

**PROPOSED AGENDA
BOARD OF EDUCATION MEETING
SEDALIA SCHOOL DISTRICT #200**

**Regular Meeting
Monday, December 18, 2017
6:30 P.M.**

**Smith-Cotton High School
Heckart Performing Arts Center
2010 Tiger Pride Blvd.**

Comments from the audience are welcome at the time a particular agenda item is being discussed. Please, however, approach the podium, be recognized by the presiding officer, and introduce yourself for the record. Thank you!

- I. CALL TO ORDER**
 - 1. Call to Order and Welcome Guests
 - 2. Staff and Patron Input –Sedalia School District Foundation; Sedalia Community Educators Association; Fall Sports Recognitions
 - 3. Approve Agenda

- II. CONSENT ITEMS**
 - 1. Minutes for Monthly Business Meeting, November 20, 2017
 - 2. Personnel
 - 3. Treasurer’s Report
 - 4. Payment of Bills

- III. ITEMS FOR DECISION**
 - 1. CHS Employment Services
 - 2. 2017-18 Candidates for Early Graduation

- IV. DISCUSSION**
 - 1. ECSE – Additional Personnel
 - 2. Seal of Bi-literacy
 - 3. E-Rate Funding
 - 4. Smith-Cotton High School Planning Guide 2018-19

- V. INFORMATION**
 - 1. Attendance 90/90 Report
 - 2. Christ Trinity Lutheran Church - Donation

- VI. ADJOURN TO CLOSED SESSION**

These subjects may be discussed in closed session with closed record and closed vote pursuant to Section 610.021 (1) Legal (2) Leasing, Purchase or Sale of Real Estate (3) Personnel, (6) Student (13) Protected Records, of the Missouri statutes.

Board meeting agenda and minutes are posted on the district’s website at www.sedalia200.org

Please note that items to be added to the agenda must be submitted in writing (two pages or less) to the Board of Education Office at least five work days prior to the board meeting, in accordance with guidelines appearing in the District’s Policies and Procedures Handbook, Policy 0412.

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**Sedalia School District #200
Board of Education Regular Meeting
Parkview Elementary
Open Session Minutes
November 20, 2017**

BOE Members Present:

Dr. Jeffrey Sharp, President
Mr. David Wolf, Vice President
Ms. Stephanie Lefevers, Secretary
Mr. Kenny Coffelt, Treasurer
Mr. Scott Gardner
Ms. Diana Nichols
Mr. Michael Stees

Absent:

Also present were: Brad Pollitt, Superintendent; Dr. Nancy Scott, Assistant Superintendent; Steve Triplett, Assistant Superintendent; Michylah Hawkins, Student Advisor to the BOE; Lisa Hammerly, Recording Secretary; Chris Pyle, Carla Wheeler, Bob Satnan, Grace Kendrick, Todd Fraley, Stephanie Jackson, Kelly McFatrach, Lisa Volk, Sara Pannier, Jason Curry, Brett Hieronymus, Wade Norton, Andrea Young, Deidre Esquivel, Paula Schupp, Rob Davis, Charles McFail, Andre Taylor, Cindy Calafaty, media, and various others.

I. Call to Order

1. The Chair called the meeting to order at 6:30 pm.
2. **Request of District Patrons and Recognitions**
Sedalia School District Foundation
Sedalia Community Educators Association (SCEA)
Helmet/Concussion Update
Parkview Music Curriculum Presentation – Quaver Music Program
3. **Approve Regular Meeting Agenda**
Kenny Coffelt moved to approve the regular meeting agenda with a correction to Approve Consent Agenda; II. 4. Payment of Bills, and an addition to Items for Decision; III. 7. Resolution to Affirm Support for Dr. Margie Vandeven. Scott Gardner seconded the motion. The Chair then took a vote and with a majority in favor the regular meeting agenda was approved.

II. Approve Consent Agenda

After the consent items were reviewed, the Chair asked if there were any additions or corrections. II-4 Payment of Bills with P-Card “Total Hamburger Marys Grill \$92.42 was not approved. Scott Gardner moved to approve the consent items 1- 4 as presented. Kenny Coffelt seconded the motion. The Chair then took a vote and with a majority in favor the consent items 1 – 4 as follow were approved:

1. Minutes that have been distributed for monthly business meeting, October 23, 2017
2. Personnel
3. Treasurer’s Report
4. Payment of Bills

**Sedalia School District #200
Board of Education Regular Meeting
Parkview Elementary
Open Session Minutes
November 20, 2017**

III. Items for Decision

1. Board Candidate Filing

Kenny Coffelt moved to approve the legal notice Board Candidate Filing as presented. Diana Nichols seconded the motion. The Chair then took a vote and with a majority in favor was approved.

2. Early Childhood Special Education Title One Preschool Assessment and Evaluation

Scott Gardner moved to approve the Early Childhood Special Education Title One Preschool Assessment and Evaluation as presented. Kenny Coffelt seconded the motion. The Chair then took a vote and with a majority in favor was approved.

3. Parents As Teachers Assessment and Evaluation

Kenny Coffelt moved to approve the Parents As Teachers Assessment and Evaluation as presented. David Wolf seconded the motion. The Chair then took a vote and with a majority in favor was approved.

4. Board Policy Update(s) 2785, 2850, 2921, 4550, and 2760

Scott Gardner moved to approve the Board Policy Updates as follows: 2785, 2850, 2921, 4550, and 2760 as presented. Diana Nichols seconded the motion. The Chair then took a vote and with a majority in favor was approved.

5. Katy Trail and Sedalia School District #200 Memorandum of Understanding

Scott Gardner moved to approve the Katy Trail and Sedalia School District #200 Memorandum of Understanding. In addition, include St. Paul's Lutheran School and Sacred Heart School in regard to mental health services. Diana Nichols seconded the motion. The Chair then took a vote and with a majority in favor was approved.

6. Be An Inspiration

Scott Gardner moved to approve Mr. Pollitt to move forward, and have final approval for "Be An Inspiration". Artwork to be painted on the walls at Smith-Cotton Junior High School, and positive messages (stickers) at Smith-Cotton High School as presented. Diana Nichols seconded the motion. The Chair then took a vote and with a majority in favor was approved.

7. Resolution to Affirm Support for Dr. Margie Vandeven

Kenny Coffelt moved to approve the Resolution to Affirm Support for Dr. Margie Vandeven due to the governor is said to be trying to remove her in favor of a candidate who favors charter schools and vouchers. Diana Nichols seconded the motion. The Chair then took a vote and with a majority in favor was approved.

IV. Items for Discussion

- 1. CHS Employment Services** – Mr. Triplett presented the CHS Employment Services proposal for discussion. This item will be brought back for decision December 18, 2017.
- 2. 2nd – 6th Grade Foreign Language Learning – Rosetta Stone** – Dr. Sharp and Mr. Pollitt presented 2nd – 6th grade foreign language learning using Rosetta Stone for discussion. Mr. Pollitt said he would gather more information on how this is being used in other districts and bring back for discussion at a further date.
- 3. Annual Performance Report (APR)** – Ms. Wheeler presented the Annual Performance Report (APR) for discussion.

V. Items for Information

**Sedalia School District #200
Board of Education Regular Meeting
Parkview Elementary
Open Session Minutes
November 20, 2017**

1. Attendance 90/90 Report

Mr. Pollitt presented the 90/90 Report.

2. Quarterly Building Report(s)

Mr. Pollitt presented the Quarterly Building Reports.

3. Sorita and Berry Walters Donation

Mr. Pollitt presented the donation from Sorita and Berry Walters.

4. Belcher Scholarship Recipient

Mr. Pollitt announced Makenna Steger as the Belcher Scholarship recipient; she will receive \$250 from the Sedalia School District Foundation.

VI. Adjourn To Closed Session

Kenny Coffelt moved to adjourn to closed session for purposes listed in sections RSMo.610.021 (1) Legal, (2) Leasing, Purchase or Sale of Real Estate (3) personnel and (13) protected records. Michael Stees seconded the motion. The Chair then took a vote and with a majority in favor adjourned to closed session. Roll call vote: Kenny Coffelt, aye; Scott Gardner, aye; Stephanie Lefevers, aye; Diana Nichols, aye; Michael Stees, aye; David Wolf, aye; Dr. Jeffrey Sharp, aye.

Time: 8:14 pm

Dr. Jeffrey Sharp, President
Board of Education

Stephanie Lefevers, Secretary
Board of Education

Sedalia School District #200
 2806 Matthew Drive
 Sedalia, MO 65301-7981

Bank & Cash Reconciliation

Fund Cash Balance by Fund

Fund Number and Description	Cash Balance	Comments
001 - General Fund	19,972,586.91	
002 - Special Revenue Fund	3,402,630.64	
003 - Debt Service Fund	.00	
004 - Capital Projects Fund	9,727,630.89	
Adjustment 1 :	.00	
Adjustment 2 :	.00	
Adjustment 3 :	.00	
Adjustment 4 :	.00	
TOTAL :	33,102,848.44	

Bank Cash and Reconciled Balances:

Account Code & Bank	Cash Balance	Reconciled Balance	Comments
xxxx41.1 - Series 2015B - UMB BANK	.00	.00	
xxxx1387 - Chris E Egdorf - US Bank	7,723.58	7,723.58	
xxxx1251 - General Funds - MOSIP	5,529,273.54	5,529,273.54	
xxxx1252 - Capital Funds - MOSIP	2,723,263.76	2,723,263.76	
xxxx57.3 - Series 2016 - UMB BANK	.00	.00	
xxxx0278 - - Equity Bank	11,523,822.10	11,969,795.31	
xxxx0294 - - Equity Bank Activity Gate	10,956.58	10,956.58	
xxxx0213 - Portfolio Cash - MOSIP	53,774.04	53,774.04	
xxxx0213 - Portfolio Invest - MOSIP	13,254,034.84	13,254,034.84	
Outstanding Amount: xxxx0278 - - Equity Bank	.00	-445,973.21	
Adjustment 1 :	.00	.00	
Adjustment 2 :	.00	.00	
Adjustment 3 :	.00	.00	
Adjustment 4 :	.00	.00	
TOTAL :	33,102,848.44	33,102,848.44	

Bank Cash and Fund Cash are in Balance

Cash Flow Summary For month of November

	Fund - 001	Fund - 002	Fund - 003	Fund - 004	All Funds
A. Cash Balance as of 11/01/17	23,335,126.34	3,460,921.43	0.00	7,317,401.24	34,113,449.01
B. Revenues (5XXX) :	599,618.22	2,762,690.88	0.00	50,671.45	3,412,980.55
C. Expenses (6XXX) :	1,444,411.07	2,539,281.47	0.00	71,792.19	4,055,484.73
D. Excess Revenue (B - C) :	-844,792.85	223,409.41	0.00	-21,120.74	-642,504.18
E. New Cash Balance (A + D) :	22,490,333.49	3,684,330.84	0.00	7,296,280.50	33,470,944.83
F. Net Change in Fund Balance (3XXX) :	-2,431,350.33	0.00	0.00	2,431,350.39	0.06
G. Net Change in Other Assets & Liabilities (1200 - 2999) :	-86,396.25	-281,700.20	0.00	0.00	-368,096.45
H. Final Balance as of 11/30/17	19,972,586.91	3,402,630.64	0.00	9,727,630.89	33,102,848.44

It is recommended: Motion to fund transfer \$2,299,652.00 from General (Incidental) fund 001, to the Capital Projects Fund (004), an allowable ASBR transfer \$162,326 or 7%xSATxWADA for:

- A. Replace Parking Lot Lights with LED @ S-C
- B. Replace Roof Sections @ HM
- C. Build Storage Facility Warehouse @ Maintenance Shop
- D. Addition to Maintenance Shop
- E. Asphalt Gravel Parking Lot @ Washington
- F. Replace Exteriors Doors @ HM & Washington

It is recommended: Motion to fund transfer \$96,999.00 from General (Incidental) fund 001, to the Capital Projects Fund (004), an allowable ASBR transfer for DNR loan NPDELT82 (Geo-Thermal).

It is recommended: Motion to fund transfer \$6,389.93 from General (Incidental) fund 001, to the Capital Projects Fund (004), an allowable ASBR transfer for Guaranteed Energy Savings Performance Contracts.

It is recommended: Motion to fund transfer \$28,309.46 from General (Incidental) fund 001, to the Capital Projects Fund (004), an allowable ASBR transfer for purchase of kitchen/food service related equipment as follows:

- A. Dish Machine @ SMS
- B. Walk in Freezer @ SMS

Fund Balance Report

for the period ending November, 2017

Fund	1	2	3	4	Total
General Fund	Teachers Fund	Debt Service Fund	Capital Projects Fund	Total	Total
Beginning Fund Balance	26,408,175.82	-0.00	0.00	8,587,626.18	34,995,802.00
Revenues	2,163,959.78	11,597,969.52	0.00	136,807.09	13,898,736.39
Transfer To	0.00	0.00	0.00	2,431,350.39	2,431,350.39
Transfer From	2,431,350.39	0.00	0.00	0.00	2,431,350.39
Expenses	6,238,125.71	8,007,875.11	0.00	1,428,152.77	15,674,153.59
Ending Fund Balance	19,902,659.50	3,590,094.41	0.00	9,727,630.89	33,220,384.80
From General Fund to Debt Service Fund	0.00				
From General Fund to Capital Projects Fund	2,431,350.39				

ASSETS

Cash & Investments

TOTAL ASSETS

\$33,102,848.44
\$33,102,848.44

LIABILITIES

Flexible Spending Account

Escrowed - Group Health Insurance/Life Insurance/ Retirement/Dues/Garnishments

TOTAL LIABILITIES

(\$5,237.32)
 \$130,497.26
\$125,259.94

NET ASSETS

Restricted For:

US Bank Egdorf Scholarship Fund

TOTAL NET ASSETS

(\$7,723.58)
\$33,220,384.80

Current Month Budget Report for November

Account Code	Account Description	Budget/ (Open Bal)	MTD Activity	YTD Activity	Current Balance	Encumbrance	Next MTD Activity	Projected Balance	% of Budget
Fund 001 Totals	Total Assets (1xxx)	26,418,347.81	-3,364,888.77	-6,445,750.90	19,972,596.91		-1,006,689.80	18,965,907.11	
	Total Liabilities (2xxx)	-2,457.67	88,745.59	-1,366.60	-3,824.27		-108,801.08	-112,625.35	
	Fund Balance (3xxx)	-26,415,890.14	2,431,350.33	2,372,951.57	-24,042,938.57	0.00	0.00	-24,042,938.57	
	Total Revenues (5xxx)	19,089,976.67	599,618.22	2,163,959.78	16,926,016.89	0.00	12,277.36	16,913,739.53	11.40
	Total Expenditures (6xxx)	17,855,327.30	1,444,411.07	6,238,125.71	11,617,201.59	395,605.26	1,127,768.24	10,093,828.09	43.47
	Expenditures - Revenues	-1,234,649.37	844,792.85	4,074,165.93	-19,968,772.64	395,605.26	1,115,490.88	-6,819,911.44	
	Ending Fund Balance	-27,650,539.51	0.00	0.00	0.00		0.00	-18,457,676.50	66.75
	Ledger Balance	0.00	0.00	0.00	0.00		0.00	0.00	
Fund 002 Totals	Total Assets (1xxx)	34,716.42	-58,290.79	3,367,914.22	3,402,630.64		-2,081,865.11	1,320,765.53	
	Total Liabilities (2xxx)	-34,716.42	281,700.20	222,180.19	187,463.77		-341,472.26	-154,008.49	
	Fund Balance (3xxx)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Revenues (5xxx)	29,602,632.68	2,762,690.88	11,597,969.52	18,004,663.16	0.00	0.00	18,004,663.16	39.18
	Total Expenditures (6xxx)	29,704,756.00	2,539,281.47	8,007,875.11	21,696,880.89	0.00	2,423,337.37	19,273,543.52	35.12
	Expenditures - Revenues	102,123.32	-223,409.41	-3,590,094.41	-3,590,094.41	0.00	2,423,337.37	1,268,880.36	
	Ending Fund Balance	102,123.32	0.00	0.00	0.00		0.00	-1,166,757.04	-1,142.50
	Ledger Balance	0.00	0.00	0.00	0.00		0.00	0.00	
Fund 003 Totals	Total Assets (1xxx)	0.00	0.00	0.00	0.00		0.00	0.00	
	Total Liabilities (2xxx)	0.00	0.00	0.00	0.00		0.00	0.00	
	Fund Balance (3xxx)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Revenues (5xxx)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total Expenditures (6xxx)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Expenditures - Revenues	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Ending Fund Balance	0.00	0.00	0.00	0.00		0.00	0.00	
	Ledger Balance	0.00	0.00	0.00	0.00		0.00	0.00	
Fund 004 Totals	Total Assets (1xxx)	8,587,626.18	2,410,229.65	1,140,004.71	9,727,630.89		-28,511.51	9,699,119.38	
	Total Liabilities (2xxx)	0.00	0.00	0.00	0.00		0.00	0.00	
	Fund Balance (3xxx)	-8,587,626.18	-2,431,350.39	-2,431,350.39	-11,018,976.57	0.00	0.00	-11,018,976.57	
	Total Revenues (5xxx)	3,436,187.10	50,671.45	136,807.09	3,299,380.01	0.00	0.00	3,299,380.01	3.98
	Total Expenditures (6xxx)	5,509,952.80	71,792.19	1,428,152.77	4,081,800.03	211,914.26	28,511.51	3,841,374.26	30.28
	Expenditures - Revenues	2,073,765.70	21,120.74	1,291,345.68	-8,727,630.89	211,914.26	28,511.51	541,994.25	
	Ending Fund Balance	-6,513,860.48	0.00	0.00	0.00		0.00	-8,487,205.12	145.65
	Ledger Balance	0.00	0.00	0.00	0.00		0.00	0.00	
Grand Total	Total Assets (1xxx)	35,040,690.41	-1,012,949.91	-1,937,831.97	33,102,858.44		-3,117,066.42	29,985,792.02	
	Total Liabilities (2xxx)	-37,174.09	370,445.79	220,813.59	183,639.50		-450,273.34	-266,633.84	
	Fund Balance (3xxx)	-35,003,516.32	-0.06	-58,398.82	-35,061,915.14	0.00	0.00	-35,061,915.14	
	Total Revenues (5xxx)	52,128,796.45	3,412,980.55	13,898,736.39	38,230,060.06	0.00	12,277.36	38,217,782.70	26.69
	Total Expenditures (6xxx)	53,070,036.10	4,055,484.73	15,674,153.59	37,395,882.51	607,519.52	3,579,617.12	33,208,745.87	37.42
	Expenditures - Revenues	941,239.65	642,504.18	1,775,417.20	-33,286,487.94	607,519.52	3,567,339.76	-5,009,036.83	
	Ending Fund Balance	0.00	0.00	0.00	0.00		0.00	-29,111,638.66	0.00
	Ledger Balance (1xxx + 2xxx + 3xxx)	0.00	0.00	0.00	0.00		0.00	0.00	

% of Budget for Expenditures, Revenues and Expenses = (YTD Activity + Encumbrance + Next MTD Activity)/Budget(Open Bal)
 % of Budget for Ending Fund Balance = Projected Balance/Budget(Open Bal)



Account Statement
For the Month Ending **November 30, 2017**

Consolidated Summary Statement

Sedalia School District #200

Portfolio Summary

Portfolio Holdings	Cash Dividends and Income	Closing Market Value	Current Yield
MOSIP	6,655.39	7,820,311.34	1.04 %
MOSIP CD Program	0.00	486,000.00	* N/A
MOSIP Managed Account	(50.14)	13,254,034.84	* N/A
Total	\$6,605.25	\$21,560,346.18	

* Not Applicable

Investment Allocation

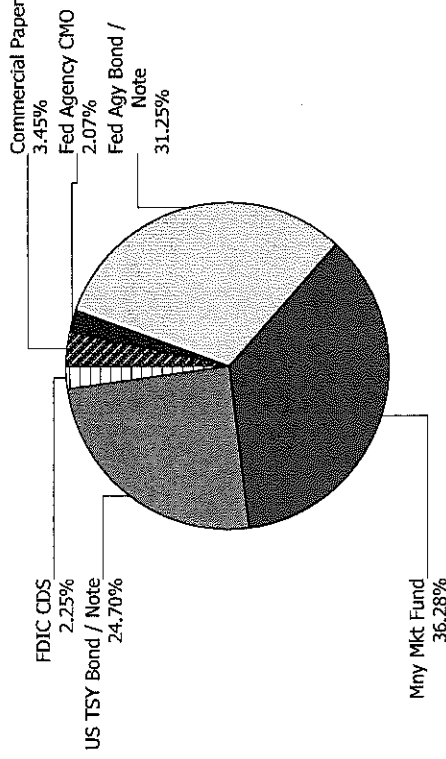
Investment Type	Closing Market Value	Percent
Commercial Paper	744,022.25	3.45
Federal Agency Collateralized Mortgage Obligatioi	446,967.17	2.07
Federal Agency Bond / Note	6,737,837.80	31.25
Money Market Fund	7,820,311.34	36.28
U.S. Treasury Bond / Note	5,325,207.62	24.70
FDIC Insured Bank Certificates of Deposit	486,000.00	2.25
Total	\$21,560,346.18	100.00%

Maturity Distribution (Fixed Income Holdings)

Portfolio Holdings	Closing Market Value	Percent
Under 30 days	7,825,038.12	36.30
31 to 60 days	486,000.00	2.26
61 to 90 days	0.00	0.00
91 to 180 days	248,323.50	1.15
181 days to 1 year	1,209,988.77	5.61
1 to 2 years	5,310,876.91	24.63
2 to 3 years	5,992,601.67	27.79
3 to 4 years	487,517.21	2.26
4 to 5 years	0.00	0.00
Over 5 years	0.00	0.00
Total	\$21,560,346.18	100.00%

Weighted Average Days to Maturity 424

Sector Allocation



Memorandum

To: Director – Board of Education

CC: Bradley Pollitt/Nancy Scott/Steve Triplett

From: Harriet Wolfe

Date: December 18, 2017

Re: Payment of Bills

**Attached are the payment of bills from November 16 – December 13, 2017.
Total Amount of \$3,666,558.27**

BOE AP Check Register Report November 16 - December 13 2017

Selection Criteria : Check # Range From ACH008933 To ACH008939 | Check # Range From 111740 To 111784 | Check # Range From 111563 To 111738 | Check # Range From 111544 To 111561 | Check # Range From ACH008740 To ACH008923 | Check # Range From 111445 To 111542 | Invoice Number <> P-Card |

Vendor Name	Amount
Total Abey James	300.00
Total ACT Inc	250.00
Total AdvancePierre Foods Inc	620.76
Total AG Coop Services Inc	19.98
Total All American Sports Corp	223.75
Total Allied Signs Inc	175.00
Total Amos, Brian C	20.00
Total Andersons	169.33
Total Andymark Inc	3,056.55
Total Aramark Uniform Services	8,315.32
Total ASCD	64.00
Total AT&T Mobility	528.45
Total Auto Glass Express	527.02
Total Backyard Portable Buildings LLC	4,860.00
Total Baldwin Elizabeth	301.50
Total Bales, Julie L	59.45
Total Bandanas Bar-B-Q	522.13
Total Barton, Billy K	25.00
Total Battle High School	250.00
Total BC Mowing & Tilling LLC	1,442.00
Total Becker Piano Tuning	150.00
Total Beckman, Jonathan E	20.00
Total Bell Plumbing Supply Inc	8.88
Total Benton, Victor	90.00
Total Bergman, Dustin W	12.30
Total Bernard Food Industries Inc	939.06
Total Bird, Anna M	82.00
Total Birdman Apparel	3,306.00
Total Blick Art Materials	1,165.96
Total Blue Cross Blue Shield of KC	404,348.53
Total Boonville R I	100.00
Total Bound To Stay Bound Books	76.55
Total Bouslaugh, James A	40.00
Total Bright Futures USA	625.00
Total Brock, Carmen M	178.81
Total Brockway Ronald D	120.00
Total Brockway, Rebecca L	366.07
Total Bryan, Kelly M	3.00
Total BSN Sports	1,554.05
Total Campe, Marsha K	47.52
Total Cardmember Service	25,197.36
Total Carol Madden	1,064.58
Total Carrot Top Industries Inc	953.66
Total CBS Manhattan LLC	483.29
Total CenterPoint Energy Services	1,679.15
Total Central Communications	4,120.00
Total Central RPDC	2,250.00
Total Charter Communications	71.80
Total Childrens Therapy Center EHSP	1,464.00
Total Christian, Susan K	110.00
Total City of Sedalia Mo	3,393.52
Total City Safe and Lock Service	32.25
Total Claim Care Inc	3,580.35
Total Clark, Deanna L	20.00
Total Clark, Dilbert G	20.00
Total Collins, John R	20.00
Total Connie Dohrman	532.29
Total Cornine Joshua A	210.00
Total Cousins Concert Attire	2,315.52
Total Cramer Madalyn K	7.38
Total Crane, Jennifer L	24.60
Total Crow Burlingame Co	18.80

BOE AP Check Register Report November 16 - December 13 2017

Vendor Name Amount

Total Curators of the Univ of MO	1,026.00
Total Curry, Jason G	20.00
Total Curry, Robert J	20.00
Total Curry, Stacy L	20.00
Total Custom Meeting Planners Inc	500.00
Total Custom Resources LLC	1,753.00
Total Daktronics Inc	1,185.00
Total DAlexander Literacy Consultant LLC	500.00
Total Data Management Inc	112.00
Total Davis, Robert P	40.00
Total DC Battery	805.00
Total Decker Equipment	646.79
Total Demco Inc	846.85
Total DEPCO LLC	676.00
Total Dickman, Keri M	21.73
Total Different Roads to Learning Inc	90.85
Total Dillon, Randy A	120.00
Total Director of Revenue	25.00
Total Discount Dance Supply	300.35
Total DISH	45.02
Total Ditch That Textbook LLC	4,900.00
Total Ditzfeld & Weaver Charter Service	1,800.00
Total Ditzfeld Container Service LLC	1,983.24
Total Ditzfeld Transfer Inc	3,479.00
Total Doyle, Joseph G	502.28
Total Dugan Glass Inc	4,815.50
Total Dugan Paints Inc	494.42
Total Ecolab	1,235.88
Total Evans, Haley J	612.45
Total Excelsior Springs School Dist #40	175.00
Total Fastenal Company	851.96
Total FBLA PBL	130.00
Total Federal Program Consulting Inc	1,500.00
Total FIRST	8,000.00
Total First Student Inc	160,370.17
Total Fischer Concrete Service Inc	220.50
Total Fish, Lindsey W	22.94
Total Fisher, Wendy S	57.03
Total Fitters 5th Street Pub	948.64
Total Flinn Scientific Inc	160.60
Total Follett School Solutions Inc	8,980.66
Total Forrest T Jones & Company Inc	131.00
Total Fort Osage High School	623.70
Total Frank Paxton Lumber Co LLC	452.89
Total Fun and Function LLC	245.13
Total General Parts LLC	63.45
Total Gooch Nicholas A	200.00
Total Gopher Sport	606.06
Total Grain Valley R5 High School	225.00
Total Great Circle	1,995.00
Total Grizzly Industrial Inc	19.99
Total Guardian Life Insurance Co.	28,334.82
Total Gumdrop Books	2,760.50
Total Harris, Lisa M	40.30
Total Harris, Monica L	20.00
Total Hawkins, Keith D	20.00
Total Hawkins, Michael C	110.00
Total Heartland Vision Consultants Inc	12,100.00
Total Heather Miller	323.98
Total Herren, Matthew W	60.00
Total Herrick, Timothy C	20.00
Total Hieronymus, Brett R	20.00
Total Higgins Asphalt Paving Co Inc	2,512.00
Total Himes, Jessica N	186.10
Total Hobby Lobby Stores Inc	359.20

BOE AP Check Register Report November 16 - December 13 2017

Vendor Name Amount

Total Homan, Ashley R	373.92
Total Houghton Mifflin Harcourt	27,589.83
Total Howieson, Carrie L	64.16
Total Hunsaker, Shawn C	118.22
Total Husong, Marcinda M	20.00
Total Ice Masters	277.16
Total Instrumental Influence Inc	1,000.00
Total Internal Revenue Service	322,884.14
Total Interstate Studio & Publishing Co	175.00
Total Jackson Amanda L	145.16
Total Jackson Stephanie E	20.00
Total Jackson William Benjamin	160.00
Total Jaco, Kyla M	944.64
Total Jefferson City Public Schools	1,585.50
Total JoAnns Greenhouses Inc	2,291.74
Total Johnson Chase A	60.00
Total Johnston, Chris D	20.00
Total Jones Lynnette G	49.20
Total Jostens Inc	2,967.18
Total JTM Provisions Co Inc	1,822.39
Total JW Pepper and Son Inc	172.58
Total KCP&L	65,098.17
Total Kempton, Madeline R	54.04
Total Kendrick, Grace A	161.59
Total Kendrick, Kyra S	68.34
Total Key Hydraulics and Truck Equipment	78.60
Total Kiefer Swim Products	984.20
Total Kindle, Jason P	40.52
Total L & R Specialties	586.00
Total Lakeshore	113.80
Total Lane, Steven D	20.00
Total Lansing, William	300.00
Total Learning A-Z	824.60
Total Little Caesars Pizza	500.00
Total Long, Kayla	51.91
Total Lowes Companies Inc	7,573.97
Total MAEA	630.00
Total Magana, Melissa P	121.14
Total Maledy, Charles G	62.63
Total Marcums Landscaping Stones LLC	747.33
Total Marshall High School	350.00
Total MartinezFlores Maria G	45.83
Total MASSP	2,086.00
Total Mathieu, Gerard J	20.00
Total McKinney, Kristen D	60.26
Total McMaster-Carr Supply Company	932.81
Total MDHE Collections Custodial Account	238.43
Total MedinaFlores, Rosario	20.00
Total MEI Total Elevator Solutions	1,353.42
Total Menard Inc	274.85
Total Menjivar, Ana G	20.00
Total Mid Atlantic Trust Company	67,125.00
Total Midland Printing Co Inc	46.50
Total Midwest CompuTech	53,664.54
Total Miller, Amy J	95.73
Total Missouri Bandmasters Assoc	135.00
Total Missouri Department of Revenue	61,489.00
Total Missouri NEA	882.96
Total Missouri State Thespians	1,970.00
Total MMEA	150.00
Total Mo Cheerleading Coaches Assoc	100.00
Total MO Council of Teachers of	100.00
Total Mo Dept of Revenue	109.50
Total Mo Division of Youth Services	114.78
Total MO Family Support Payment Center	5,619.50

BOE AP Check Register Report November 16 - December 13 2017

Vendor Name Amount

Total MOAQUA Ltd	1,396.50
Total Moniteau County R I	91.00
Total Moon, Cindy G	2.79
Total Moon, Pamela S	25.94
Total Moores Flower Shop & Greenhouse	65.00
Total Morrison, Katherine E	6.96
Total MSCA	145.00
Total MSHSAA	5,102.40
Total MSTA	24,150.75
Total Mullaney, Sean	108.00
Total NCS Pearson Inc	95.00
Total Nearpod Inc	840.00
Total Neff Company	3,251.22
Total Newton, Cheridan R	9.23
Total Nichols, Sara J	50.00
Total Nickell, Rowena J	35.81
Total Nightwatch Security & Telephone	3,080.00
Total Norton, Patrick W	409.81
Total OReilly Auto Parts	1,073.67
Total Oriental Trading Co Inc	697.31
Total Otten Small Engine LLC	56.95
Total Ozark Delight Candy Co Inc	349.68
Total Ozark Fire Sprinkler Co Inc	2,500.00
Total Panera LLC	55.14
Total Papa Jakes Donut Shop	66.60
Total Parents as Teachers Natl Center Inc	40.00
Total PEERS	313,736.22
Total Perma Bound	269.86
Total Petterson, Roxanne N	20.00
Total Pettis County Circuit Clerk	1,422.52
Total Pettis County Sheriffs Office	5,010.15
Total Phillips and Company-Sedalia	2,105.28
Total Phillips Justin G	254.00
Total Phillips Media Group LLC	60.00
Total Pierce, Joni R	11.64
Total Pitney Bowes	739.50
Total Pleasant Hill R III	275.00
Total Polk, Jordan K	20.00
Total Pollard, Heidi A	257.07
Total Pollitt Bradley R	500.29
Total Positive Promotions	174.95
Total Praxair Distribution Inc	150.65
Total PrintLynx	364.80
Total Pro Ed	182.60
Total Project Lead The Way Inc	20,630.00
Total PSRS	1,560,332.32
Total Pummills Sporting Goods	3,532.00
Total Pyle, Christopher L	170.00
Total Queen City Roofing & Contracting Co	17,000.00
Total Quill Corporation	178.13
Total Raytown School District	325.00
Total Real OT Solutions Inc	74.25
Total Really Good Stuff	53.39
Total Reedy, Lester M	20.00
Total Rehmer Malinda K	100.00
Total Renaissance Learning Inc	1,980.00
Total Richmond R16 School District	150.00
Total Ricoh USA Inc	19,117.79
Total Road America Mulch Co	3,200.00
Total Rochester 100 Inc	125.00
Total Rowland, Roxann M	355.56
Total Saltsgaver, Shelbi D	20.00
Total Samson, Rachel S	19.02
Total Satnan, Robert H	203.50
Total Schlup Jr, Kenneth F	20.00

BOE AP Check Register Report November 16 - December 13 2017

Vendor Name Amount

Total Schneider, Anthony J	14.56
Total Scholastic Book Fairs Inc	14,015.51
Total Scholastic Inc	353.00
Total School Lunch Solutions	3,637.23
Total School Specialty Inc	4,409.33
Total Scott, Nancy L	220.00
Total Scott, Tara D	19.43
Total Sedalia Internal Medicine	130.00
Total Sedalia Rental and Supply	1,353.50
Total Sedalia School District 200	642.52
Total Sedalia School District 200	210.00
Total Sedalia School District 200	3,041.45
Total Sedalia School District 200	630.00
Total Sedalia School District 200	403.33
Total Sedalia School District 200	210.00
Total Sedalia School District 200	3,244.44
Total Sedalia School District 200	630.00
Total Sedalia School District Foundation	2,067.64
Total Sedalia Water Department	7,127.51
Total Shiffler Equipment Sales Inc	1,883.46
Total Silvey, Nicole L	41.16
Total Simoncic, Amy L	109.46
Total Simons Jr, Richard D	20.00
Total Smilemakers	45.96
Total Smith-Cotton Football Booster Club	175.50
Total Sneed Kevin	208.00
Total Sobaski Kelly D	16.20
Total Soccer Master	79.00
Total Socket Telecom LLC	4,951.79
Total Software Finesse LLC	700.00
Total SonEquity Pest Management	1,262.00
Total Southeastern Performance Apparel	3,498.90
Total Specialty Sportswear	3,759.50
Total Spratley, Brooke A	20.00
Total Springfield Paper Company	8,196.82
Total Staples Business Advantage	2,519.94
Total State Fair Community College	127,224.50
Total State Fair Quick Lube	41.99
Total Steger, Michelle M	72.98
Total Stewart, Cerita E	15.69
Total Stidham, Sarah R	74.12
Total Stone Laser Imaging	295.00
Total Sturges, Patricia J	98.58
Total SummersDaly, Susan L	80.36
Total Superior Lawns	705.00
Total Sure Coat LLC	400.00
Total Sutherland Lumber Company	148.92
Total Synchrony Bank/Amazon	9,891.07
Total T Mobile	989.99
Total Tallman Company	2,020.02
Total Taylor, Nataliya O	38.66
Total Thomeczek & Brink LLC	168.00
Total Tobii Dynavox LLC	141.90
Total Tomo Drug Testing	104.00
Total Touchtone Communications Inc	17.99
Total Town and Country Motel	227.97
Total Trans Central Suppliers Inc	44.00
Total Tresona Multimedia LLC	1,013.00
Total Triarco	30.40
Total Triplett, Steven G	170.00
Total Tueth Keeney Cooper Mohan &	998.00
Total Turner, Teri J	40.44
Total Tyler Technologies Inc	587.50
Total UINTERACT.LABOR.MO.GOV	3,195.28
Total Uline Inc	900.83

BOE AP Check Register Report November 16 - December 13 2017

Vendor Name	Amount
Total UMB Healthcare Services	34,872.25
Total United Way	3,006.76
Total Universal Cheerleaders Assoc	556.00
Total University of MO	350.00
Total University of Mo Health Care	63.00
Total UPS Store	122.71
Total Valesa, Yelena M	20.00
Total Verizon Wireless	457.74
Total Vex Robotics Inc	418.89
Total Volk, Lisa L	20.00
Total Vroman Systems Inc	149.95
Total W & M Welding Inc	2,305.53
Total W Schiller and Company Inc	369.30
Total WageWorks	3,577.00
Total Walmart Community/RFCSELLC	4,099.23
Total WalMart Vision Center	57.00
Total Warehouse Tire and Muffler	937.88
Total WCMCDA	130.00
Total Weller, Ethan E	70.00
Total Wells Kimberly C	241.91
Total Western Extralite Company	341.09
Total Westlake Hardware	608.21
Total WEX BANK	13,377.34
Total Wheeler, Carla J	260.70
Total Wheeler, Gary D	148.00
Total Wilken Music	158.00
Total William V MacGill & Company	1,011.28
Total Winnetonka High School	225.00
Total Woods Super Markets Inc	215.20
Total Woolery, Denise R	59.77
Total Wright, James M	118.08
Total Wyattte, Robin C	44.60
Grand Total	3,666,558.27

Memorandum

To: Director – Board of Education

CC: Bradley Pollitt/Nancy Scott/Steve Triplett

From: Harriet Wolfe

Date: December 18, 2017

Re: Payment of Bills with P-Card

**Attached are the payment of bills using the P-Card from November 16 – December 13, 2017.
Total Amount of \$22,879.54**

BOE AP P-Card Report November 16 - December 13 2017

Selection Criteria : Check Date Range From 12/13/2017 To 12/13/2017 | Invoice Number = Card |

Vendor Name	Amount
Total American Airline	500.00
Total Argo Tea Cafe	27.45
Total Bandanas Bar-B-Q	58.33
Total Barra Rossa Ristorante	143.34
Total Benjamin B Nelson OD	70.00
Total Black Sheep	44.00
Total Bulk Bookstore	629.00
Total Burger King	47.81
Total Cafe Square One	109.51
Total Cheddars	52.22
Total Chicago Yellow Cab	10.50
Total Cosi Inc	117.06
Total Dominos Pizza	40.54
Total Dramatic Publishing	402.80
Total Dunkin Donuts	122.25
Total Embassy Suites Hotel	287.32
Total Flitways Transportation	5.00
Total Giordanos Restaurant	57.62
Total Gold Coast Dogs Triang	32.38
Total Great American Bagel	50.68
Total Harbor Freight Tools	559.49
Total Hotel Monaco	5,814.36
Total Howells & Hood Restaurant	167.86
Total Hyatt Regency Chicago	314.27
Total J Bruners Resturant	45.00
Total Jones Restaurant	222.76
Total KCI Airport	30.00
Total Kmart	106.70
Total L`Appetito Triangle Cafe	12.92
Total Lodge of Four Seasons	23.75
Total Lowes Companies Inc	430.42
Total Mazzios Corporation	677.02
Total McAlisters Deli	88.34
Total Menard Inc	341.71
Total Mixed Bag Designs	928.70
Total Mo State Highway Patrol	138.00
Total Mr Goodcents	147.16
Total Nightwatch Security & Telephone	168.00
Total Northern Tool	181.47
Total Palm Restaurant	592.48
Total Panera LLC	719.07
Total Pegasus On The Fly Restaurant	16.80
Total SEPTA Market EB Station	143.00
Total Sonic	53.22
Total Subway	49.59
Total Sutherland Lumber Company	103.88
Total Tabo Sushi Restaurant	18.15
Total Taxi SVC	105.60
Total Uline Inc	6,273.03
Total University of Pennsylvania	31.29
Total Vaughan Pools of Sedalia	347.89
Total VCN SAN Bern Co Record	47.00
Total Walgreen Drug Stores	13.75
Total Walmart Community/RFCSLLC	1,014.38
Total Woods Super Markets Inc	11.47
Total Wristband.com	133.20
Grand Total	22,879.54

**SSD****Sedalia School District #200**

*District Office
2806 Matthew Drive
Sedalia, Missouri
65301-7981
(660) 829-6450
Fax (660) 827-8938
www.sedalia200.org*

Bradley R. Pollitt, Ed.S.
Superintendent

Date: November 20, 2017
To: Board of Education
Mr. Pollitt

Nancy L. Scott, Ed.D.
Assistant Superintendent
Human Resources
Federal Programs

From: Mr. Triplett

Steven G. Triplett, Ed.S.
Assistant Superintendent
Buildings & Grounds
Support Services

Re: CHS Employment Services

The District is in need of substitute custodians. CHS is willing to partner with us in an effort to meet our needs as well as find temporary work for some of the fine people they service. Attached you will see a quote for \$18.50 per hour custodial work which includes a custodian and job coach.

Chris Pyle, Ed.S.
Director of
K-12 Special Education

Please feel free to contact me at any time with questions or concerns.

Carla Wheeler, M.E.D.
Director of Curriculum
Instruction & Assessment

Bob Satnan, B.A.
Communications Director

**Accredited with
"Distinction in
Performance
2011-2012
2012-2013"**

Sedalia #200 is an equal
opportunity and affirmative
action employer

CHS Employment Services



Center for Human Services

Date:	24 Oct 2017
Quote #:	0001
Customer #:	Sedalia School Dist #200
POC Name/ Email	Steve Triplett tripletts@sedalia200.org Lisa Hammerly hammerlyl@sedalia200.org
Freight terms	n/a

QUOTE

Customer Name and Address: Sedalia School District 2806 Matthew Drive Sedalia, MO 65301	Job Description: Providing employment for custodial work
---	--

We are pleased to offer our quotation to provide the following services:

Item #	Description	Quantity	Total Price	Sub-Total
1	Manpower for custodial work in School District		\$18.50 per hour ¹	
	Job would be staffed with one employee, more could be added if needed and a job coach or coaches – CHS covers the cost of the job coach as part of the per hour cost			
			<i>Sub-Total</i>	

¹ This price reflects pricing for the first 90 days. At conclusion of 90 days, the price will increase by \$0.50/hour for 90 day increments.

This is a quotation on the goods named, subject to the conditions noted below:

These prices are good for 60 days.

It is our understanding that the Sedalia School District will supply:

- Clear, ongoing and constant communication in regards to job, location, days, number of employees needed, hours to be worked
- All necessary equipment, tools and PPE

CHS Employment Services will supply:

- One employee and one job coach/more employees and job coaches can be added if needed
- Workman's Compensation and unemployment insurances
- Coverage of all costs related to recruiting, hiring, firing of individuals involved in this program
- OSHA Training for employees and job coaches
- Monthly invoicing based solely upon the number of man hours worked (Sedalia School District will only pay when CHS Employees work)

Our terms are net 30 from the date of the invoice. Finance charges of 1.5% per month are applied to all past due accounts.

Please keep in mind that all products must be ordered and shipped together at the quantity quoted for this proposal to remain valid.

Thank you for the opportunity to serve you! If you have any questions, please do not hesitate to call 660-826-4400 (x546).

To accept this proposal, please sign below, and return via scan to:
ldorrel@chs-mo.org.

Signature: _____ Date: _____

Name (printed): _____

Lance Dorrel
Business Developer, Center for Human Services
1500 Ewing Dr., Sedalia, MO 65301
660-826-4400 (x546) ldorrel@chs-mo.org

Early Graduates for Smith-Cotton 2017-2018

Arechiga, Maria	Greer, Brittney	Rodriguez, Isabel
Armstrong, Krislynn	Griffin, Promise	Rogers, Nathan
Atkinson, Brianna	Habana, Erika	Romero, Chris
Baker, Haley	Hanson, Emalee	Sanchez, Ashley Yolanda
Bacon, Adam	Hawkins, Morgan	Sanders, Barry
Bailey, Riley	Holbert, Shane	Scheel, Tierce
Ball, Marcus	Holman, Michael	Scheiner, Chris
Balke, Sean	Hunt, Austin	Scherer, Anna
Bayless, London	Husong, Taylor	Scribner, Raylee
Berg, Bridget	Justice, Spencer	Siron, Caitlyn
Bernad, Kelsey	Kessing, Dustin	Sisemore, Alexis
Bliskavka, Natalyia	Kinner, Kiera	Slack, Sierra
Brenich, Amenda	Krumroy, Kali	Smith, Haylee
Bronson, Ashton	Lange, Carollyn	Tatman, Faith
Castro, Blanca	Lefevers, Alli	Taylor, Chase
Clark, Jazzmyn	Lewton, Chelsea	Tilton, Brianna
Cole, Hannah	Linsenbardt, Danelle	Turner, Shay
Colvin, Madeleine	Manning, Shaelyn	Wallace, Annastasia
Coward, Craig	Marshall, LaVonza	Wagers, Kira
Cox, Codie	Matheis, Jordan	Watkins, Chloe
Duppas, Megan	McPhail, Kelsey	West, Harlie
Durian, Trenaiti	Meyer, Joseph	Weng, Nixin
Ellsworth, Ethan	Miller, Hayden	Williams, Katye
Estrada, Uriel	Mitchell, Kailee	Willis, Kiara
Farrier, Rachel	Moran, Azaria	Willis, Trent
Fisher, Taylor	Mullins, Shelby	Wiser, Cheyanne
Fitzgerald, Derek	Palacios, Bridget	Wormsley, Kelsey
Ford, Keisha	Parker, Kinser	Yates, Quinlyn
Galloway, Easter	Parkhurst, Abraham	Zayats, Sergey
Geer, Kadar	Pena, Magaly	<i>28 are starting college in January</i>
Gonzales, Jose	Phipps, Haley	<i>1 is going to basic training</i>
Gonzales, Maribel	Richardson, Anthony	<i>2 are going to trade school</i>



PETTIS COUNTY EARLY CHILDHOOD COOPERATIVE

2255 S. Ingram Sedalia, MO. 65301 Phone: 660-827-8955 Fax: 660-827-8957

MEMO

GRACE KENDRICK
Principal

MEMBER DISTRICTS

Pettis Co. R-V
Hughesville, MO

LaMonte R-IV
LaMonte, MO

Smithton R-VI
Smithton, MO

Green Ridge R-VIII
Green Ridge, MO

Pettis Co. R-XII
(Dresden)
Sedalia, MO

Sedalia #200
Sedalia, MO

PROVIDING
SERVICES FOR

Early Childhood
Special Education
Title One Preschool

and

Parents As Teachers

TO: Mr. Pollitt and Board of Education

FROM: Grace Kendrick

DATE: 12/4/2017

RE: Additional Personnel

Due to the increased enrollment and significant needs of the children who qualify for early childhood special education, I am requesting an additional teacher and paraprofessional position effective immediately. Both of these positions will be fully funded by DESE and will be carefully monitored each year in order to be in compliance with case-load standards.

Please contact me if you have any questions.

Thank you.

Proud to be a Tiger!

An Equal Opportunity Affirmative Action Employer
Sedalia School District #200 Central Office
2806 Matthew Drive
Sedalia, MO 65301

SEDALIA #200 SCHOOL DISTRICT

Resolution: SEAL OF BILITERACY

Rationale:

The Sedalia#200 School District upholds that the mastery of two or more languages makes important contributions to a student’s cognitive development, understanding of diverse cultures, and economic opportunities.

WHEREAS, literacy in two or more languages represents a challenging academic standard;

WHEREAS, developing a child’s home language is a strong foundation for academic literacy in English;

WHEREAS, bilingualism builds trust and understanding across languages and cultural groups in our community;

WHEREAS, the study of world languages prepares students to communicate effectively in a global political, social and economic context;

WHEREAS, the demand for employees to be fluent in more than one language is increasing both in Missouri and throughout the world;

The Sedalia #200 School District hereby adopts a *Seal of Biliteracy* to be placed on transcripts of students who have attained high levels of proficiency in English and one other language. Through the implementation of this *Seal of Biliteracy*, the district seeks to:

- Encourage students to develop biliteracy skills;
- Revitalize and promote world and heritage language instruction in our schools;
- Encourage the development of K-12 dual language immersion programs in our schools;
- Recognize and honor our rich and diverse language assets;
- Provide universities and employers with a method of identifying people with language and biliteracy skills.

NOW, THEREFORE BE IT RESOLVED by the Sedalia #200 Board of Education of Sedalia, Missouri approved the **Seal of Biliteracy**, effective immediately.

ADOPTED _____

I hereby certify the foregoing to be a full, true and correct resolution duly adopted by the Board of Education of the Sedalia #200 School District.

President, Sedalia #200 School District

Secretary of the Board



SSD

Sedalia School District #200

District Office
2806 Matthew Drive
Sedalia, Missouri
65301-7981
(660) 829-6450
Fax (660) 827-8938
www.sedalia200.org

Bradley R. Pollitt, Ed.S.
Superintendent

Nancy L. Scott, Ed.D.
Assistant Superintendent
Human Resources
Federal Programs

Steven G. Triplett, Ed.S.
Assistant Superintendent
Buildings & Grounds
Support Services

Chris Pyle, Ed.S.
Director of
K-12 Special Education

Carla Wheeler, M.E.D.
Director of Curriculum
Instruction & Assessment

Bob Satnan, B.A.
Communications Director

TO: Sedalia School District #200 Board of Education
Brad Pollitt

FROM: Steve Triplett

DATE: December 18, 2017

RE: E-Rate Funding

The current Category 2 cycle will be ending with the 2019-2020 funding year. We are currently eligible for reimbursement at individual schools as follows:

• Heber Hunt	\$31,963
• Horace Mann	\$21,528
• Parkview	\$36,224
• Skyline	\$35,922
• Washington	\$13,032
• Whittier	\$9,300
• SCHS	\$201,646
• SCJH	\$156,954
• SMS	\$56,206
Total	\$562,775

Items eligible for Category 2 funding are as follows:

- Access points used in a local area network (LAN) or wireless local area network (WLAN) environment (such as wireless access points)
- Antennas, cabling, connectors, and related components used for internal broadband connections
- Caching
- Firewall services and components separate from basic firewall protection provided as a standard component of a vendor's Internet access service.
- Switches
- Routers
- Racks
- Uninterruptible Power Supply (UPS)/Battery Backup
- Wireless controller systems
- Software supporting the components on this list used to distribute high-speed broadband throughout school buildings and libraries

I will be working with Dr. Jim Earle to finalize our needs by the end of 2017. Please feel free to contact me if you need further information.

Accredited with
"Distinction in
Performance
2011-2012
2012-2013"

Sedalia #200 is an equal
opportunity and affirmative
action employer

	<p>PROJECT LEAD THE WAY: Change program description to read as follows: Project Lead the Way (PLTW) is a nationally recognized engineering curriculum being offered through the Sedalia School District. There are three different engineering pathways offered at Smith-Cotton High School: Pathway to Engineering, Pathway to Computer Science, and Pathway to Biomedical Science. Each of these pathways offer engineering courses that engage students in hands-on activities, projects, and problems that are reflective of real-world challenges. This compelling, real-world approach empowers students to learn essential, in-demand skills validated by the world's leading companies, while also providing an invaluable connection between what students are learning in the classroom today and how it applies to the paths they'll take in the future. Ask your School Counselor about information regarding PLTW or go to www.pltw.org. Dual credit can be awarded through SFCC, UCM, or Missouri S & T. See Project Lead the Way instructor for more information.</p> <p>Weighted Class Information: updated Weighted course offerings, removed courses already listed for Dual Credit and Advanced Placement.</p> <p>End of Course/End of High School Assessment Plan: Changed statement for number six to read as follows: ASVAB and/or ACT during students' junior year.</p> <p>Added Seal of Biliteracy: Program Description reads as follows: An award for biliteracy is not available at the state level, but the Sedalia School District has chosen to develop such an award to encourage the study of world languages and to recognize the achievement of students who attain proficiency in both English and another language.</p> <p>In order to recognize and encourage linguistic proficiency and cultural literacy, the Sedalia School District shall present a biliteracy award to each graduating high school student who demonstrates proficiency in speaking, reading, and writing in one or more languages in addition to English. The Superintendent will approve applications based on a review of student qualifications in accordance with the Board of Education policy and district-established criteria.</p> <p>Added LAUNCH Program: Program Description reads as follows: LAUNCH is Missouri's solution for course access for school districts and families in need of flexible and personalized learning options. LAUNCH courses meet both individual student's needs and the needs of the Sedalia school district by providing virtual course options for the students. Through this program, S-C can offer high quality virtual courses which Missouri learning standards are taught by Missouri teachers.</p> <p>Added Missouri Options: Program Description reads as follows: Students that will complete or have completed their elective coursework and are behind on core credits can prepare for the Missouri Options test by attending classes at the SFCC Career and Technical Center. After taking and passing the Missouri Options test a Smith-Cotton High School diploma can be awarded, providing the basic requirements have been met in accordance with the MISSOURI OPTION contract. STUDENTS ARE NOT ELIGIBLE FOR THIS PROGRAM UNTIL THE YEAR THEIR COHORT GROUP GRADUATES!</p>
<p>Changing Schedules Pg. 15</p>	<p>Changing Schedules: updated information to read as follows: Students are encouraged to create a six (6) year plan (starting their 7th grade year) of studies with parents and counselors. This enables students to acquire a better-balanced high school education and allows them to receive all courses desired during high school.</p> <p>CHANGING SCHEDULES: Changes have to be requested during the first two days of the semester. See your counselor for this information. It is the student's responsibility to complete the enrollment form accurately. If a student has a question during pre-enrollment, that is the time to ask for clarification.</p> <p>Updated Counselor information</p>
<p>Course Listing Pg. 16-17</p>	<p>Updated Smith-Cotton Course Listings to include new courses and added symbols that designate weighted and dual credit courses offered.</p>
<p>English Dept.</p>	<p>HONORS ENGLISH I: remove course</p>

<p>Pg. 18-19</p>	<p>HONORS ENGLISH II: remove course</p> <p>HONORS ENGLISH III: remove course</p> <p>HONORS ENGLISH IV: remove course</p> <p>ENGLISH IV: updated course description to read as follows: This course of study is designed to assist students in adjusting to a 4-year college instruction by promoting self-initiating skills in the areas of note taking, studying for various types of examinations, problem-solving, and composition forms which include expository, argumentative and narrative writing, critiques and essay exams. Emphasis in this course of study will be a thorough and rigorous study of grammar, composition, critical and literary analysis, argumentative writing, research paper preparation, and vocabulary building. British/American literature will be included in the required reading with novels, dramas, poems, non-fiction, short stories and other forms of literature providing a basis for reading and comprehension.</p> <p>ADVANCED PLACEMENT ENGLISH LITERATURE and COMPOSITION: examination fee increase to \$94.00. Updated course description to read as follows: This course will provide students with the opportunity to earn college credit while still in high school, this Advanced Placement English Literature course follows the curricular requirements described in the most current AP English Course Description and is designed to help students develop a critical awareness about literature; recognize connections among works of literature that span time, nationality, and genre; increase their awareness of literature and good writing as major sources of civilization's significant ideas; respond thoughtfully to literature; vary the tone and form of their writing; evaluate their own writing as well as the writing of their peers; and grow intellectually and develop the skills necessary for critical reading, writing, and thinking.</p> <p>SPEECH: remove course</p> <p>CREATIVE WRITING: added English Elective credit</p> <p>Add new course: GLOBAL STUDIES: One-half (1/2) credit- 12th grade. Students will engage in the reading of works from a variety of places and perspectives to understand how universal themes span culture and time periods. Through the use of a variety of mentor texts and supplemental works (novels, short stories, poems, articles, etc.), students will further develop their ability to interpret and analyze literary and informational selections. Student will continue to develop more precise writing skills and write literary analyses, arguments, and narrative pieces, focusing on the skills of topic development, organization, diction/syntax, and the use of textual evidence.</p> <p>READING FICTION: added English Elective credit</p> <p>READING 101: name change to Strategic Reading, added English Elective credit</p>
<p>Social Studies Dept. Pg. 19-21</p>	<p>ADVANCED PLACEMENT U.S. HISTORY: examination fee increase to \$94.00.</p> <p>Add new course: ADVANCED PLACEMENT WORLD HISTORY: One (1) credit- 11th & 12th grades. <i>This class is WEIGHTED.</i> The AP World History course is structured around the investigation of five course themes and 19 key concepts in six different chronological periods, from approximately 8000 B.C.E to the present. This course covers the following concepts: Interaction between humans and the environment, development and interaction of cultures, state building, expansion, and conflict, creation, expansion, and interaction of economic systems, and development and transformation of social structures. Students choosing to take the Advanced Placement World History examination in May will pay a \$94.00 testing fee.</p>
<p>Science Dept. Pg. 21-23</p>	<p>ADVANCED PLACEMENT BIOLOGY: examination fee increase to \$94.00</p> <p>Add new course: ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE: One (1) credit- 10th, 11th & 12th</p>

	<p>grades. Prerequisite: B- or higher in previous science course. This class is WEIGHTED. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students choosing to take the Advanced Placement Environmental Science examination will pay a \$94.00 testing fee.</p> <p>Add new course: METEOROLOGY: One-half (1/2) credit- 11th & 12th grades. Prerequisite: Earth Science. Study of the atmosphere and local, regional, and global weather patterns. Areas of study will include history of meteorology, atmospheric structure, components of weather, air masses and fronts, station models and forecasting, severe weather, and climate change. Reading and writing intensive.</p> <p>Add new course: SCIENCE RESEARCH COURSE: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: Biology AND a letter of recommendation from previous science teacher. Science research is designed to be a student-initiated independent research course, which requires a substantial research project.</p> <p>Add new course: GENERAL CHEMISTRY I w/LAB: (DUAL CREDIT): One (1) credit- 12th grade. Prerequisite: College Placement Test (ACT) or Dual Credit College Algebra with a C or better. It is strongly recommended that students take these tests before the beginning of the following school year. This dual credit class is WEIGHTED. First of two course sequence that introduces the fundamental principles of chemistry and the reactivity of chemical elements and compounds. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, and the mole concept and its applications.</p>
<p>Math Dept. Pg. 23-25</p>	<p>STATISTICS: name change to Introduction to Statistics, updated course description to read as follows: Completing this one semester course will give students a solid foundation in statistics so that they will experience success when they pursue post-high school studies including technical, associate's and/or bachelor's programs. The course will include elementary topics in descriptive statistics and key concepts in probability, estimation, measures of central tendency, interpreting and constructing graphs, and making sound statistical decisions.</p> <p>PRE-CALCULUS: updated course description to read as follows: Pre-Calculus combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus, and strengthens students' conceptual understanding of problems and mathematical reasoning in solving problems. Completion of this course is especially important for students intending to study calculus, physics, and other sciences, and/or engineering in college. For this course, instructional time during the first semester will focus on functions, including polynomial, rational, logarithmic, and exponential. Further work will be done with coordinate geometry and inequalities. The instructional time during second semester will focus on trigonometry and vectors. Enrollment in Calculus will require successful completion of both semesters of Pre-Calculus.</p> <p>Added a new course: STATISTICS (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II & College Placement Test (ACT). This dual credit class is WEIGHTED. This course covers a study of elementary statistics. Topics covered include descriptive statistics, basic design of surveys and experiments, inferential statistics, and tests of statistical hypothesis.</p> <p>CONTEMPORARY MATH: remove course</p> <p>ADVANCED PLACEMENT CALCULUS: name change to Advanced Placement Calculus AB, examination fee increase to \$94.00</p>
<p>Drama Dept. Pg. 25-26</p>	<p>TECHNICAL THEATRE: remove course</p> <p>ACTING: remove course</p>

	<p>Added a new course: THEATRE III One (1) credit – 10th, 11th & 12th grades. <u>Prerequisite:</u> Theatre I & II and teacher approval. This class is for students who have demonstrated exceptional skill and commitment in the areas of acting and technical theatre in Theatre I and Theatre II. Success requires rigorous study, excellence in performance and/or technical theatre and an extensive knowledge of all areas of theatre including production, direction, and dramatic literature. The student will write, act, design, direct, research, compare, analyze, and understand context. Units include Reader's Theatre, Play production, and research on famous playwrights, Technical Theater Concepts, two play evaluations, long improve elements, and puppets. Students may take this course for two years to be in both Theatre III and then Theatre IV. Project based and requires some outside class time.</p> <p>Added a new course: THEATRE IV: One (1) credit – 10th, 11th & 12th grades. <u>Prerequisite:</u> Theatre I, II, III and teacher approval. This advanced top-level course is designed for students who have demonstrated exceptional skill and commitment in the areas of acting and technical theatre in Theatre I, II, and III. Success requires rigorous study, excellence in performance and/or technical theatre and an extensive knowledge of all areas of theatre including production, direction, and dramatic literature. Students in this course will focus on Directing, Monologue Workshop/Resume/Portfolio/Headshots, Acting for Film and Television, and an Advanced Theatre Showcase. Project based and requires some outside class time.</p>
<p>Art Dept. Pg. 26-27</p>	<p>Added a new course: PRINTMAKING/FIBERS: One (1) credit- 9th, 10th, 11th, & 12th grades. <u>A materials fee of \$25 per semester is required.</u> The focus of this class will be on techniques, history and concepts related to fibers and printmaking. Fiber techniques to be explored include dying, crocheting, surface design, sewing, weaving, felting, basketry techniques, bookmaking, and papermaking. Printmaking techniques will include monoprinting, linocut and silkscreen.</p>
<p>Music Dept. Pg. 27-28</p>	<p>ADVANCED PLACEMENT MUSIC THEORY: examination fee increase to \$94.00</p>
<p>PRACTICAL ARTS Pg. 28</p>	<p>Update description to: <i>Courses in ENGINEERING & COMPUTER SCIENCE, BIOMEDICAL, VOCATIONAL FAMILY & CONSUMER SCIENCE, BUSINESS EDUCATION, MARKETING EDUCATION and SFCC CAREER & TECHNICAL CENTER meet the PRACTICAL ART requirement.</i></p>
<p>Engineering Dept. Pg. 28-30</p>	<p>Department name update to: Engineering Department</p> <p>DRAFTING & DESIGN TECHNOLOGY: remove course</p> <p>INTRODUCTION TO ENGINEERING DESIGN: updated course description to read as follows: This is the first foundation course of the engineering program and it is intended to be the first course taken by students interested in engineering. In this course students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. This course is eligible for dual credit.</p> <p>PRINCIPLES OF ENGINEERING: updated course description to read as follows: This is the second foundation course of the engineering department. This course explores various engineering disciplines along with the math, science, design, and problem solving skills associated with each of them. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will learn about various engineering principles and apply them to a variety of hands on projects. This course is eligible for dual credit.</p> <p>DIGITAL ELECTRONICS: updated Prerequisite to IED and POE, updated course description to read as follows: Digital electronics is the foundation for all modern electronic devices such as cellular phones, MP3 players, computers, digital cameras and high-definition Digital televisions. The major focus of this course is to expose students to the foundational design, usage, and logic of the components that make up digital electronic devices. Students will learn about various electrical components and they will design and build a variety of electrical projects. This is a specialized PLTW course designed to be taken after the foundation courses of IED and POE. This</p>

course is eligible for dual credit.

CIVIL ENGINEERING AND ARCHITECTURE: updated Prerequisite to IED and POE, updated course description to read as follows: Students in this course learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3-D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This is a specialized PLTW course designed to be taken after the foundation courses of IED and POE. **This course is eligible for dual credit.**

ENGINEERING DESIGN & DEVELOPMENT: updated Prerequisite to IED and POE, added statement: Students should also take an additional specialty course.

ROBOTICS: updated Prerequisite to IED and POE or by prior teacher approval

CNC MANUFACTURING & MACHINING: updated Prerequisite to IED and POE or by teacher approval, removed dual credit option for course

INTRODUCTION TO COMPUTER SCIENCE: name change to Computer Science Essentials, updated course description to read as follows: This is the first foundation course of the computer science program and it is intended to be the first course taken by students interested in computer science. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES: examination fee increased to \$94.00, updated course description to read as follows: This is the second foundation course in the computer science department. Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. **Students choosing to take the Advanced Placement Computer Science Principles examination in May will pay a \$94.00 testing fee.**

Added a new course:

(CSA) ADVANCED PLACEMENT COMPUTER SCIENCE A: One (1) credit- 11th & 12th grades. Prerequisite: CSE and CSP or by teacher approval. This class is WEIGHTED. Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. **Students choosing to take the Advanced Placement Computer Science A examination in May will pay a \$94.00 testing fee.**

Added a new course:

CYBERSECURITY: One (1) credit- 11th & 12th grades. Prerequisite: CSE and CSP or by teacher approval. This class is WEIGHTED. Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. **Cybersecurity will be available fall 2019.**

Added a new course:

(PBS) PRINCIPLES OF BIOMEDICAL SCIENCE: One (1) credit- 9th, 10th, 11th, & 12th grades. Prerequisite: Currently taking or have taken biology. This class is WEIGHTED. This is the first foundation course of the biomedical science program and it is intended to be the first course taken by students interested in biomedical science. Students are introduced to biomedical

	<p>science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.</p> <p>Added a new course: (HBS) HUMAN BODY SYSTEMS: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: PBS. This class is WEIGHTED. This is the second foundation course of the biomedical science program and it is intended to be taken after PBS. Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases, and often play the role of biomedical professionals to solve medical mysteries. This course will be available fall of 2019. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.</p> <p>Added a new course: (MI) MEDICAL INTERVENTIONS: One (1) credit- 11th & 12th grades. Prerequisite: PBS and HBS. This class is WEIGHTED. This is a specialty course in the biomedical science program and it is intended to be taken after PBS and HBS. Students in this course investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. The course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios students will be exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. This course will be available fall of 2019. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.</p> <p>Added a new course: (BMI) BIOMEDICAL INNOVATIONS: One (1) credit- 11th & 12th grades. Prerequisite: PBS and HBS. This class is WEIGHTED. This is the capstone course of the biomedical science program and it is intended to be taken after PBS and HBS. In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. This course will be available fall of 2020. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.</p>
<p>Vocational Family & Consumer Science Pg. 31-32</p>	<p>CAREER & FAMILY LEADERSHIP: remove course</p>
<p>Business & Marketing Education Pg. 32-34</p>	<p>TIGER PRIDE PRODUCTIONS: name change to Tiger Vision</p> <p>Added a new course: INTRODUCTION TO COMPUTER SCIENCE: One-half (1/2) credit – 9th, 10th, 11th, & 12th grades. This course addresses the knowledge and skills required of students desiring to have a career in technology. This class will include basic programming concepts, variables, modular program design, incorporating graphics and simple data structures. The student will analyze and define problems, create a programming outline, write computer code to solve problems, find errors and debug the program and make it into an executable file. The student will learn and practice ethical behavior in areas of programming and using software. This course is not required, but recommended, for students who plan to take Computer Science Essentials (PLTW).</p>

<p>Foreign Language Dept. Pg. 35-36</p>	<p>LEVEL I- SPANISH: updated course description to read as follows: The level I Spanish course will introduce students with little or no Spanish knowledge to basic vocabulary and sentence structure. Students will explore customs and traditions of Spanish-speaking countries. <i>This course is not designed for native Spanish speakers, who would be better placed beginning in a more advanced level.</i></p> <p>LEVEL I- FRENCH, GERMAN: updated course description to read as follows: The level I French or German course will introduce students to basic vocabulary and sentence structure. Students will explore customs and traditions of French or German-speaking countries.</p> <p>LEVEL II- SPANISH: added Prerequisite of Level I with grade of C or better, updated course description to read as follows: The level II Spanish course is a continuation of level I, emphasizing the ability to narrate the past. <i>This course is not designed for native Spanish speakers, who would be better placed beginning in a more advanced level.</i></p> <p>LEVEL II- FRENCH, GERMAN: updated course description to read as follows: The level II French or German course is a continuation of level I, emphasizing the ability to narrate the past.</p> <p>LEVEL III- SPANISH: updated Prerequisite to add native Spanish speaker, updated course description to read as follows: <i>This class is WEIGHTED.</i> The level III Spanish course is a continuation of level II, emphasizing communication skills and intermediate concepts.</p> <p>LEVEL III- FRENCH, GERMAN: updated course description to read as follows: The level III French or German course is a continuation of level II, emphasizing communication skills and intermediate concepts.</p> <p>LEVEL IV- SPANISH: examination fee increased to \$94.00</p> <p>LEVEL IV- FRENCH, GERMAN: examination fee increased to \$94.00</p> <p>Added a new course: LEVEL V- SPANISH: One (1) credit- 12th grade. Prerequisite: Level IV or native Spanish speaker. This class is WEIGHTED. The level V Spanish course is a continuation of level IV, emphasizing communication skills and advanced concepts. This class is conducted almost entirely in Spanish. Students choosing to take the Level V Foreign Language (AP) examination in May will pay \$94.00.</p>
<p>Additional Courses/Electives Pg. 36-38</p>	<p>Added English as a Second Language- Levels II, III, IV to this section as these levels count as elective credit not English credit.</p> <p>PRACTICAL JOURNALISM: remove course</p> <p>SMITH-COTTON MEDIA: changed from 1 credit to ½ credit, added 9th grade</p> <p>ACT PREP: added statement that this course may only be taught through LAUNCH</p> <p>SFCC MISSOURI OPTIONS: removed from this section and moved to General Enrollment Information section</p>
<p>CAREER & TECHNICAL EDUCATION Pg. 39-40</p>	<p>ELECTRIC & POWER: name change to Industrial Equipment Maintenance</p> <p>CTC EMBEDDED MATH: added statement SEE YOUR COUNSELOR FOR ELIGIBILITY REQUIREMENTS FOR THIS EMBEDDED CREDIT</p> <p>CTC EMBEDDED LANGUAGE ARTS: added statement SEE YOUR COUNSELOR FOR ELIGIBILITY REQUIREMENTS FOR THIS EMBEDDED CREDIT</p>

Dear Parents and Students:

This Educational Planning Guide contains a wealth of information to assist as you organize and implement a plan for your high school career and beyond.

The career path information offers a range of possible careers for each student to consider. Parents can use the career path information to discuss career opportunities with their children.

Student course selection is very important. Schedule changes can be very difficult and/or denied; therefore, students and parents should carefully consider course selections to ensure the most appropriate choices for students. The teachers, counselors, and administrators are available to assist students and parents as they make course decisions. Please do not hesitate to ask for this assistance.

Sincerely,

Smith-Cotton High School and Whittier Administrative & Counseling Teams



**Sedalia School District #200
Web Site**

www.sedalia200.org

**SEDALIA SCHOOL DISTRICT #200
EDUCATIONAL PLANNING GUIDE**

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HIGH SCHOOL COURSE GRADUATION REQUIREMENTS

EIGHT SEMESTERS of HIGH SCHOOL ATTENDANCE are strongly recommended for all students. If students have completed all required courses and have earned 24 units of credit, early graduation requests will be considered on a case by case basis. Students must submit a letter of their intent to graduate early to the principal the semester before they plan to graduate.

CURRICULAR AREAS	COURSE OFFERINGS
ENGLISH (4 Units)	English I, English II, English III, English IV <u>Advanced Placement:</u> AP English Literature and Composition <u>Dual Credit:</u> English Composition I & English Composition II
SOCIAL STUDIES (3 Units)	World History, American History, American Government (1/2 unit), Economics, Law & You, Geography, Missouri History, Current Events, The Holocaust, History of Vietnam War, History of Civil War <u>Advanced Placement:</u> AP US History, AP World History <u>Dual Credit:</u> US History Before 1877, World Civilization Before 1500, National Government
MATHEMATICS (3 Units)	Intro to Algebra, Algebra A, Algebra B, Real World Math, Algebra I, Algebra II, Algebra III, Honors Algebra II, Geometry Concepts, Geometry, Pre-Calculus, Introduction to Statistics <u>Advanced Placement:</u> AP Calculus AB <u>Dual Credit:</u> Statistics, College Algebra, College Trigonometry, Calculus
SCIENCE (3 Units)	Biology, Physical Science, Earth Science, Environmental Science, Chemistry I, Chemistry II, Physics I, Physics II, Zoology, Human Physiology I & II, Forensic Science, Astronomy, Meteorology <u>Advanced Placement:</u> AP Biology, AP Environmental Science <u>Dual Credit:</u> Human Biology, General Chemistry I w/Lab
FINE ARTS (1 Unit)	See Course Offerings
PRACTICAL ARTS (1 Unit)	See Course Offerings
PHYSICAL EDUCATION (1 Unit)	Personal Fitness, Athletic Conditioning, Lifetime Sports
PERSONAL FINANCE (1/2 Unit)	Personal Finance
HEALTH (1/2 Unit)	Health
ELECTIVES (7 Units)	See Course Offerings
Totals	24 Credits

POST-HIGH SCHOOL EDUCATION ADMISSIONS REQUIREMENTS

CURRICULAR AREAS	Entering Freshman University of Missouri System Credit Requirements	Missouri Public 4 Year Colleges (i.e. UCM, MSU) Credit Requirements	Community & Technical Colleges (State Fair Community College, etc.)	Military Careers
COMMUNICATION SKILLS	4 Units	4 Units	 HIGH SCHOOL Diploma HIGH SCHOOL Diploma ACT or Accuplacer Placement Score is Required 	HIGH SCHOOL Diploma ASVAB Score is Required     
SOCIAL STUDIES	3 Units Government 1/2	3 Units Government 1/2		
MATHEMATICS	4 Units Algebra 1 & Higher	3 Units Algebra 1 & Higher		
SCIENCE	3 Units	3 Units		
FINE ARTS	1 Unit	1 Unit		
PRACTICAL ARTS	0 Units	0 Units		
PHYSICAL EDUCATION	0 Units	0 Units		
ADDITIONAL ELECTIVES	2 Units 2 Years of the Same Foreign Language	3 Units of Upper Level Electives		
OTHER REQUIREMENTS	Appropriate class rank and a minimum score of 24 on the ACT	Appropriate class rank and ACT score		



Missouri State
UNIVERSITY



CAREER PLANNING INFORMATION

Individual Career Planning Vocabularies

1. **Life Career Development:** Self-development over the life span through the integration of roles, settings, and events of a person's life.
2. **Individual Planning:** The process of on-going educational and career-planning services that helps all students develop personal plans of study organized around programs of study and their personal, career, and educational goals.
3. **Personal Plan of Study (PPOS):** A student's scope and sequence of coursework and related activities based upon their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful post-secondary transition and is the key component of the Individual Planning process.
4. **Program of Study (POS):** Secondary-to-post-secondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a post-secondary degree or industry-recognized certificate or credential.
5. **Career Paths to Clusters which leads to Career Pathways:** A progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.
6. **Missouri Connections:** A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and explore degree programs. www.missouriconnections.org

How to choose a Career Path or Cluster:

1. Identify your interests, abilities, and talents.
2. Identify the career path or cluster that relates to your interests, abilities, and talents.
3. Explore occupations in those career paths or clusters.
4. Decide how much education you want to receive after high school.
5. Develop a personal plan of study by selecting courses and co-curricular activities that relate to your career educational and career goal.
6. If undecided regarding a career path or cluster, choose courses from different career areas to give you a better idea of your interests.

CAREER PATHS INFORMATION

ARTS AND COMMUNICATION

Occupations related to the humanities and the performing, visual, literary, and media arts may include architecture, interior design, creative writing, fashion design, film, fine arts, graphic design, production, journalism, languages, radio, television, advertising, and public relations.

Are you a creative thinker, imaginative, innovative, original, and like to communicate ideas? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Arts and Communication:

Art Courses	Vocal or Instrumental Courses	Business/Marketing Courses
Theatre courses	FACS Courses	Competitive Speech & Debate
Graphic Design @ SFCTC	PLTW Courses	Psychology
Sociology	Foreign Language (2 years)	Journalism/Media Courses

Occupations in this career path may include:

Broadcast Technician	Radio & TV Announcer/News	Sign Painter
Architect	Musician	Model
Jeweler	Dancer & Choreographer	Reporter & Correspondent
Commercial Artist	Interior Decorator	Actors, Director & Producer
Interpreter & Translator	Industrial Designer	Writer & Editor
Designer	Florist	Public Relations Specialist
Technical Writer	Fashion Designer	Graphic Artist (Visual Artist)

BUSINESS, MANAGEMENT, & TECHNOLOGY

Occupations related to the business environment may include entrepreneurship, sales marketing, computer/information systems, finance, accounting, personnel, and management.

Do you like being a leader, organizing people, planning activities for others and talking with important people? Do you like working with numbers or ideas, like to carry through an idea and see the end product, like to know what is expected of you, and like things around you to be neat and orderly? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Business, Management, & Technology:

Business/Marketing Courses	PLTW Computer Science	Psychology
FACS Courses	Sociology	Upper Level Math Courses
Upper Level Science Courses	Foreign Language (2 years)	Economics

Occupations in this career path may include:

Accountant & Auditor	Retail Sales	Bank Teller
Building Manager	Stock Broker	Billing Clerk
Travel Agent	City Manager	Actuary
Court Clerk/Reporter	Credit Manager	Information Technology
Postmaster & Mail Supt.	Computer Programmer	Postal/File Clerk
Real Estate Mgr./Agent/Broker	Dispatcher	Mathematician/Statistician
Shipping & Receiving Clerk	Administrative Assistant	

HEALTH SERVICES

Occupations related to the promotion of health and the treatment of disease may include research prevention, treatment and related technologies.

Do you like helping people who are sick or helping people stay well? Are you interested in new diseases and how the body works? Do you like observing people and looking for changes in how they are doing? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Health Services:

Upper Level Science Courses
Health Occupations @ SFCTC
Foreign Language (2 years)

FACS Courses
Upper Level Math Courses
Psychology

Accounting
Biomedical Courses
Sociology

Occupations in this career path may include:

Activities Therapist
Ambulance Attendant
Dietician & Nutritionist
Occupational Therapist
Occupation Therapy Assistant
Optometric Assistant
Pharmacist
Physical Therapist
Physician Assistant
Recreational Therapist
Respiratory Therapist
Pathologist & Audiologist

Dental Assistant
Home Health Aide
Medical Assistance
Chiropractor
Nursing Aide
Optician
Optometrist
Physician
Podiatrist
Registered Nurse
Dental Hygienist
Ultrasound Tech

Dental Lab Technician
Radiology Technologist
Dialysis Technician
Dispensing Optician
EEG Technologist
Emergency Med Technician
Industrial Hygienist
Licensed Practical Nurse
Medical Records Technician
Nuclear Medicine Technician
Ophthalmic Laboratory Tech
Surgical Technician

HUMAN SERVICES

Occupations related to economic, political and social systems may include education, government, law enforcement, leisure and recreation, military, religion, child care, and social services.

Are you friendly, open, outgoing, understanding, and cooperative? Do you like to work with people to help solve problems? Is it important to you to do something that makes things better for other people? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Human Services:

Psychology
Business/Marketing courses
Foreign Language (2 years)
Early Childhood Careers @ SFCTC

Sociology
FACS Courses
Upper Level Math Courses
Criminal Justice @ SFCTC

Economics
Art courses
Library Media Skills

Occupations in this career path may include:

Court Administrator
Lawyer & Judge
School Teacher/Teacher Aide
Pest Control
Flight Attendant
Air Traffic Controller
Counselor/Psychologist/Sociologist

Librarian/Library Technician
Preschool/Childcare Worker
Recreation Attendant/Worker
Minister, Rabbi, Priest
Food & Beverage Service
College Faculty
Police, Detectives & Special Agent

Funeral Director
Correction Officer
Firefighter
Chef & Cook
Aircraft Pilot
Social Worker
Cosmetologist

INDUSTRIAL AND ENGINEERING TECHNOLOGY

Occupations related to the technologies necessary to design, develop, install, or maintain physical systems may include engineering, manufacturing, construction, service, and related technologies.

Are you mechanically inclined, practical, like to use your hands and build things, and like to know how things work? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Industrial and Engineering Technology:

PLTW Engineering courses	PLTW Computer Science courses	Building Trades @ SFCTC
Automotive Srvc Tech @ SFCTC	Welding @ SFCTC	Electrical & Power @ SFCTC
Business Technology	Precision Machining @ SFCTC	Physics
Upper Level Math Courses	Psychology	Sociology

Occupations in this career path may include:

Engineer	Industrial Machinery Repair	Electrician
Line Installer/Cable Splicer	Engineering Technician	Musical Equipment Repair
Forklift Operator	Robotics Technician	Small Engine Repair
Highway Maint. Worker	TV & Radio Repair	Insulation Worker
Painter & Paperhanger	Aircraft Mechanic	Machinist
Plumber & Pipefitters	Roofer	Automotive Body Repair
Welder	Sheetmetal Worker	Automotive Mechanic
Biomedical Technician	Diesel Mechanic	Bricklayer
Electronic Equip. Repair	Bulldozer Operator	Broadcast Technician
Farm Equip. Mechanic	Carpenter	Heating/AC Repair
Home Appliance Repair	Engineering Technician	Drywall Worker
Carpet Installer	Surveyor	

NATURAL RESOURCES

Occupations related to the environment and natural resources may include agriculture, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Are you a nature lover, practical, curious about the physical world, interested in plants and animals, like to be physically active? Do you like to observe, learn, investigate, or solve problems? This career path may be for you!

The following classes will help support the exploration and preparation for a career in Natural Resources:

Upper Level Science Courses	Psychology	Sociology
Law and You	IED	Drafting & Design Technology
Accounting	Upper Level Math Courses	Foreign Language (2 years)

Occupations in this career path may include:

Agricultural Scientist	Physicist & Astronomer	Animal Caretaker
Agriculture Engineer	Biological Scientist	Coop. Extension Service
Forester & Conservationist	Farm Operator & Manager	Veterinarian
Farm Worker	Vet Laboratory Assistant	Fish & Game Warden
Chemist	Gardener/Groundskeeper	Geologist & Geophysicist
Landscape Architect	Meteorologist	Nursery Worker
Horticulturist		

GENERAL ENROLLMENT INFORMATION

GRADES AND GRADE POINT SYSTEM

Grades will be issued at the end of each 18 week semester. A progress report will be issued at mid-semester. It is the student's responsibility to present grades to parents. Semester grades are based on cumulative points in the following areas: tests, assigned work, class participation, and special assignments. Grades are based on the following percentages:

95-100%	A	4.00	80-82%	B-	2.67	67-69%	D+	1.34
90- 94%	A-	3.67	77-79%	C+	2.34	63-66%	D	1.00
87- 89%	B+	3.34	73-76%	C	2.00	60-62%	D-	0.67
83- 86%	B	3.00	70-72%	C-	1.67	0-59%	F	0.00

SIS parent portal is available to all families. Contact counseling office if you have questions about accessing the parent portal.

HONOR ROLL/ACADEMIC HONORS

Smith-Cotton High School grades are based on a 4.0 scale. Honor roll is based on semester grades and grade point average. Students who obtain a 3.0 up to 3.66 will be on the Honor Roll. Those with 3.67 or above will be on the Principal's Honor Roll. Students can receive an academic letter by earning a 3.34 or above for 3 semesters.

ADVANCED STUDIES

Several special programs are designed to meet the needs of academically talented students, providing intellectual challenge through curriculum. These programs are designed to provide students a competitive advantage for college admission or other advanced study and increase their scholarship opportunities. The programs are listed below:

**Advanced Placement (AP)
Courses for Dual Credit
Project Lead the Way (PLTW)
Articulated Credit**

Students and their parents should meet with a school counselor to investigate all opportunities and options available through the programs. Please be aware that acceptance of credit through these programs is determined by individual colleges. Students and parents will also find the following brief explanations of each program helpful.

Advanced Placement (AP)

The Advanced Placement Program is essentially a way for schools to provide their stronger students with courses of study appropriate to their abilities and interests, with reasonable assurance that these studies will not be repeated at college.

Smith-Cotton High School offers several AP courses to sophomores, juniors and seniors. All AP courses culminate in a comprehensive AP examination administered by the College Board, a non-profit organization that administers the program. Most colleges will accept successful completion of the exam for either advanced placement alone or for both dual credit and advanced placement. Up-to-date information concerning university recognition policies can be found at <http://www.collegeboard.com/student/testing/ap/about.html>. **Students are strongly encouraged to take the final AP examination and must receive a particular score to receive college credit. Please refer to college of choice or bring questions to the Smith-Cotton High School Counseling office. Examination fee is \$94.00.** Below is a list of all AP courses offered by our school:

AP Biology	AP Calculus AB	AP Computer Science A (CSA)
AP Music Theory	AP World History	AP Computer Science Principles (CSP)
AP U.S. History	AP Environmental Science	AP English Literature and Composition
AP Foreign Languages Level IV & V		

Courses for Dual Credit

All dual credit courses taken on Smith-Cotton High School campus are weighted. The Sedalia School District #200, State Fair Community College (SFCC), along with University of Central Missouri (UCM) and the University of Missouri S&T have agreements whereby high school sophomores, juniors and seniors, with qualifying scores, may enroll in college courses and receive both high school and college credit. To be eligible, students must have a GPA of 3.0/4.0. **There MUST be a minimum of ten students in order for the class to actually be taught at Smith-Cotton High School.** Students may also enroll in day or evening dual credit classes offered on the SFCC campus with approval of their school counselor. Equating college hours to high school credit has been established as: 5 college hours = 1 unit of high school credit; 3 college hours = ½ unit of high school credit; 2 college hours = ½ unit of high school credit. To enroll or to obtain more specific details on “Dual Credit” and how it would fit into a daily school schedule, parents and students should contact a school counselor. Any dual credit class not taken “on level” or considered remedial will be awarded an elective credit.

The following is a list of Dual Credit courses that we may offer to our students. It may be acceptable for a student to be enrolled in some dual credit courses without paying the fee for the college credit; upon successful completion of the course they will earn the weighted high school credit. Fees will only be collected at the beginning of the semester if college credit is desired. **Tuition for these courses must be paid to the college. Students may apply for a scholarship to assist with tuition made available by the Sedalia School District Foundation (SSDF). The SSDF awards a certain number of scholarships for SFCC courses each year only. It is strongly recommended that students take the ACT test before the beginning of the school year.**

Course	Requirements	Credit Hours
Public Speaking	3.0/4.0	3
English Composition I & II	ACT English score of 18/ACT Reading score of 18	3 each
U.S. History Before 1877	ACT English score of 18/ACT Reading score of 18	3
National Government & World Civilization	ACT Reading score of 18	3 each
General Psychology & General Sociology	ACT English score of 18/ACT Reading score of 18	3 each
Statistics	ACT Math score of 22	3
College Algebra	ACT Math score of 22	3
College Trigonometry	ACT Math score of 22	2
Calculus	ACT Math score of 26	5
Human Biology	ACT English score of 18/ACT Reading score of 18	3
General Chemistry I w/lab	ACT Math score of 24	5
Music Appreciation	3.0/4.0	3
Introduction to Engineering Design	Smith-Cotton Course Enrollment	See instructor
Principles of Engineering	Smith-Cotton Course Enrollment	See instructor
Digital Electronics	Smith-Cotton Course Enrollment	See instructor
Civil Engineering & Architecture	Smith-Cotton Course Enrollment	See instructor
Principles of Biomedical Science	Smith-Cotton Course Enrollment	See instructor
Human Body Systems	Smith-Cotton Course Enrollment	See instructor
Medical Interventions	Smith-Cotton Course Enrollment	See instructor
Biomedical Innovations	Smith-Cotton Course Enrollment	See instructor

Project Lead the Way (PLTW)

Project Lead the Way (PLTW) is a nationally recognized engineering curriculum being offered through the Sedalia School District. There are three different engineering pathways offered at Smith-Cotton High School: Pathway to Engineering, Pathway to Computer Science, and Pathway to Biomedical Science. Each of these pathways offer engineering courses that engage students in hands-on activities, projects, and problems that are reflective of real-world challenges. This compelling, real-world approach empowers students to learn essential, in-demand skills validated by the world’s leading companies, while also providing an invaluable connection between what students are learning in the classroom today and how it applies to the paths they’ll take in the future. Ask your School Counselor about information regarding PLTW or go to www.pltw.org. **Dual credit can be awarded through SFCC, UCM, or Missouri S & T. See Project Lead the Way instructor for more information.**

Articulated Credit

Articulation agreements are set up for certain career, technical and occupational courses that are offered through a post-secondary institution such as State Fair Community College. Articulated credit is earned by successfully completing a career, technical or occupational course with an 80% or higher. Enrollment for articulated credit must be made while the student is enrolled in the high school equivalent course. The college credit will appear on a college transcript once a student graduates high school and earns 15 hours of college credit through the post-secondary institution. There is no cost to the student for articulated credit. Smith-Cotton does offer some articulated credit through State Fair Community College.

WEIGHTED CLASS INFORMATION

Weighted classes are given one (1) additional grade point to count towards a student's grade point average. Weighted courses offer a more rigorous curriculum to prepare students for post-secondary education.

Dual Credit and Advanced Placement classes that are ***taught on the Smith-Cotton campus*** will be weighted.

In addition to the Dual Credit and Advanced Placement classes, the following classes are weighted:

Chemistry II	Level III, IV & V Foreign Languages
Physics II	Engineering Design & Development
Human Physiology I & II	CNC Manufacturing and Machining
Zoology	Accounting II
Honors Algebra II	Accounting III
Pre-Calculus	

END OF COURSE/END OF HIGH SCHOOL ASSESSMENT PLAN

All Missouri high school students are required to take End of Course Exams following completion of these courses for graduation. ***The following are the required tests for graduation:***

1. Algebra I End of Course Assessment—***If students took Algebra I as an 8th grader, then the state requires they take Algebra II EOC for graduation.***
2. English II End of Course Assessment
3. Biology End of Course Assessment
4. American Government End of Course Assessment
5. United States & Missouri Constitution Tests—taken during high school
6. ASVAB and/or ACT during students' junior year

INDEPENDENT STUDY/CLASS BY ARRANGEMENT FOR GRADES 10-12

In this program a student may further his/her study independently under the supervision of the teacher. The school counseling department has more information for those interested students. This is determined on an individual basis.

SUMMER SCHOOL

Sedalia School District #200 may provide a summer school program for those students who have been unable to meet the basic requirements for graduation and for other students wishing additional course work. Students who have failed a required course should see a counselor and enroll for summer course work.

COMMUNITY SERVICE

Community service is designed for any student with the desire to spend time in documented, approved service to some agency or project with a community service orientation. Examples of this would be assisting in local service club projects, aiding city and state agencies, helping at hospitals and schools, etc. Eighty hours of documented service will equate to ½ credit of elective credit. Up to two hours of elective credit may be counted toward graduation. Each student will maintain records of dates, times, and services rendered. Each entry will be signed off by the person(s) responsible for the supervision of the student. A brief checklist will also rate the success of the effort. The student will also compose a summary of the total experience and submit it along with the documentation in order to receive credit. **The service projects will be performed outside of regular school hours. This class is pass/fail. See your school counselor for more information.**

SEDALIA FIT

The Sedalia FIT program's mission is to provide all students with a 40-hour internship opportunity during their junior or senior year. Business, Education and Civic leaders are building the first community-led "4 step career program" for high school students, which includes an internship, prior to their entering a technical, associate or bachelor degree program. The FIT program consists of the following four steps: assessment, interview, placement and follow-up. Step one requires each student to complete a career assessment which helps determine their "Top 5" career choices. After the assessment is completed each student meets with a career consultant to review their choices and agree on an internship that FITS with their interests and talents. The career consultant will then access the Employer Internship Network (EIN) to match the student with one of the employers in the network. Upon completion, the student provides a written description of the impact that this internship has had on their career selection process. The business provides the intern with career input and advice based upon their experiences and their interactions.

SEAL OF BILITERACY

The Sedalia School District has chosen to develop an award to encourage the study of world languages and to recognize the achievement of students who attain proficiency in both English and another language.

In order to recognize and encourage linguistic proficiency and cultural literacy, the Sedalia School District shall present a biliteracy award to each graduating high school student who demonstrates proficiency in speaking, reading, and writing in one or more languages in addition to English. The Superintendent will approve applications based on a review of student qualifications in accordance with the Board of Education policy and district-established criteria. Several state universities are working with DESE to offer upper level foreign language credit to students who meet the requirements for the Seal of Biliteracy.

LAUNCH

LAUNCH is Missouri's solution for course access for school districts and families in need of flexible and personalized learning options. LAUNCH courses meet both individual student's needs and the needs of the Sedalia school district by providing virtual course options for the students. Through this program, S-C can offer high quality virtual courses which Missouri learning standards are taught by Missouri teachers. Administrative approval required to be a part of this program.

MISSOURI OPTIONS

Students that will complete or have completed their elective coursework and are behind on core credits can prepare for the Missouri Options test by attending classes at the SFCC Career and Technical Center. After taking and passing the Missouri Options test a Smith-Cotton High School diploma can be awarded, providing the basic requirements have been met in accordance with the MISSOURI OPTION contract. **STUDENTS ARE NOT ELIGIBLE FOR THIS PROGRAM UNTIL THE YEAR THEIR COHORT GROUP GRADUATES!**

A+ SCHOOLS PROGRAM

The A+ Schools Program strives to ensure that students are prepared for and successful in life beyond high school. The A+ Schools Program provides students with continuous, progressive career information throughout the students' years at Smith-Cotton. The program focuses on ensuring students have course offerings that are rigorous and relevant to the world outside the classroom that will better prepare them for their paths after high school.

An A+ Student must:

- Must be a US Citizen or permanent resident (See the A+ Coordinator with any questions).
- Sign a **Letter of Intent** to participate in the program prior to or during the last 3 years of high school.
- Attend an **A+ School** for six consecutive semesters prior to graduation (grades 10-12).
- Graduate with an **un-weighted** cumulative GPA of 2.5 or higher on a 4.0 scale. Graduate with at least a **95%** cumulative attendance record for grades 9-12.
- Perform **50 hours** of unpaid tutoring to other students in the district.
- Maintain a record of good citizenship and avoid the use of alcohol and unlawful drugs.
- Apply for **non-repayable federal tuition assistance** before requesting A+ Student Financial Incentive Assistance by filling out the Free Application for Federal Financial Aid (FAFSA).
- Students must score **proficient or advanced** on **ONE** of the following End of Course Exams: **Algebra I, Algebra II, or Geometry**.
- If a student takes the Algebra I End of Course Exam as an 8th grader and passes with a proficient or advanced, then they have satisfied this requirement.

HOW DO YOU BECOME AN A+ STUDENT?

It is easy to become part of the A+ Schools Program. Simply read the citizen guidelines and complete the agreement. It is recommended that students sign up early in their high school careers. This allows students to complete the tutoring portion of the A+ requirements and receive college and career information from the A+ Coordinator. It also allows the coordinator to monitor the students' GPA and attendance.

It is also recommended that students enroll in the A+ Schools Program even if they plan to attend a four-year college or enter the workforce rather than attend college. This program is an opportunity for students to access additional education after high school; it does not obligate them to use the A+ tuition reimbursement. The A+ benefits are available to all A+ graduates up to four years after high school graduation.

WHAT ARE THE BENEFITS OF BEING AN A+ STUDENT?

- A student graduating with A+ status may be eligible for two years of tuition grants to attend any accredited public Missouri community college or vocational/technical school as a full-time student. Tuition benefits may cover tuition and general fees.
- The tuition grants may be available to the A+ student up to four years after high school graduation.

Parental income is not criteria for A+ student incentive reimbursement.

The rules and reimbursement for the A+ Schools Program are determined by the State Legislature. They may change at any time.

*For additional information about the A+ Schools Program
contact the A+ Coordinator.*

UPWARD BOUND--State Fair Community College

The SFCC Upward Bound program is a partnership between Sedalia School District #200 and State Fair Community College. Upward Bound is a federally funded college academic enrichment opportunity targeting first-generation high school students. Housed at Smith-Cotton High School, the program motivates participants to develop the skills necessary to complete high school and successfully pursue a four-year college degree.

Throughout the academic year, participants receive individual peer-led tutoring, academic performance stipends, college campus visits, fine arts enrichment activities, cultural field trips, a financial aid seminar, leadership training, and ACT preparation instruction. During the summer, participants take part in a 6-week college immersion experience where students live in the SFCC residence hall and take college prep classes on the college campus.

Upward Bound provides services to 50+ students attending Smith-Cotton High School. There is no cost to the participant or to the family. To qualify, applicants must meet one of the following criteria: be a first-generation college student (cannot reside with a natural/adoptive parent who has a bachelor's degree) -or- must meet a federally regulated income guideline set annually by the federal government. For more information, visit the Upward Bound Office or the State Fair Community College website.

Missouri State High School Activities Association Eligibility (MSHSAA)

Due to MSHSAA GUIDELINES, students participating in extra-curricular and co-curricular activities must pass 80% of coursework. This means that students must earn 3.0 credits per semester if enrolled only at S-CHS to be eligible. Student MSHSAA eligibility is determined by the preceding semester.

National Collegiate Athletic Association (NCAA)

Before a student is eligible to participate in college athletics at the NCAA Division I or Division II level, the NCAA Clearinghouse must certify the student. Part of that certification process includes making sure that the student has successfully taken the required number of core courses. The required number of core courses is listed below. For further requirements to be deemed eligible, contact the School Office.

CORE UNITS REQUIRED FOR NCAA CERTIFICATION

	<u>Division I</u>	<u>Division II</u>
<i>English core</i>	4 years	3 years
<i>Mathematics core</i>	3 years	2 years
<i>Science core</i>	2 years	2 years
<i>Social Studies Core</i>	2 years	2 years
<i>From English, Math, or Science</i>	1 year	3 years
<i>Additional Core (English, Math, Science, Social Studies, Foreign Language, Computer Science)</i>	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The web site is www.eligibilitycenter.org.

National Association of Intercollegiate Athletics (NAIA)

All college freshman students must be a graduate of an accredited high school. An entering freshman student must meet two of the three entry level requirements: a minimum score of 18 on the ACT or 860 on the SAT, an overall high school grade point average of 2.000 or higher on a 4.000 scale, and graduate in the upper half of the student's high school graduating class. Please visit www.playnaia.org for more information.

CHANGING SCHEDULES

Students are encouraged to create a six (6) year plan (starting their 7th grade year) of studies with parents and counselors. This enables students to acquire a better-balanced high school education and allows them to receive all courses desired during high school.

CHANGING SCHEDULES: Changes have to be requested during the first two days of the semester. See your counselor for this information. It is the student's responsibility to complete the enrollment form accurately. If a student has a question during pre-enrollment, that is the time to ask for clarification.

Students need to contact the following counselors regarding schedule changes:

Class of 2019	Carmen Brock	brockc@sedalia200.org
Class of 2020	Katie Ellis	ellisk@sedalia200.org
Class of 2021	Pam Crafton	craftonp@sedalia200.org
Class of 2022	Ashley Burris	burrisa@sedalia200.org

Smith-Cotton Courses

ENGLISH (pages 18-19)

English I	1 unit
English II	1 unit
English III	1 unit
English IV	1 unit
AP English Literature & Composition*	1 unit
English Composition I #*	½ unit
English Composition II #*	½ unit
Creative Writing	½ unit
Global Studies	½ unit
Reading Fiction	½ unit
Strategic Reading	½ unit
English as a Second Language I	½ unit
Rewards TTR	1 unit

SOCIAL STUDIES (pages 19-21)

World History	1 unit
American History	1 unit
American Government	½ unit
AP U.S. History*	1 unit
AP World History*	1 unit
National Government #*	½ unit
U.S. History to 1877 #*	½ unit
World Civilization before 1500 #*	½ unit
The Law and You	½ unit
Missouri History	½ unit
Current Events	½ unit
Economics	½ unit
Geography	½ unit
The Holocaust	½ unit
History of the Vietnam War	½ unit
History of the Civil War	½ unit

SCIENCE (pages 21-23)

Biology	1 unit
Physical Science	1 unit
AP Biology*	1 unit
AP Environmental Science*	1 unit
Chemistry I	1 unit
Chemistry II*	1 unit
Physics	1 unit
Physics II*	1 unit
Earth Science	1 unit
Environmental Science	1 unit
Zoology *	1 unit
Human Physiology I*	½ unit
Human Physiology II*	1 unit
Forensic Science	1 unit
Astronomy	½ unit
Meteorology	½ unit
Science Research Course	1 unit
Laboratory Technician	½ unit
Human Biology #*	½ unit
General Chemistry I #*	1 unit

MATHEMATICS (pages 23-25)

Introduction to Algebra	1 unit
Algebra I A	1 unit
Algebra I B	1 unit
Real World Math	1 unit
Algebra I	1 unit
Algebra II	1 unit

Algebra III	1 unit
Honors Algebra II*	1 unit
Geometry Concepts	1 unit
Geometry	1 unit
Introduction to Statistics	½ unit
Pre-Calculus*	1 unit
Statistics #*	½ unit
College Algebra #*	½ unit
College Trigonometry #*	½ unit
Calculus #*	1 unit
AP Calculus AB*	1 unit

FINE ARTS

DRAMA (pages 25-26)

Theatre I	½ unit
Theatre II	½ unit
Theatre III	1 unit
Theatre IV	1 unit
Film Appreciation	1 unit
Repertory Theatre	1 unit
Competitive Speech and Debate	1 unit

ART (pages 26-27)

Art	1 unit
Fundamentals of Drawing	1 unit
Printmaking/Fibers	1 unit
Creative Painting	1 unit
Pottery and Sculpture	1 unit
Advanced Pottery and Sculpture	1 unit
Commercial Art and Design	1 unit
Portfolio Development	1 unit
Digital Arts and Photography	1 unit
Advanced Digital Arts and Photography	1 unit

MUSIC (pages 27-28)

Mixed Chorus	1 unit
Broadway Velocity	1 unit
A Cappella Choir	1 unit
Cabaret	1 unit
New Score	1 unit
Band	1 unit
Orchestra	1 unit
Instrumental Techniques	1 unit
Jazz Ensemble	1 unit
Music Appreciation #*	½ unit
AP Music Theory *	1 unit

PRACTICAL ARTS

ENGINEERING DEPARTMENT (pages 28-30)

Introduction to Engineering and Design #*	1 unit
Principles of Engineering #*	1 unit
Digital Electronics #*	1 unit
Civil Engineering and Architecture #*	1 unit
Engineering Design and Development*	1 unit
Robotics	1 unit
CNC Manufacturing & Machining*	1 unit
Material Processing	½ unit
Engineering Apprenticeship	1 unit
Computer Science Essentials*	1 unit
AP Computer Science Principles*	1 unit

AP Computer Science A*	1 unit
Cybersecurity*	1 unit
Principles of Biomedical Science #*	1 unit
Human Body Systems #*	1 unit
Medical Interventions #*	1 unit
Biomedical Innovations #*	1 unit

VOC. FAMILY & CONSUMER SCIENCE (pages 31-32)

Nutrition & Wellness	½ unit
Creative Foods I	½ unit
Creative Foods II	½ unit
Interpersonal Relationships	½ unit
Apparel, Textiles & Fashion	½ unit
Adv. Apparel, Textiles & Fashion	½ unit
Child Development	½ unit
Housing Environments & Design	½ unit
Parenting	½ unit
FCCLA Leadership	½ unit
Career Pathways for the Teaching Profession	1 unit
Practicum in Teaching Pathway	1 unit
ProSTART I	1 unit

BUSINESS & MARKETING EDUCATION (pages 32-34)

Introduction to Business	½ unit
Business Technology I	½ unit
Business Technology II	½ unit
Computer Graphics	½ unit
Desktop Publishing	½ unit
Multimedia	½ unit
Tiger Vision	1 unit
Web Page Design	½ unit
Business Leadership	½ unit
Personal Finance	½ unit
Accounting I	1 unit
Accounting II*	1 unit
Accounting III*	1 unit
Marketing	½ unit
Advanced Marketing	½ unit
Advertising & Public Relations	½ unit
Entrepreneurship	½ unit
Sports & Entertainment Marketing	½ unit

ADDITIONAL PRACTICAL ARTS (page 34)

Life Skills TTR	1 unit
On Job Training	varies

PHYSICAL EDUCATION & HEALTH (page 35)

Personal Fitness	½ unit
Athletic Conditioning	1 unit
Lifetime Sports	½ unit
Health	½ unit

ELECTIVES

FOREIGN LANGUAGE (pages 35-36)

Spanish I, II, *III, *IV, *V	1 unit/s
German I, II, *III, *IV	1 unit/s
French I, II, *III, *IV	1 unit/s
Spanish History & Literature	1 unit

ADDITIONAL ELECTIVES (pages 36-38)

Collegiate Athletic Preparation	½ unit
Public Speaking #*	½ unit
Yearbook	1 unit
Introduction to Journalism	½ unit
Smith-Cotton Media	½ unit
Library Media Skills	½ unit
Junior Reserve Officer Training Corps	1 unit/s
Career Development	1 unit
ACT Preparation	½ unit
Tiger Tutors	½ unit
Work Study	½ unit
Psychology	½ unit
Sociology	½ unit
Sign Language	½ unit
General Sociology #*	½ unit
General Psychology #*	½ unit
Study Skills TTR	1 unit
Social Skills TTR	1 unit
Transition Lab TTR	½ unit
Education Resource TTR	1 unit
English as Second Language II, III, IV	1 unit/s

CAREER & TECHNICAL EDUCATION (pages 39-40)

Automotive Service Technology	3 unit/s
Building Trades	3 unit/s
Criminal Justice	3 unit/s
Early Childhood Careers	3 unit/s
Graphic Design	3 unit/s
Health Occupations	3 unit/s
Industrial Equipment Maintenance	3 unit/s
Precision Machining	3 unit/s
Welding	3 unit/s
CTC Embedded Math	1 unit
CTC Embedded Language Arts	1 unit

*Denotes a weighted course

#Denotes a dual credit course

COURSE DESCRIPTIONS by DEPARTMENTS

ENGLISH DEPARTMENT

ENGLISH I: One (1) credit – 9th grade. Students will complete a rigorous study of vocabulary, grammar, usage, punctuation, sentence development, sentence structure, sentence combining, literature, note-taking, and the writing process. The writing process will include writing a literary analysis and an argumentative essay. Students will be introduced to documenting sources on a works cited page using MLA format. The study of literature will include short stories, nonfiction, poetry, epic, drama, and a novel.

ENGLISH II: One (1) credit – 10th grade. Students will complete a rigorous study of vocabulary, grammar, usage, punctuation, writing process, note-taking, research skills, and literature. Students will be expected to use prewriting techniques, write rough drafts, revise, edit, and document sources. Students will follow MLA format and use parenthetical documentation in the research process. Students will write a literary analysis. The writing process will also include the development of argumentative, expository, and narrative writing. The study of literature will include short stories, poetry, nonfiction, drama, and a novel. **An End of Course exam is required at the completion of this course for graduation.**

ENGLISH III: One (1) credit – 11th grade. Emphasis in this course will be a thorough and rigorous study of grammar, composition, critical and literary analysis, research paper preparation, and vocabulary building. The study of American literature will include essays, poems, short stories, dramas, and novels. This course of study is designed to assist students in adjusting to college instruction by promoting self-initiating skills in the areas of note taking, studying for various types of examinations, problem solving, and composition forms, which include descriptive, expository, persuasive, and narrative writing, critiques and essay exams.

ENGLISH IV: One (1) credit – 12th grade. This course of study is designed to assist students in adjusting to a 4-year college instruction by promoting self-initiating skills in the areas of note taking, studying for various types of examinations, problem-solving, and composition forms which include expository, argumentative and narrative writing, critiques and essay exams. Emphasis in this course of study will be a thorough and rigorous study of grammar, composition, critical and literary analysis, argumentative writing, research paper preparation, and vocabulary building. British/American literature will be included in the required reading with novels, dramas, poems, non-fiction, short stories and other forms of literature providing a basis for reading and comprehension.

ADVANCED PLACEMENT ENGLISH LITERATURE and COMPOSITION: One (1) credit - 12th grade. *This class is **WEIGHTED**.* This course will provide students with the opportunity to earn college credit while still in high school, this Advanced Placement English Literature course follows the curricular requirements described in the most current AP English Course Description and is designed to help students develop a critical awareness about literature; recognize connections among works of literature that span time, nationality, and genre; increase their awareness of literature and good writing as major sources of civilization's significant ideas; respond thoughtfully to literature; vary the tone and form of their writing; evaluate their own writing as well as the writing of their peers; and grow intellectually and develop the skills necessary for critical reading, writing, and thinking. **Prospective students will be given a recommended summer-reading list, and students choosing to take the Advanced Placement English Literature and Composition examination in May will pay a \$94.00 testing fee.**

ENGLISH COMPOSITION I (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grade. **Prerequisite:** College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. This dual credit class is **WEIGHTED**.** This course emphasizes planning, drafting and revising along with critical thinking and information management skills and their role in communicating concise written ideas to a range of audiences for a variety of purposes. Basic computer skills are essential for successful completion.

ENGLISH COMPOSITION II (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grade. **Prerequisite:** ENGL 101 (English Composition I) with a grade of C or higher. **This dual credit class is **WEIGHTED**.** This course combines the process writing techniques acquired in ENGL 101 with higher-order reasoning and advanced research skills to communicate ideas in meaningful and effective writing. Basic computer skills are essential for successful completion.

CREATIVE WRITING: One-half (1/2) English Elective credit – 11th & 12th grades. Prerequisite: A B average in English. This course of study emphasizes the development of writing skills. Students will demonstrate a mastery of self and peer editing skills, and develop a beginning knowledge of publication. Students will be expected to write four essays in different genres throughout the course of the semester. This course is designed to teach students the writing process along with reviewing grammar.

GLOBAL STUDIES: One-half (1/2) credit- 12th grade. Students will engage in the reading of works from a variety of places and perspectives to understand how universal themes span culture and time periods. Through the use of a variety of mentor texts and supplemental works (novels, short stories, poems, articles, etc.), students will further develop their ability to interpret and analyze literary and informational selections. Student will continue to develop more precise writing skills and write literary analyses, arguments, and narrative pieces, focusing on the skills of topic development, organization, diction/syntax, and the use of textual evidence.

READING FICTION: One-half (1/2) English Elective credit – 11th & 12th grades. Prerequisite: A B average in English. In this course, students will engage the techniques and practices of reading and enjoying literature. Students will learn different ways to read and understand different texts to develop strategies for critical, theoretical, and rhetorical thinking.

STRATEGIC READING: One (1) English Elective credit – 9th, 10th, 11th, & 12th grades. This class is for students who need to improve their reading skills. Students will read a variety of texts, work on comprehension skills, and be regularly assessed on their progress. This class will count for an elective credit and enrollment will depend on teacher referral.

ENGLISH AS A SECOND LANGUAGE (ESL) – LEVELS I: One (1) credit – 9th, 10th, 11th, & 12th grades. Students in these courses are placed by English language ability. The courses support the learning of the English language.

REWARDS: One (1) credit per year – 9th, 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. This course is for students who need to increase their reading skills toward grade level. The focus will be on improving reading skills in a variety of areas including: word attack, vocabulary, fluency, sight word and comprehension. In an effort to measure progress in the course, periodic screenings will be administered to students enrolled in this course.

SOCIAL STUDIES DEPARTMENT

WORLD HISTORY: One (1) credit – 9th grade. This course will examine how the development of world history has impacted the development of United States history. Although the course will predominantly emphasize events that have occurred since 1450, some attention will be given to an understanding of the features of geography, the development of civilization, the rise of Christianity, the rise of Islam, the development of feudalism and the manor economy of the Middle Ages, the importance of the Magna Carta in relation to the U.S. Constitution, and the Renaissance of classical Greek and Roman learning. Some emphasis, though marginal, will also be given to the non-western world.

AMERICAN HISTORY: One (1) credit – 10th grade. This course is a survey of American history from the reconstruction of the Union after the Civil War to the present day. The course focuses on the following topics: Reconstruction, westward expansion, the industrialization of the United States, immigration in the 19th and early 20th century, the Progressive Era, World War I, the Roaring Twenties, the Great Depression, World War II, the Cold War, the Civil Rights Era, and the Vietnam War. The course focuses on social, political, and economic trends during the time examined.

AMERICAN GOVERNMENT: One-half (1/2) credit – 11th grade. This social studies course is designed to provide students with the knowledge necessary to be informed citizens in order to maintain our democracy. The following units of study will be included: the philosophical and historical foundations of the American political system, how the Framers created the Constitution, how the values and principals embodied in the Constitution shaped American institutions and practices, how the protections of the Bill of Rights developed and expanded, governmental systems, and facts and requirements for elected representatives. Students will be taught and tested over the United States Constitution and the Missouri State Constitution. **Passing both constitution tests is a requirement for high school graduation. An End of Course exam is required at the completion of this course for graduation.**

ADVANCED PLACEMENT U.S. HISTORY: One (1) credit – 11th & 12th grades. *This class is WEIGHTED.* This challenging course is designed on the college level and will emphasize analytical interpretation of history. It is a two semester survey course of American History from the age of exploration to the present. Students will be expected to devote considerable time to homework and study. **There will be a significant amount of reading and writing throughout the course.** Critical analysis and evaluative thinking skills, essay writing, and interpretation of original documents are an essential component to success in this class. In order to properly prepare students for the AP exam in May there is an emphasis on historical essay writing. Students will write a series of free-response essays and will also learn how to tackle the document based question (DBQ). A great deal of class time will be spent on essay deconstruction in order that all students improve their writing skills. **Students choosing to take the Advanced Placement U.S. History examination in May will pay a \$94.00 testing fee.**

ADVANCED PLACEMENT WORLD HISTORY: One (1) credit- 11th & 12th grades. *This class is WEIGHTED.* The AP World History course is structured around the investigation of five course themes and 19 key concepts in six different chronological periods, from approximately 8000 B.C.E to the present. This course covers the following concepts: Interaction between humans and the environment, development and interaction of cultures, state building, expansion, and conflict, creation, expansion, and interaction of economic systems, and development and transformation of social structures. **Students choosing to take the Advanced Placement World History examination in May will pay a \$94.00 testing fee.**

NATIONAL GOVERNMENT (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course is a survey of American governmental and political systems. The class will explore this government's origins, the nature of American politics, the branches of government, and the creation and maintenance of the rights of American citizens. Students will receive an overview and be tested over the Missouri State Constitution, which will meet requirements set forth in the language of the Missouri Senate Bill #4.**

U.S. HISTORY to 1877 (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This is a survey course designed to explore major themes of American history from the time of initial exploration of the North American continent to the reconstruction of the United States after the Civil War. This class will study the colonization of America, the nature of political and social movements in colonial America, the impact of the Revolution, the rise of industry, the Jacksonian Era, the expansion of the United States, the sectional crisis between North and South, the causes of the Civil War, the Civil War itself in social context, and the closure of the rift between the defeated Confederacy and the United States. A special focus will be on economic, social, cultural and intellectual themes.**

WORLD CIVILIZATION BEFORE 1500 (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course will survey the political, social, military, cultural, and religious history of Europe, Asia and Africa from early human societies to 1500.**

The LAW AND YOU: One-half (1/2) credit – 10th, 11th & 12th grades. This course allows students to study the criminal and civil justice systems. Students will study principles of Constitutional Democracy as it relates to historical and contemporary issues and determine the civic responsibilities of individual citizens as well as how those responsibilities form our national fabric. Emphasis will be placed on the rights and responsibilities of the individual in a democratic society. Students will study case law and law precedent to help them understand our legal system. The students will participate in a mock murder trial under the guidance of the Pettis County Circuit Court system, allowing them to describe the structure of government and the purpose of laws. Finally, they will learn how laws and rules are made, enforced, changed and interpreted.

MISSOURI HISTORY: One-half (1/2) credit - 9th, 10th, 11th & 12th grades. This course presents the history and government of Missouri, its natural resources, its agricultural and industrial advantages, the importance of conservation, the institutions of the state, and the famous people of Missouri.

CURRENT EVENTS: One-half (1/2) credit – 9th, 10th, 11th, & 12th grades. This course is designed to develop attitudes which will enable students to evaluate and make informed judgments on events of the times. Students will be exposed to the various forms of news reporting and the mass media.

ECONOMICS: One-half (1/2) credit – 11th & 12th grades. This course is designed to introduce students to the fundamentals of economic theory. Students will gain a better understanding of how individuals and businesses make economic decisions. This course will provide an overview of the economy as a whole and help students understand international economics.

GEOGRAPHY: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This semester course will provide students with the necessary geography skills to be competent in our ever changing mobile society.

THE HOLOCAUST: One-half (1/2) credit – 11th & 12th grades. The Holocaust will be examined extensively from a historical and political perspective. It will examine the groups of individuals associated with the Holocaust and also look at the development and implementation of the Holocaust in terms of political, social, military, and economic factors. The study of the systematic genocide will also examine the question, “Can it happen again?”

HISTORY OF THE CIVIL WAR: One-half (1/2) credit- 10th, 11th, & 12th. The course covers multiple aspects of this seminal event in American History. Early units would cover ante-bellum history, road to the Civil War, and the institution of slavery, as well as causes of the American Civil War. Wartime units would focus on geography, critical events in the war, international relations during the war, life of soldiers and life on the home front as well as the lessons on Northern and Southern economies during the war. Closing segments would focus on the end of the war, the effect on veterans, the American government, and southern culture and the process of Reconstruction.

HISTORY OF THE VIETNAM WAR: One-half (1/2) credit- 11th & 12th. This course would cover the strategic initiatives resulting in U.S. involvement in Vietnam. It also explores Vietnamese culture from the perspective of its history of struggle. It would pay particular attention to the individuals/institutions contributing to the conflict with America, and it would examine the social situation leading to loss of support for the war in America. The course would be a mixture of military, diplomatic, and social concerns regarding the war.

SCIENCE DEPARTMENT

BIOLOGY: One (1) credit – 9th, 10th, 11th & 12th grades. This course consists of a general study and laboratory exercise designed to aid the individual in understanding himself and the world in which he lives. Topics covered include a survey of the plant and animal kingdoms as to their classification, structure, and functions; an introduction into the study of ecology and how it relates to the world we live in; a look into life of the past; an introduction into genetics and heredity and a general understanding of the functioning of the human body. **An End of Course exam is required at the completion of this course for graduation.**

PHYSICAL SCIENCE: One (1) credit – 9th, 10th, 11th, & 12th grades. This course emphasizes basic concepts and logical reasoning in chemistry and physics as applied to everyday events. Contents include properties and principles of matter and energy and force and motion. Practical implications of all topics are stressed along with skills in scientific method.

ADVANCED PLACEMENT BIOLOGY: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Biology & Chemistry. This class is *WEIGHTED*. This course is a college level class that offers highly motivated students the opportunity to earn college Biology credits. The major units of study for this course are: chemistry, cells, cellular energetics, genetics, biotechnology, evolution, biodiversity, and ecology. Laboratory work and writing are involved. **Students choosing to take the Advanced Placement Biology examination will pay a \$94.00 testing fee.**

ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE: One (1) credit- 10th, 11th & 12th grades. Prerequisite: B- or higher in previous science course. This class is *WEIGHTED*. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. **Students choosing to take the Advanced Placement Environmental Science examination will pay a \$94.00 testing fee.**

CHEMISTRY I: One (1) credit – 10th, 11th & 12th grades. Prerequisite: B average in Algebra I or teacher approval. This course is a study of the basic principles underlying the structure of matter and the changes it may undergo. Materials are presented through class discussions, problem solving, and laboratory investigations. Among the topics included are atomic structure, chemical bonding, formula and equation writing, physical states of matter, and the properties of chemical compounds.

CHEMISTRY II: One (1) credit – 11th & 12th grades. Prerequisite: Must pass Chemistry I and Algebra II. This class is *WEIGHTED*. Chemistry II is a course to solidify the knowledge of those planning on math or science as careers. The course is divided into two areas: 1) 1st semester: review of Chemistry I, equilibrium, solubility,

advanced atomic theory, the chemistry of legends, advanced analytical techniques; 2) 2nd semester: organic chemistry and laboratory procedures, and biochemistry and molecular biology applications.

PHYSICS I: One (1) credit – 10th, 11th & 12th grades. Prerequisite: B average in Algebra I and enrolled in or passed Algebra II, or teacher approval. Physics I is an introductory course in the laws and concepts that govern the universe. Topics include laws of motion, laws of momentum, vector displacement, universal gravitation and astronomy, thermodynamics, physical states of matter and experimental physics.

PHYSICS II: One (1) credit – 11th & 12th grades. Prerequisite: Physics I and Algebra II. *This class is WEIGHTED.* Physics II is recommended for the student expecting to enter a rigorous math/science curriculum at the post-secondary level. This course includes a review of concepts in Physics I, dimensional analysis, lenses and lasers, hydraulic and buoyancy, quantum physics and nuclear physics.

EARTH SCIENCE: One (1) credit – 10th, 11th & 12th grades. Earth Science involves an exploration of geological aspects of minerals/rocks, weathering/erosion, and land form development. The course includes comprehensive examination of weather phenomena, weather forecasting, and causes/effects of various weather systems. Oceanography will be explored in context to physical systems and human exploration. The astronomy of the solar system and nearby galaxies will be included. Appropriate experiments and data gathering techniques will be incorporated throughout the course.

ENVIRONMENTAL SCIENCE: One (1) credit – 10th, 11th & 12th grades. This is an interdisciplinary course combining chemistry, biology and earth science. It also requires an understanding of government policy, economics, geography and human perceptions related to the environment. Topics include: earth processes, energy systems, agricultural systems, pollution causes and mitigation, natural resource management, and the effects of global climate change. The ability to comprehend complex interactions of physical, chemical, biological and economic systems is essential.

ZOOLOGY: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Biology. *This class is WEIGHTED.* This course will introduce the student to the world of animals and how animals are “put together.” We will discuss classification, relationships, interrelationships, and organization of organisms from unicellular protists to multi-cellular mammals. Emphasis will be placed on their niche in their ecosystem, and their evolutionary scheme of development. The effects of animals on man, and man’s effect on other animals and their environment will also be discussed.

HUMAN PHYSIOLOGY I: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Biology. *This class is WEIGHTED.* This course is a study of the structure and function of the human body. It includes a study of basic activities of cells, tissues, organs, and a general survey of major systems of the body such as the digestive, respiratory, circulatory and reproductive systems. This course should provide a special understanding of body functions and provide a sound background in all health related occupations. Materials are presented through lecture, lab, and audio-visual programs.

HUMAN PHYSIOLOGY II: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Human Physiology I. *This class is WEIGHTED.* This course will include a continuation of the study of body systems using lecture, lab, and audio-visual programs.

FORENSIC SCIENCE: One (1) credit – 11th & 12th grades. Prerequisite: B average in Biology and in at least one additional science course (Advanced Placement Biology, Chemistry, Human Physiology, Physics, or Zoology) or teacher recommendation. This course is designed to serve as an upper-level science course and to provide students with the opportunity to explore how scientific principles are used in analyzing physical evidence found in crime scenes. Students will be introduced to the wide array of career choices in Forensics. The fundamental objective is to teach the basic processes and principles of scientific thinking in order to apply them to solve problems that are related not only to science, but to all disciplines. The focus will be to familiarize students to some of the specialized fields of Forensic Science, the principles of science and technology upon which they are based, and the application of these principles to various analyses of crime scene evidence.

ASTRONOMY: One-half (1/2) credit – 11th & 12th grades. Prerequisite: Earth Science. Study of the solar system, galaxy, and universe in which we live. Areas of study will include history of astronomy; planetary astronomy and how interstellar spacecraft are obtaining information about other bodies in our solar system; stellar evolution; types of galaxies; cosmology and big bang theory; large-scale structure of the universe and the possibilities of extraterrestrial life. Students will be expected to complete independent night sessions of astronomical viewing. Reading and writing intensive.

METEOROLOGY: One-half (1/2) credit- 11th & 12th grades. Prerequisite: Earth Science. Study of the atmosphere and local, regional, and global weather patterns. Areas of study will include history of meteorology, atmospheric structure, components of weather, air masses and fronts, station models and forecasting, severe weather, and climate change. Reading and writing intensive.

SCIENCE RESEARCH COURSE: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: Biology AND a letter of recommendation from previous science teacher. Science research is designed to be a student-initiated independent research course, which requires a substantial research project.

LABORATORY TECHNICIAN: One-half (1/2) credit – 11th & 12th grades. Prerequisite: B average in Biology and teacher approval. This course is designed to serve as an inquiry-based, self-guided science course. Students will set up experiments, demonstrate procedures, prepare test samples, maintain equipment, and keep up to date with relevant scientific and technical developments. This course would be a great addition for any student interested in the science field.

HUMAN BIOLOGY: (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grades. Prerequisite: College Placement Test (ACT) and a B in Biology. It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This semester course is designed for the student, who has an interest in human biology, but has no or a limited background in science. We will discuss human development, behavior and health from the perspective of physiology and genetics. Applications of basic biological concepts to situations that are relevant or will become relevant to you will be discussed. You will also be guided through the process of scientific inquiry including the scientific method and critical thinking.

GENERAL CHEMISTRY I w/LAB: (DUAL CREDIT): One (1) credit- 12th grade. Prerequisite: College Placement Test (ACT) or Dual Credit College Algebra with a C or better. It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* First of two course sequence that introduces the fundamental principles of chemistry and the reactivity of chemical elements and compounds. This course emphasizes modern atomic theory, structure and behavior of atoms and molecules, physical properties of matter, chemical reactions and energy relations, periodicity, and the mole concept and its applications.

MATHEMATICS DEPARTMENT

INTRODUCTION TO ALGEBRA: One (1) credit – 9th grade. Prerequisite: Teacher Recommendation. Introduction to Algebra is designed to prepare students for Algebra A. This computer-based course provides background knowledge in fractions, area and perimeter, solutions of linear equations, proportions, graphs, and linear inequalities. Students will develop a familiarity of mathematical vocabulary.

ALGEBRA I A: One (1) credit – 9th & 10th grades. Algebra A is the first in a two-part series of courses which teaches Algebra I in two years. This course provides a review of fractions, measurement, area and perimeter, in addition to exploration of expressions and rational numbers, solutions of linear equations, proportions, graphs, and linear inequalities.

ALGEBRA I B: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Algebra I A. Algebra B is the second in a two-part equations and inequalities series of courses which teaches Algebra I in two years. Units covered include systems of polynomials and their factors, rational expressions, graphing of functions, and irrational numbers and quadratic equations. **An End of Course exam is required at the completion of this course for graduation.**

REAL WORLD MATH: One (1) credit – 11th & 12th grade. Prerequisite: Introduction to Algebra or Algebra IA. First semester topics will cover consumer math topics. Second semester topics will include applied math topics (agriculture, building trades, health occupations, etc.) and an EOC Algebra I Review. **Algebra I End of Course exam is required at the completion of this course for graduation.**

ALGEBRA I: One (1) credit – 8th, 9th, 10th, 11th, & 12th grades. This is a course in which students learn to state everyday problems in clear algebraic language and to solve them by algebraic procedures. Students learn basic algebraic notation, terminology and concepts which lead to solving linear and quadratic equations, systems of equations and graphing linear equations. Basic geometry concepts are reviewed with emphasis on perimeter, area, and volume. Students relate and apply algebraic concepts to statistics, probability, and real life problems. **An End of Course exam is required at the completion of this course for graduation. *8th graders must have an A or B for both semesters to receive high school credit, and are also required to take the Algebra II EOC for graduation.**

ALGEBRA II: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Algebra I and Geometry. This course continues the development of many topics studied in Algebra I and Geometry such as linear equations and

inequalities; linear systems and matrices; quadratic, radical and rational functions; rational exponents; complex numbers; and quadratic relations and conic sections. Additional topics will include exponential and logarithmic functions; counting methods, probability, and data analysis; sequences and series; and an introduction to trigonometry. **If students took Algebra I as an 8th grader, then the state requires that students take Algebra II EOC for graduation.**

ALGEBRA III: One (1) credit – 11th & 12th grades. Prerequisite: Geometry and Algebra II. This course is designed for students who want or need more instruction in the area of algebra. This course will take many of the topics covered in the Pre-Calculus course at a slower pace. It will cover the topics of exponents and radicals, polynomials, factoring, solving equations & inequalities, exponentials & logarithms, systems of equations, basic trigonometry, matrices, and probability. This course will also include preparation for the ACT. Students must have successfully completed two semesters of Algebra II to enroll in this course.

HONORS ALGEBRA II: One (1) credit – 10th grade. Prerequisite: Algebra I and Geometry. *This class is WEIGHTED.* This course is designed for 10th grade students who have successfully completed Algebra I and Geometry. Students will develop methods for approaching and discuss algorithms involving linear equations and inequalities (both 2 and 3 dimensional); linear systems and matrices; quadratic, radical and rational functions; rational exponents; complex numbers; and quadratic relations and conic sections. Additional topics will include polynomial functions; exponential and logarithmic functions; counting methods, probability, and data analysis; sequences and series; and an introduction to trigonometry. Students will move at a challenging pace and investigate these topics at a deeper level than a regular Algebra II class. Students should be prepared to discuss and explain material in formal written and oral format. This class will require outside research as well as disciplined dedication to independent practice. **If students took Algebra I as an 8th grader, then the state requires they take Algebra II EOC for graduation.**

GEOMETRY CONCEPTS: One (1) credit – 11th & 12th grades. This course teaches mathematical concepts from a technical perspective. It covers geometric applications along with real world models. Equipment needed is a compass, ruler and protractor.

GEOMETRY: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Algebra I. This course is designed for students who have successfully completed two semesters of Algebra I. The students will study the Euclidean concepts of geometric figures, learn basic constructions, and study the different types of reasoning skills including proofs. Area and volume of common figures and practical applications will be incorporated.

INTRODUCTION TO STATISTICS: One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II. Completing this one semester course will give students a solid foundation in statistics so that they will experience success when they pursue post-high school studies including technical, associate's and/or bachelor's programs. The course will include elementary topics in descriptive statistics and key concepts in probability, estimation, measures of central tendency, interpreting and constructing graphs, and making sound statistical decisions.

PRE-CALCULUS: One (1) credit – 11th & 12th grades. Prerequisite: Algebra II & Geometry. *This class is WEIGHTED.* Pre-Calculus combines the trigonometric, geometric, and algebraic techniques needed to prepare students for the study of calculus, and strengthens students' conceptual understanding of problems and mathematical reasoning in solving problems. Completion of this course is especially important for students intending to study calculus, physics, and other sciences, and/or engineering in college. For this course, instructional time during the first semester will focus on functions, including polynomial, rational, logarithmic, and exponential. Further work will be done with coordinate geometry and inequalities. The instructional time during second semester will focus on trigonometry and vectors. Enrollment in Calculus will require successful completion of both semesters of Pre-Calculus.

STATISTICS (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II & College Placement Test (ACT). *This dual credit class is WEIGHTED.* This course covers a study of elementary statistics. Topics covered include descriptive statistics, basic design of surveys and experiments, inferential statistics, and tests of statistical hypothesis.

COLLEGE ALGEBRA (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: College Placement Test (ACT). *Pre-Calculus is recommended. This dual credit class is WEIGHTED.* This course will include properties of functions and their graphs, variation, solving polynomial equations, the fundamental theorem of algebra, properties of logarithms, logarithmic and exponential equations, exponential growth and decay, linear systems in more than two variable, matrices and determinants.

COLLEGE TRIGONOMETRY (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II or College Algebra and College Placement Test (ACT). *This dual credit class is WEIGHTED.* Topics include radius vector, right triangle and unit circle definitions of trigonometric functions, trig identities, graphs, inverse trigonometric functions, trigonometric equations, DeMoivre's Theorem, and conics.

CALCULUS (DUAL CREDIT): One (1) credit - 11th & 12th grades. Prerequisite: Pre-Calculus and College Placement Test (ACT). *This dual credit class is WEIGHTED.* This course is intended to develop an understanding of the basic concepts of plane analytic geometry, the limit process, continuity of functions, differentiation, integration, and areas under and between curves. It also provides an introduction to various applications of the calculus. These include the use of first and second derivatives and aids in graphing functions, extreme problems, approximation of areas of plane regions, and selected applications of the calculus in the areas of business, economics and physical sciences.

ADVANCED PLACEMENT CALCULUS AB: One (1) credit – 11th & 12th grades. Prerequisite: Pre-Calculus. *This class is WEIGHTED.* In this course you will work with functions represented graphically, numerically, analytically and verbally as you study limits, derivatives and integrals. Successful completion of this course will prepare you to take the AP Calculus AB exam. **Students choosing to take the Advanced Placement Calculus examination will pay a \$94.00 testing fee.**

FINE ARTS

Courses in the DRAMA, ART and MUSIC departments will satisfy the FINE ART requirement.

DRAMA DEPARTMENT

All students taking courses in the Drama Department will be required to attend Smith-Cotton drama productions performed for the public during the school year.

THEATRE I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This hands-on introductory course examines the major contributors to the theatrical event: the stage and backstage equipment, scene designer, the lighting designer, the director and the actor. Students will understand and appreciate the entire spectrum of drama, from the stage techniques of theatre, to the production itself. **Students will be required to participate in class performance.**

THEATRE II: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course will continue the student's exploration of the theatre. Students will study the areas of acting, directing, and playwriting in more depth than the Theatre I course. Students will participate in major acting and directing projects and do in-depth study on plays and playwrights. Students will also focus on the technical aspect of theatre. Students will understand the relationship actors and crew must have for the theatre to exist. The hands-on experience may include set, lights, sound, costume, make-up, hair, public relations, props, stage managing, and directing. This course is for students who wish to strive to dig deeper into the study of theatre. **Students will be required to participate in class performance.**

THEATRE III One (1) credit – 10th, 11th & 12th grades. Prerequisite: Theatre I & II and teacher approval. This class is for students who have demonstrated exceptional skill and commitment in the areas of acting and technical theatre in Theatre I and Theatre II. Success requires rigorous study, excellence in performance and/or technical theatre and an extensive knowledge of all areas of theatre including production, direction, and dramatic literature. The student will write, act, design, direct, research, compare, analyze, and understand context. Units include Reader's Theatre, Play production, and research on famous playwrights, Technical Theater Concepts, two play evaluations, long improve elements, and puppets. Students may take this course for two years to be in both Theatre III and then Theatre IV. Project based and requires some outside class time.

THEATRE IV: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Theatre I, II, III and teacher approval. This advanced top-level course is designed for students who have demonstrated exceptional skill and commitment in the areas of acting and technical theatre in Theatre I, II, and III. Success requires rigorous study, excellence in performance and/or technical theatre and an extensive knowledge of all areas of theatre including production, direction, and dramatic literature. Students in this course will focus on Directing, Monologue Workshop/Resume/Portfolio/Headshots, Acting for Film and Television, and an Advanced Theatre Showcase. Project based and requires some outside class time.

FILM APPRECIATION: One (1) credit – 11th & 12th grades. This course is designed to introduce the student to the elements of cinematic art through analysis of key films including ones from the AFI top 100 films. Students will critically view film as a literary work with respect to authorship, setting, character, plot, theme, symbolism, and cultural significance. Students will participate in listening and speaking activities including class discussions, informal responses, formal presentations and projects. Students will read a variety of literary works, which may include novels, short stories, and writings dealing with film theory, filmmaking, and film review. A substantial written component of the course consists of informal personal responses, film reviews, and formal analytical essays. More than just a class for movie watching, this course is designed for those students who are serious about learning to listen, speak, read, and write better through the study of film. Due to the nature of the course, regular attendance is especially important to its successful completion.

REPERTORY THEATRE: One (1) credit – 11th & 12th grades. Students will be required to participate in the Spring One-Act Festival. Prerequisite: Teacher approval. This course offers students an opportunity to create fully realized theatre productions using skills previously learned in Acting and Technical Theatre. Students will also be able to explore an area of specialization and experience a collaborative process as they create productions. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this production, only students who are seriously interested in organizing a production should enroll.

COMPETITIVE SPEECH AND DEBATE: One (1) credit – 9th, 10th, 11th & 12th grades. Students will be required to compete as a member of the SCHS Speech and Debate Team. In Competitive Speech, students will research, analyze, and prepare Interpretations, where scenes from plays, books, or other forms of literature are memorized and presented in their own unique way. Events could include Dramatic and Humorous Interpretation, Prose, Poetry, Original Oratory, Radio, Duet Acting, and Storytelling. In Competitive Debate, students will be assigned topics that they must defend and oppose. Students will research the issues introduced and craft arguments that support their side. Types of debate include Lincoln-Douglas and Public Forum Debate. This course is designed to complement the Speech and Debate program at SCHS that competes at tournaments throughout the state. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this team, only students who are seriously interested in performing and working on advanced research should seek this class.

ART DEPARTMENT

ART: One (1) credit – 9th, 10th, 11th & 12th grades. This course is a prerequisite for all advanced art classes. A textbook constitutes approximately one third of the course study. It incorporates art history, aesthetics, art criticism and studio production. It is designed to give students an exposure to the basic elements and principles of drawing, painting, and 3-dimensional studies using various media.

FUNDAMENTALS OF DRAWING: One (1) credit – 9th, 10th, 11th & 12th grades. A materials fee of \$25 per semester is required. This course continues the enrichment of art with sketch assignments done outside the class constituting one third of the course. First semester will serve as a basic introduction to graphite drawing techniques and materials. Second semester balances skill development with creative problem solving in the visual arts using various media. Drawings from this course can be used to develop a portfolio necessary for post-high school endeavors.

PRINTMAKING/FIBERS: One (1) credit- 9th, 10th, 11th, & 12th grades. A materials fee of \$25 per semester is required. The focus of this class will be on techniques, history and concepts related to fibers and printmaking. Fiber techniques to be explored include dyeing, crocheting, surface design, sewing, weaving, felting, basketry techniques, bookmaking, and papermaking. Printmaking techniques will include monoprinting, linocut and silkscreen.

CREATIVE PAINTING: One (1) credit – 10th, 11th & 12th grades. A materials fee of \$25 per semester is required. This course develops a better understanding of the principle and elements in art, while developing independent techniques and style, using acrylics and watercolor. Original designs, still life's, and original photographs will encompass subjects for paintings. Art history will be included to enhance the particular area of painting being studied.

POTTERY AND SCULPTURE: One (1) credit – 10th, 11th & 12th grades. Prerequisite: any Art class. A materials fee of \$30 per semester is required. This course introduces students to a variety of methods, tools, and techniques used to create 3-D artwork. Studies include clay, wire, and plaster. Glaze and firing techniques will be studied to enhance understanding of this ancient art. This course also covers detailed studies of ceramics and sculpture and is geared toward the serious student.

ADVANCED POTTERY AND SCULPTURE: One (1) credit – 11th & 12th grades. Prerequisite: Pottery & Sculpture and teacher approval. A materials fee of \$30 per semester is required. This course is designed to accommodate students who have shown both talent and desire and wish to pursue detailed studies in Pottery & Sculpture. Students will be creating a portfolio of their work for college, the job market, or personal growth. The student will work independently with emphasis on solid technique, contest level of production, and display of work.

COMMERCIAL ART AND DESIGN: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Digital Arts & Photography and recommendation from an art teacher. A materials fee of \$25 per semester is required. This course will provide students to learn about, and how to use, the many tools, techniques, materials, and methods of producing commercial art and designs. Students will use computer programs, specialized tools, and manual techniques to create their art.

PORTFOLIO DEVELOPMENT: One (1) credit – 11th & 12th grades. Prerequisite: Students must have a B average in art and the instructor's approval. Work done outside the class constitutes one third of the course. A materials fee of \$35 per semester is required. A capstone experience for gifted visual arts students, this self-directed course is a convergent multi-media opportunity for students to explore their area of interest. It

involves integrated studies, offers vocational and self-expressive growth potential, and is an avenue for competition resulting in personal and institutional recognition.

DIGITAL ARTS AND PHOTOGRAPHY: One (1) credit – 9th, 10th, 11th & 12th grades. A materials fee of \$25 per semester is required and a digital camera with 5 megapixel ability, storage card and download cable will need to be provided by the student. This course will introduce students to the world of digital photography and digital manipulation from a practical and artistic standpoint with experience and exposure to technology. Students will learn how to use the many techniques, tools and methods of producing digital photography. They will use point and shoot, cell phone, and Advanced Digital SLR cameras on a limited in class basis. Computer programs such as Adobe Photoshop, Microsoft Word, and Adobe Illustrator will be used to manipulate digital images.

ADVANCED DIGITAL ARTS AND PHOTOGRAPHY: One (1) credit – 11th & 12th grades. Prerequisite: Digital Arts & Photography. A materials fee of \$25 per semester is required and a digital camera with 5 megapixel ability, storage card and download cable will need to be provided by the student. This course will extend students understanding of digital photography and digital manipulation from a practical and artistic standpoint with experience and exposure to technology. Cross-curriculum cooperation can be developed with marketing, business, journalism, and yearbook classes. This class can develop skills for students interested in many career fields such as commercial art, professional photography, journalism, marketing, film making, commercials, and fine art.

MUSIC DEPARTMENT

MIXED CHORUS: One (1) credit – 9th, 10th, 11th & 12th grades. *Students are required to perform at all vocal concerts.* This is a general non-audition music course open to any student who would like to sing and learn about music. Students will learn about concert etiquette and will study a variety of musical eras and styles. The choir will perform at no less than 2 concerts during the year.

BROADWAY VELOCITY: One (1) credit – 9th grade. By audition only. *Students are required to perform at all events, concerts and contests scheduled by the director.* This course is designed for serious vocal students who intend to advance to upper level choirs during their high school careers. Students who have participated in show choir at the elementary and middle school level and who take private voice instruction are encouraged to audition for this choir. This choir will learn many styles of choral music with the intent of developing the singer's vocal strength, technique, intonation and note reading. Depending on the students enrolled, it is possible that this choir will learn actual show literature and choreography making it a "prep" for those intending to audition for New Score and Cabaret during their high school career.

A CAPPELLA CHOIR: One (1) credit – 9th, 10th, 11th & 12th grades. By audition only. *Students are required to perform at all vocal concerts and music contests.* This choir is open to serious vocal students who already have an understanding of music performance. Students will further develop ear training, sight-reading and note reading and will explore the works of many composers and will often sing unaccompanied works. This choir performs at various community and school functions outside of the school day. The number of students accepted into this choir will be determined according to balance of parts.

CABARET: One (1) credit – 10th, 11th & 12th grade females. By audition only. *Students will be required to participate in ALL choral performances, concerts, and contests throughout the year.* This choir will learn a variety of musical styles, including competition show music and contest music. Members of this group will learn vocals and choreography of a competition show and will travel to various competitions and community events throughout the school year. Members will be responsible for their costume and accessories. This choir will also learn and perform choral music at MSHSAA sanctioned music contest. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this choir, only students who are seriously interested in performing and working on advanced literature should audition. Members of Cabaret are strongly encouraged to enroll in another performing choir.

NEW SCORE: One (1) credit – 10th, 11th & 12th grades. By audition only. *Students will be required to participate in ALL choral performances, concerts, and contests throughout the year.* This mixed show choir will learn a variety of musical styles, including competition show music and contest music. Members of this group will learn vocals and choreography of a competition show and will travel to various competitions and community events throughout the school year. Members will be responsible for their costume and accessories. This choir will also learn and perform choral music at MSHSAA sanctioned music contest. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this choir, only students who are seriously interested in performing and working on advanced literature should audition. Members of New Score are strongly encouraged to enroll in another performing choir.

BAND: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: 8th grade band or by audition. This course consists of marching band during 1st quarter, including some summer practices and evening rehearsals. This group performs at local parades, competitions, and football games. Around the end of the first quarter, the marching band

will shift to concert band and focus on concert literature and techniques, and do so for the rest of the year. This ensemble performs at least three concerts, as well as District and State contests. If numbers allow, the band may split into two bands for the spring semester, but both will meet during the same block. ***Any student wishing to enroll who did NOT play in 8th grade must audition for the director before enrolling.***

ORCHESTRA: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: 8th grade strings or by audition. *All performances and practices are required. An equipment fee of \$20 is required.* This course is a study in string techniques and literature of the modern orchestra. The orchestra performs at local concerts, events and contests.

INSTRUMENTAL TECHNIQUES: One (1) credit – 9th, 10th, 11th, & 12th grades. Prerequisite: Students **MUST be enrolled in band or orchestra. This course is an introduction to the study of various jazz styles, jazz theory and improvisation. Students will perform at concerts and area festivals.**

JAZZ ENSEMBLE: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: By audition only and students **MUST be enrolled in band or orchestra. *All performances and practices are required.*** This course is a study of various jazz styles, jazz theory and improvisation. The Jazz Ensemble performs at concerts and area festivals, local events, school events, and home basketball games.

MUSIC APPRECIATION: (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: College Placement Test (ACT). *This dual credit class is WEIGHTED.* Overview providing knowledge of the basic elements of music, the important musical masterpieces of various eras and the significant composers in musical history. A portion of the course time is devoted to listening to recordings and viewing supporting video footage of selected composers and performers.


ADVANCED PLACEMENT MUSIC THEORY: One (1) credit – 10th, 11th, & 12th grades. Prerequisite: Students must be taking private lessons (vocal/instrumental) or be in an auditioned ensemble at SCHS with prior teacher approval. *This course is WEIGHTED.* The goal of AP Music Theory is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. This course instills a mastery of the rudiments and terminology of music, including hearing and notating: pitches, intervals, scales & keys, chords, meter, and rhythm. This course prepares students for pursuing music courses at the collegiate level. **Students choosing to take the Advanced Placement Music Theory examination in May will pay a testing fee of \$94.00.**


PRACTICAL ARTS


Courses in ENGINEERING, COMPUTER SCIENCE, BIOMEDICAL, VOCATIONAL FAMILY & CONSUMER SCIENCE, BUSINESS EDUCATION, MARKETING EDUCATION and SFCC CAREER & TECHNICAL CENTER meet the PRACTICAL ART requirement.


ENGINEERING DEPARTMENT

 **PLTW (IED) INTRODUCTION TO ENGINEERING DESIGN (DUAL CREDIT):** One (1) credit – 9th, 10th, 11th & 12th grades. *This class is WEIGHTED.* This is the first foundation course of the engineering program and it is intended to be the first course taken by students interested in engineering. In this course students will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work. **This course is eligible for dual credit.**

 **PLTW (POE) PRINCIPLES of ENGINEERING (DUAL CREDIT):** One (1) credit – 10th, 11th & 12th grades. Prerequisite: IED. Students who have not taken IED need to obtain special permission from teacher/administration and demonstrate competency in mathematics. *This class is WEIGHTED.* This is the second foundation course of the engineering department. This course explores various engineering disciplines along with the math, science, design, and problem solving skills associated with each of them. Students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Students will learn about various engineering principles and apply them to a variety of hands on projects. **This course is eligible for dual credit.**

 **PLTW (DE) DIGITAL ELECTRONICS (DUAL CREDIT): One (1) credit – 10th, 11th & 12th grades. Prerequisite: IED and POE. A lab fee of \$10 is required. *This class is WEIGHTED.* Digital electronics is the foundation for all modern electronic devices such as cellular phones, MP3 players, computers, digital cameras and high-definition Digital televisions. The major focus of this course is to expose students to the foundational design, usage, and logic of the components that make up digital electronic devices. Students will learn about various electrical components and they will design and build a variety of electrical projects. This is a specialized PLTW course designed to be taken after the foundation courses of IED and POE. **This course is eligible for dual credit.****

 **PLTW (CEA) CIVIL ENGINEERING AND ARCHITECTURE (DUAL CREDIT): One (1) credit- 11th & 12th grades. Prerequisite: IED and POE. A lab fee of \$20 is required. *This class is WEIGHTED.* Students in this course learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3-D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This is a specialized PLTW course designed to be taken after the foundation courses of IED and POE. **This course is eligible for dual credit.****


 **PLTW (EDD) ENGINEERING DESIGN & DEVELOPMENT: One (1) credit – 11th & 12th grades. Prerequisite: IED AND POE. **Students should also take an additional specialty course.** *This class is WEIGHTED.* This is the capstone course for the PLTW high school engineering program. Students in this course will apply all of their previous knowledge from engineering courses along with their core subject areas to solve a major problem using the engineering design process. Students will define a real-world problem that they have identified through research and will design and build a solution/invention to solve the problem. In addition to creating a solution, students will work in teams to present to an outside panel their research, findings, recommendations, and final project portfolio. Students will also work with outside professionals and mentors to assist them with their project.**

ROBOTICS: One (1) credit – 11th & 12th grades. Prerequisite: IED and POE or by prior teacher approval. This course is designed as an upper level course to provide hands on applications of mechanical and electrical engineering using robotics as the learning platform. Robotics includes a variety of engineering disciplines which include some of the following: drive train systems, gears and pulley systems, mechanical arms, pneumatic actuators, electronics, programming, and design. Students who are enrolled in this course will be building a variety of robots as in class projects as well as a part of the robotics team, Team SCREAM. Students must be willing to attend robotics competitions.


CNC MANUFACTURING & MACHINING: One (1) credit - 11th & 12th grades. Prerequisite: IED or POE or by teacher approval. A materials fee of \$50 is required. *This class is WEIGHTED.* This course introduces the use of computer numerical control (CNC) machine tools. Students enrolled in this course will be using state of the art, industry standard machine tools such as CNC mills, lathes and routers. The proper use of manual machine tools will be used as well. Students will be able to safely demonstrate and use CNC tools to create a variety of projects in the machine shop along with designing and programming using CAD/CAM software. This course is an excellent introduction to the manufacturing world and the numerous career opportunities available to machine tool operators and programmers.


MATERIAL PROCESSING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Drafting & Design or IED. A materials fee of \$50.00 is required. Students will learn to use various tools throughout the shop while building various projects. This course covers safety, measurement, proper tool usage, and electronics. Students will design a project, receive instruction on how to properly build it and will take it home when complete.


ENGINEERING APPRENTICESHIP: One (1) credit – 11th & 12th grades. Project Lead the Way, in conjunction with Maxion Wheels, is offering an apprenticeship program to students who are interested in engineering and technical trades. Students who are selected to the apprenticeship program will work as employees at Maxion Wheels. During the apprenticeship program students will work with mentors in various settings within the factory. Some of these areas include: engineering, electrical technician, maintenance technician, tool and die, network IT, etc. To be eligible for the program Project Lead the Way students must apply for a position, go through the interview process, and be selected by the hiring committee. In order to receive credit, students will work a minimum of 10 hours a week and submit a pay stub to the instructor on a weekly basis. ***Students must have instructor approval and be employed by Maxion before enrolling in the course.***


 **PLTW (CSE) COMPUTER SCIENCE ESSENTIALS: One (1) credit- 9th, 10th, 11th, & 12th grades. *This class is WEIGHTED.* This is the first foundation course of the computer science program and it is intended to be the first course taken by students interested in computer science. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply**


computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.


 **PLTW (CSP) ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: CSE or by teacher approval. *This class is WEIGHTED.* This is the second foundation course in the computer science department. Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science Principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. **Students choosing to take the Advanced Placement Computer Science Principles examination in May will pay a \$94.00 testing fee.****


 **PLTW (CSA) ADVANCED PLACEMENT COMPUTER SCIENCE A: One (1) credit- 11th & 12th grades. Prerequisite: CSE and CSP or by teacher approval. *This class is WEIGHTED.* Computer Science A focuses on further developing computational-thinking skills through the medium of Android™ App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, Java™ programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases. **Students choosing to take the Advanced Placement Computer Science A examination in May will pay a \$94.00 testing fee.****

 **PLTW CYBERSECURITY: One (1) credit- 11th & 12th grades. Prerequisite: CSE and CSP or by teacher approval. *This class is WEIGHTED.* Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. **Cybersecurity will be available fall 2019.****

 **PLTW (PBS) PRINCIPLES OF BIOMEDICAL SCIENCE: One (1) credit- 9th, 10th, 11th, & 12th grades. Prerequisite: Currently taking or have taken biology. *This class is WEIGHTED.* This is the first foundation course of the biomedical science program and it is intended to be the first course taken by students interested in biomedical science. Students are introduced to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. Students will investigate lifestyle choices and medical treatments that might have prolonged the woman's life and demonstrate how the development of disease is related to changes in human body systems. **Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.****

 **PLTW (HBS) HUMAN BODY SYSTEMS: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: PBS. *This class is WEIGHTED.* This is the second foundation course of the biomedical science program and it is intended to be taken after PBS. Students examine the interactions of body systems as they explore identity, communication, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases, and often play the role of biomedical professionals to solve medical mysteries. **This course will be available fall of 2019. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.****

 **PLTW (MI) MEDICAL INTERVENTIONS: One (1) credit- 11th & 12th grades. Prerequisite: PBS and HBS. *This class is WEIGHTED.* This is a specialty course in the biomedical science program and it is intended to be taken after PBS and HBS. Students in this course investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. The course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios students will be exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. **This course will be available fall of 2019. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.****

 **PLTW (BMI) BIOMEDICAL INNOVATIONS: One (1) credit- 11th & 12th grades. Prerequisite: PBS and HBS. *This class is WEIGHTED.* This is the capstone course of the biomedical science program and it is intended to be taken after PBS and HBS. In this capstone course, students apply their knowledge and skills to answer questions or**

solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public health. They have the opportunity to work on an independent project and may work with a mentor or advisor from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. **This course will be available fall of 2020. Students enrolled in this course must become a member of HOSA. This course is eligible for dual credit.**

VOCATIONAL FAMILY & CONSUMER SCIENCE

NUTRITION & WELLNESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. A lab fee of \$15 is required. This course offers an instruction program that prepares individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; understand and promote nutritional knowledge by implementing the use of MyPlate into daily life; and the application of related math and science skills. **Students are highly encouraged to join FCCLA.**

CREATIVE FOODS I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Nutrition and Wellness. A lab fee of \$25 is required. This course explores different cooking techniques and the preparation of a variety of different foods. Topics include the selection and care of food, meal management, optimal use of the food dollar, basic skills involved in the art and science of baking and food combinations from stir-fry's to casseroles. **Students are highly encouraged to join FCCLA.**

CREATIVE FOODS II: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Creative Foods I with a passing grade of C or higher. A lab fee of \$30 is required. This is an upper level course where students use techniques and preparation skills learned in Creative Foods I and build upon those concepts. Students will explore other areas of cooking that were not covered in Creative Foods I. The class will cover different regions around the world and how geography, climate, and culture affect the development of the cuisine. Included will be an extensive project where the students will design a restaurant, its menu, recipes for the foods on the menu, and a marketing plan to promote the restaurant. **Students are highly encouraged to join FCCLA.**

INTERPERSONAL RELATIONSHIPS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course begins with the student today and explores individual growth in personality and character in relationship to heredity and environment. Students will then explore and develop positive ways to communicate, handle confrontation, and establish healthy positive interpersonal relationships. The intent is to help avoid mistakes in general social life, dating years and marital life. Common problems in society that affect the individual and family unit will be explored and positive ways of coping with stressors of life will be examined, especially from the teen perspective. The text, wide readings, audio-visual materials, professional guest speakers, and class discussions are all used in this course. **Students are highly encouraged to join FCCLA.**

APPAREL, TEXTILES & FASHION: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: FACS class/sewing experience. A lab fee of \$20 is required. This is an instruction program that prepares individuals to understand the social, psychological and physiological aspects of clothing and textiles; the nature, acquisition and use of clothing and textile products; the selection, construction, maintenance and alteration of clothing and textile products; and the effect of consumer choices on the individual and family, as well as the clothing and textile industry. **The student will be required to purchase additional material and supplies for one project. Students are highly encouraged to join FCCLA.**

ADVANCED APPAREL, TEXTILES & FASHION: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Clothing, Textiles and Construction I with a passing grade of C or better. A lab fee of \$20 is required. This course builds upon the basic sewing skills learned in Clothing, Textiles and Construction I and the student will perfect and refine sewing construction techniques. Students will create a garment of the student choice with instructor approval based upon sewing skill assessment. Students will also create a home decorator project. Students will participate in a sewing service project. **The student will be required to purchase additional material and supplies for sewing projects of student choice. Students are highly encouraged to join FCCLA.**

CHILD DEVELOPMENT: One-half (1/2) credit – 10th, 11th & 12th grades. This class is a semester course for students who have an interest in children and/or in careers working with children. The course will include units in understanding child growth and development, career opportunities, school of children, and curriculum planning for preschoolers. **Students are highly encouraged to join FCCLA.**

HOUSING ENVIRONMENTS & DESIGN: One-half (1/2) credit – 11th & 12th grades. This course prepares individuals to make important housing decisions and create a desirable living environment. This course is a study of all areas of homes including: the history of housing structure and architecture, a comparison of renting and buying, finding housing, exploring ways to make housing fit family needs, floor plans, furniture selection, and using design principles and color to create a comfortable living environment. **Students are highly encouraged to join FCCLA.**

PARENTING: One-half (1/2) credit – 11th & 12th grades. This course will focus on the skills involved in becoming a better parent. Areas to be covered will include the decision to be a parent, becoming a parent, care of children, helping children learn and develop guidance and resources available to the family to assist in the care and development of the child. Speakers, audio-visuals, readings, demonstrations, discussions and student presentations will be used to learn about parenting. **Students are highly encouraged to join FCCLA.**

FCCLA LEADERSHIP: One-half (1/2) credit- 9th, 10th, 11th, & 12th. **FCCLA Participation is required.** This course provides vocational, family, and consumer science students an opportunity to grow as leaders for their school and future careers. Students will learn about and participate in FCCLA activities on the local and state level in competitive events.

CAREER PATHWAYS FOR THE TEACHING PROFESSION: One (1) credit- 10th, 11th, & 12th grades. This class is designed for students who are considering the elementary or secondary teaching profession or corporate educator. The course focuses on the general theory and practice of learning and teaching. The first course includes the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education.

PRACTICUM IN TEACHING PATHWAY: One (1) credit- 12th grade. **Teacher Recommendation & MUST provide own transportation.** This course provides students with a seamless pathway to study the profession through experiencing the classroom as an intern. Each student is assigned to a district school within the high school attendance boundaries. Pre-Professional Educator Cadet practicum students complete reflection journals, prepare and present a lesson(s) and work closely with students of the assigned supervising teacher. Students will demonstrate good moral character, good work habits, responsibility, punctuality and organizational skills.

ProSTART I: One (1) credit- 10th, 11th, & 12th grades. **Prerequisite: Nutrition & Wellness with a C or better. A lab fee of \$30 is required.** This course is designed to prepare individuals in the pursuit of a career in the hospitality/food service industry. ProStart I is an intensive course covering topics such as sanitation and safety, nutrition, kitchen basics, commercial equipment, foodservice costs, and other basic concepts related to culinary skill development and restaurant management.

BUSINESS & MARKETING EDUCATION

INTRODUCTION TO BUSINESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grade. This is an introductory course explaining the role and purpose of business in our global economy. The student will learn of his relationship with business as a consumer, worker, and citizen. The course will also include the introduction of career opportunities and the basics of creating a business plan.

BUSINESS TECHNOLOGY I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course will allow students to use a computer and other technologies common in businesses to accomplish activities similar to current trends in business and industry. The course content will include a very quick review of the keyboard, introduction to a computer network system, introduction to computer parts and functions, Internet use and the current operating system. The students will learn to use Microsoft Office Word and Excel in depth to complete common tasks in the workplace. This is an applications oriented course and class assignments will require keyboarding skills. **It is strongly recommended that students who complete this class continue with Business Technology II. This course is articulated with SFCC.**

BUSINESS TECHNOLOGY II: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. **Prerequisite: Business Technology I.** This course will allow students to use a computer and other technologies common in business to accomplish activities similar to current trends in business and industry. The course content will include a very quick review of Microsoft Word and Excel, and review from Business Technology I. The students will learn to use Microsoft Office PowerPoint and Access in depth. Students will also learn voice recognition software – Dragon Naturally Speaking. Some HTML may be introduced. This is an applications oriented course and class assignments will require keyboarding skills. **This course is articulated with SFCC.**

COMPUTER GRAPHICS: One-half (1/2) credit – 9th & 10th grades. **Prerequisite: Business Technology I.** This course is designed for both college and work bound students and will familiarize students with the creative side of

computers and spark new career interests. Students will learn basic concepts of vector and raster editing software, desktop publishing software, and animation software. Students will learn to create their own graphics and animations. They will also learn to use computer accessories including the digital camera and scanner. Students will be able to expand computer skills and produce a digital portfolio which can actually be used. Projects include: digital photo editing, flyers, cartoons, logos, and other business documents.

DESKTOP PUBLISHING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Business Technology I. This area of instruction provides content for employment in career areas which include desktop publishing skills and is designed for both college and work bound students. This course will allow students to complete projects such as brochures, advertisements, newsletters and other business documents. Students will be able to expand computer skills and produce a personal portfolio which can actually be used.

MULTIMEDIA: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course provides students with experience focusing on creative expression. Students will explore digital video and audio, 3-D animation, and interactive multimedia. It also includes small video projects to learn video production techniques. Students who enroll in this course should have social skills, be creative, and have the ability to work individually as well as part of a team.

TIGER VISION: One (1) credit- 10th, 11th, & 12th. Prerequisite: Multimedia or teacher approval. This course is a continuation of Multimedia and includes determining and working out ideas for video productions for the school. After school participation such as taking a video at events is mandatory all year long. Students that apply to take this course should have social skills, be creative, have the ability to work individually and as part of a team. The student should have dedication to this year-long process and understand that class is time consuming and hard work is required.

WEB PAGE DESIGN: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Business Technology I. The Internet has become a central item in business and knowledge of web page design will increase a student's abilities and skills as a potential employee. Students will learn to design, create, and maintain web pages using HTML, web page editors, graphics software, and equipment. **This course is articulated with SFCC – One (1) credit hour only.**

INTRODUCTION TO COMPUTER SCIENCE: One-half (1/2) credit – 9th, 10th, 11th, & 12th grades. This course addresses the knowledge and skills required of students desiring to have a career in technology. This class will include basic programming concepts, variables, modular program design, incorporating graphics and simple data structures. The student will analyze and define problems, create a programming outline, write computer code to solve problems, find errors and debug the program and make it into an executable file. The student will learn and practice ethical behavior in areas of programming and using software. This course is not required, but recommended, for students who plan to take Computer Science Essentials (PLTW).

BUSINESS LEADERSHIP: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. FBLA Participation is required. This course provides business students an opportunity to grow as leaders for their school and future careers. Students will learn about and participate in FBLA activities including local, state, and national competitive events and the Business Achievement Awards. This course provides an opportunity for students to work on FBLA activities in class. This class can be taken more than once, if the student's schedule allows.

PERSONAL FINANCE: One-half (1/2) credit – 11th & 12th grades. This course is designed to assist the student in preparation of his/her personal finance records and teach basic skills in budgeting, insurance, saving, credit, using a checking account, income tax preparation, and basic math skills. Students will begin to develop the knowledge to cope with everyday consumer matters and learn record keeping skills that can carry over to entry-level jobs. Students will use the computers to enhance such skills and complete financial simulations. **This course is a state requirement for graduation.**

ACCOUNTING I: One (1) credit – 10th, 11th & 12th grades. This course is a study of the basic accounting principles used by individuals and organizations. The student will learn to record, interpret, and analyze accounting procedures used by sole proprietorships, partnerships and corporations. This course is recommended for students who have a variety of career objectives, as accounting is used in all areas of business.

ACCOUNTING II: One (1) credit – 11th & 12th grades. Prerequisite: Accounting. This class is WEIGHTED. This program focuses on the important internal and external uses of accounting data. Managerial Accounting covers internal uses, and includes departmentalized accounting. Financial Accounting emphasizes external uses. Corporate Accounting covers dividends, acquiring additional capital, and financial analysis. The student has the opportunity to acquire the capability of handling the accounting activities of a small or large business office and to

acquire additional background for future study in accounting or accounting-related fields. **This course is articulated with SFCC.**

ACCOUNTING III: One (1) credit – 12th grade. Prerequisite: Accounting II. *This class is WEIGHTED.* This course takes accounting students through the creation of a fictional LLC S-Corp where they will determine accounts needed, business process, investors, tax options, etc. for their company. Additionally, the course will explore specialty areas of accounting such as tax, non-profit, and government. Students will visit various local corporations as well as interact with accountants and universities across the United States via Skype or other media transmissions. Specific career options in accounting will be researched and evaluated.

MARKETING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course consists of a study of marketing concepts and principles and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter will include economics, marketing foundations/functions with emphasis on selling, promotion, product/service management, pricing, and distribution. In addition, this course will explore human resource and leadership development. DECA membership is encouraged so students can apply the course concepts to DECA projects and competitive events.

ADVANCED MARKETING: One-half (1/2) credit - 9th, 10th, 11th & 12th grades. Prerequisite: Marketing. Fee for DECA is \$25. This course is for students who are interested in a career in the field of marketing and management. Major emphasis is placed on applying key marketing concepts, human relations, communications, economic concepts, marketing operations and management, civic consciousness, and leadership development. **DECA membership and completion of a DECA Chapter Project is required since it is an advanced marketing class. DECA is major part of this class and projects developed will be used in DECA competitions.**

ADVERTISING & PUBLIC RELATIONS: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course is designed to focus students interested in the field of marketing by developing an understanding of concepts and strategies needed to communicate information about products, services, ideas, and/or images to achieve a desired outcome. Students will become familiar with career opportunities in the fields of advertising and public relations. Students will focus on the implementation and presentation of an ad campaign for a local business. DECA is a major part of this class and projects developed will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

ENTREPRENEURSHIP: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course will include enhanced marketing information as it relates to entrepreneurial activities. Subject matter will include introductory entrepreneurial concepts, business plan development, management responsibilities, and legal and ethical issues of business ownership. Students will take part in a mock business plan while researching the success/failures of local businesses. DECA is a major part of this class and projects will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

SPORTS & ENTERTAINMENT MARKETING: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course will include a specialized marketing course which is designed for students to develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. DECA is major part of this class and projects developed will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

ADDITIONAL PRACTICAL ARTS

LIFE SKILLS TTR: One (1) credit per year – 9th, 10th, 11th, & 12th grades. Prerequisite: Teacher/team referral required. This course is designed to improve communication skills for students in the areas of writing, speaking and listening. Specific life/work skills relating to decision making, problem solving and cooperating with others will be emphasized. In addition, students will be assisted in developing positive attitudes and skills which will increase their success in work, independent living and citizen responsibility. To facilitate the process of assessing student's current knowledge on the topic and to provide more specific instruction to areas that need further development, students will be given assessments in the areas of, but not limited to, readiness for employment, self-determination, independent living, and post-secondary preparation.

ON JOB TRAINING: (number of credits arranged) – 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. The Cooperative School-Work Program for students, who have individualized plans, provides an

opportunity, based on age and ability, to receive on the job training for payment of work or on a volunteer basis with permission of and supervision by the Work Experience Coordinator.

PHYSICAL EDUCATION & HEALTH

PERSONAL FITNESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This class will cover units on individual/team sports and lifelong fitness activities. Specific units will vary from the fall to spring semester.

ATHLETIC CONDITIONING: One (1) credit – 9th, 10th, 11th & 12th grades. This class will focus on strength conditioning through weight training, agility drills, and knowledge of nutrition. This course may be taken more than once with instructor approval. Classes will be coed.

LIFETIME SPORTS: One-half (1/2) credit – 10th, 11th, & 12th grades. Prerequisite: Prior PE credit & teacher approval. Through the participation in several sports, students will gain the knowledge necessary to become an educated participant and spectator. The involvement in specific sports will provide an atmosphere that is enjoyable to the participants, promotes cooperation among peers and develop an appreciation for the degree of fitness necessary to participate. The following sports are included in the course Lifetime Sports: archery, tennis, badminton, bowling, golf, washers, shuffleboard, ultimate frisbee/football, ping pong, and other athletic-related activities.

HEALTH: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course covers a study of the human body and its functions in relation to body care and disease prevention. **This class is a state requirement for graduation.**

ELECTIVES

FOREIGN LANGUAGE DEPARTMENT

LEVEL I – SPANISH: One (1) credit – 8th, 9th, 10th, 11th & 12th grades. The level I Spanish course will introduce students with little or no Spanish knowledge to basic vocabulary and sentence structure. Students will explore customs and traditions of Spanish-speaking countries. *This course is not designed for native Spanish speakers, who would be better placed beginning in a more advanced level.*

LEVEL I – FRENCH, GERMAN: One (1) credit – 9th, 10th, 11th & 12th grades. The level I French or German course will introduce students to basic vocabulary and sentence structure. Students will explore customs and traditions of French or German-speaking countries.

LEVEL II – SPANISH: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Level I with a grade of C or better. The level II Spanish course is a continuation of level I, emphasizing the ability to narrate the past. *This course is not designed for native Spanish speakers, who would be better placed beginning in a more advanced level.*

LEVEL II – FRENCH, GERMAN: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Level I. The level II French or German course is a continuation of level I, emphasizing the ability to narrate the past.

LEVEL III – SPANISH: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Level II or native Spanish speaker. This class is WEIGHTED. The level III Spanish course is a continuation of level II, emphasizing communication skills and intermediate concepts.

LEVEL III – FRENCH, GERMAN: One (1) credit – 11th & 12th grades. Prerequisite: Level II. This class is WEIGHTED. The level III French or German course is a continuation of level II, emphasizing communication skills and intermediate concepts.

LEVEL IV – SPANISH : One (1) credit – 11th & 12th grades. Prerequisite: Level III or native Spanish speaker. This class is WEIGHTED. The level IV Spanish course is a continuation of level III, emphasizing

communication skills and advanced concepts. **Students choosing to take the Level IV Foreign Language (AP) examination in May will pay \$94.00.**

LEVEL IV – FRENCH, GERMAN: One (1) credit – 12th grade. Prerequisite: Level III. *This class is WEIGHTED.* The Level IV Foreign Language course is a college level class and will follow the Advanced Placement Program curriculum. Interested students will sign up for this class with a limited number being admitted. **Students choosing to take the Level IV Foreign Language (AP) examination in May will pay \$94.00.**

LEVEL V- SPANISH: One (1) credit- 12th grade. Prerequisite: Level IV or native Spanish speaker. *This class is WEIGHTED.* The level V Spanish course is a continuation of level IV, emphasizing communication skills and advanced concepts. This class is conducted almost entirely in Spanish. **Students choosing to take the Level V Foreign Language (AP) examination in May will pay \$94.00.**

SPANISH HISTORY & LITERATURE: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Level III or IV or native speaker. This course is recommended for native Spanish speakers and advanced Spanish students. It focuses on history and literature of Spain and Latin America.

ADDITIONAL ELECTIVES

COLLEGIATE ATHLETIC PREPARATION: One-half (1/2) credit – 11th & 12th grades. Teacher/Coach approval and/or recommendation needed. This course will assist student athletes in preparing and promoting themselves for athletic recruitment by colleges and universities. It is a requirement for the athlete to take the course during the season of their primary sport. Students will develop and maintain academic and athletic profiles through online resources to help student athletes continue participation at the post-secondary level. NCAA & NAIA clearinghouse procedures will be completed.

ENGLISH AS A SECOND LANGUAGE (ESL) – LEVELS II, III, IV: One (1) credit – 9th, 10th, 11th, & 12th grades. Students in these courses are placed by English language ability. The courses support the learning of the English language.

PUBLIC SPEAKING (DUAL CREDIT): One-half (1/2) credit – 10th, 11th, & 12th grades. *This dual credit class is WEIGHTED.* This course is a study and practice of basic rudiments involved in generating, designing, delivering and evaluating ideas for speech situations facing adults of our society. The class is aimed at developing practical skills as opposed to being steeped in theory. The primary goal is to develop self-confidence in each student with emphasis on growth, change and behavior.

YEARBOOK: One (1) credit - 9th, 10th, 11th & 12th grades. Prerequisite: Teacher approval and application. This course includes determining and working out ideas and designing the school yearbook. After school participation such as taking pictures and selling advertisements is mandatory all year long. It also includes small projects to boost school spirit such as a spirit week contest, locker decorations, student bulletin, etc. Students that take this course should have social skills, be creative, and have the ability to work as a team as well as alone. The student should have dedication to this year long process. This class is time demanding and laborious and hard work is required.

INTRODUCTION TO JOURNALISM: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Students will learn the principles of journalism and how to write in journalistic styles (news, features, opinion). Understanding of media messages, the role of journalism in society and the First Amendment are included. Students will interview sources, take notes and write on deadline; they also will maintain a blog. Students' stories will be eligible for publication in the *Sedalia Democrat* newspaper as part of the "Rookie Reporters" program.

SMITH-COTTON MEDIA: One-half (1/2) credit – 9th, 10th, 11th, & 12th grades. Prerequisite: Application and instructor approval. Must have completed Introduction to Journalism. This is the working newsroom of Smith-Cotton Media, creating a student newspaper and regularly scheduled news video program. Students will be assigned beats to ensure timely and consistent coverage of news and events related to Smith-Cotton High School in particular and the Sedalia 200 district in general. Content created will be posted on the district website and offered to local media outlets for additional distribution. Students will work in traditional storytelling forms and will learn appropriate and effective use of social media in story production and promotion.

LIBRARY MEDIA SKILLS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. By application only (see Librarian). Students will learn and be able to perform various skills needed to work in a library setting. Students will perform, but not be limited to, the following duties: check books in and out, help students and teachers find items in the library, deliver materials to classrooms, and return books to bookshelves. Good customer service skills are required as students work with each other and all users of the library media center. **Class assignments include**

reading one book per quarter. Students may enroll in this class full-year or multiple times with instructor permission.

JUNIOR RESERVE OFFICER TRAINING CORPS: One (1) credit – 9th, 10th, 11th & 12th grades. JROTC is a Leadership and Character Development program. The Program of Instructions being taught uses the latest instruction technologies and focuses on the student (“cadets”) centered learning in a structured environment. Through participation in the learning process cadets are able to get a deeper understanding of the subjects and how they may apply what they have learned. Co-curricular and competitive activities include Color Guard Team, Drill Team/Exhibition without Arms, Drill Team/Exhibition with Arms, Raider Team, Academic Team, Leadership Team, Cadet Challenge competitions, Leadership/Adventure Training events, field trip(s), an annual District JROTC Ball, and an optional summer camp. In addition to an academic elective credit for the course cadets can earn a Smith-Cotton Varsity letter for competing on one of the teams. They also earn rank and JROTC awards for their achievements. (The Sedalia Board of Education policy allows one (1) credit of Physical Education upon the completion of the second year in JROTC). Certification of a cadet’s physical health is also a requirement to be enrolled in this class. The JROTC Program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program is a stimulus for promoting graduation from high school and it provides instruction and rewarding opportunities, which will benefit the student, community and nation. JROTC provides education and training in skills and knowledge like Leadership, Service Learning, Community Service, Geography, and Goal Planning which are useful to students upon graduating from high school. In addition to classroom instruction, students are expected to properly wear the JROTC uniform one day per week (mandatory) and participate in physical training events as required.

CAREER DEVELOPMENT: One (1) credit – 12th grade. Placement MUST BE approved by the A+ coordinator prior to enrolling in the class and students MUST PROVIDE their own transportation. This course is designed to give seniors an opportunity to go to a place of business in Sedalia and observe how that business operates. This placement should be in the career field where the student plans to continue their education or receive additional training after high school (medical, accounting, etc.).

ACT PREPARATION: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Prior to enrollment, the counseling office MUST have ACT score on file. This course will provide an overview of the four skill areas of English, mathematics, reading, and science and teach test taking strategies. Students will focus on how to take the general multiple-choice ACT Test and will be introduced to the optional ACT Writing Test. This class is designed for students who are planning to take the ACT assessment during the current school year. **This course may only be taught through LAUNCH.**

TIGER TUTORS: One-half (1/2) credit –12th grade. Prerequisite: Must be able to meet A+ guidelines regarding attendance, G.P.A. and citizenship. This course will help fulfill state requirements for 50 hours of tutoring/mentoring by students pursuing A+ status. The class will meet in a designated area for the first day and students will report to their assigned school the second day of class. Students will be placed with a supervising teacher at the district’s elementary, secondary, or high schools for the semester. **Students must provide their own transportation to the field schools. A parent or guardian must sign a transportation waiver. Those without a driver’s license will either be placed at the high school (if appropriate) or may earn their hours under alternate tutoring options.**

OFFICE WORKER: 12th grade given priority. This class does not receive credit. Students are assigned to work in either the principal or the school counseling offices.

WORK STUDY: One-half (1/2) credit – 11th & 12th grades. (11th graders will need counselor approval.) This is a program for students who are employed in a regular job and wish to receive credit for working. A student must be employed a minimum of 8 hours per week per block of work study. Work hours must be maintained throughout the semester with pay stubs turned in after each pay period.

PSYCHOLOGY: One-half (1/2) credit – 10th, 11th & 12th grades. This course provides instruction in the elementary principles of psychology, thereby helping the student to understand human behavior. An objective is to help the student to better understand his own behavior and that of others.

SOCIOLOGY: One-half (1/2) credit – 10th, 11th, & 12th grades. This course will define the concept and origins of sociology as it relates to Social Scientists of the past. Students will examine topics of interest to sociologists, such as culture, society, social interaction, socialization, groups, deviance and social control, social class, and global

stratification. The course will conclude by looking at several different components of society such as gender, age, race and ethnicity, marriage and family, education, and religion.

SIGN LANGUAGE: One-half (1/2) credit- 9th, 10th, 11th, & 12th. Students will be exposed through a variety of lessons based on the beginning curricula written and developed by Gerilee Gustason who was a co-author and developer of Signing Exact English (copyright 1993). Students will be guided through the lessons and evaluated based on their performance on tests, songs, and conversation. "Signing Exact English (SEE) is a sign language system that represents literal English. It is a tool to make visible everything that is not heard. Since American Sign Language (ASL) has different vocabulary, idioms and syntax from English, SEE modifies and supplements the vocabulary of ASL so children can see clearly what is said in English." (taken from the S.E.E. Center website - <http://www.seecenter.org/index.html>).

GENERAL SOCIOLOGY (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). It is strongly recommended that students take these tests before the beginning of the following school year. This dual credit class is WEIGHTED. This course will introduce the basic principles, concepts, research strategies, and empirical findings representative of the field today. It will explore the relationships of individuals and groups in the context of broader social patterns and establish a basis for further study in the field. The course topics may include gender and racial inequality, deviance, economic and political institutions, social mobility, and concepts related to current social and cultural change.

GENERAL PSYCHOLOGY (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). It is strongly recommended that students take these tests before the beginning of the following school year. This dual credit class is WEIGHTED. This course will cover the introduction to the scientific study of behavior and mental processes. It will include a survey of historical and current theories, theorists and perspectives in psychology. The course goals will include increasing critical thinking and intellectual curiosity about psychological phenomenon and provides a basis for further study in the field. Topics include neurology, sensation and perception, consciousness, learning, psychometrics, personality development, and mental illness and wellness.

STUDY SKILLS TTR: One (1) credit per year – 9th grade ONLY. Prerequisite: Teacher/team referral required. This course will include individualized instruction in specific compensatory skills as well as assistance in an identified area of difficulty, including continual development and improvement in overall vocabulary. In addition, students will be instructed in work place skills including skills and techniques for interacting appropriately with others.

SOCIAL SKILLS TTR: One (1) credit per year—9th, 10th, 11th, 12th grades. Prerequisite: Teacher/team referral required. This course will include individualized instruction in specific social interactions, as well as assistance in an identified area of difficulty, including continual development and improvement in overall social vocabulary. In addition, students will be instructed in work place skills including skills and techniques for interacting appropriately with others.

TRANSITION LAB TTR: One-half (1/2) credit – 11th & 12th grades. Prerequisite: Teacher/team referral required. This course will assist students in the transition process of moving from school to the post-secondary setting. Students will investigate post-secondary options of further education/training, direct employment after high school, and/or independent living skills.

EDUCATION RESOURCE TTR: One (1) credit per year – 9th, 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. This course is designed for students who wish to improve conduct and behaviors. The primary goal of the course is to instruct students in the skills and techniques needed to interact appropriately with others. Instruction is provided to address specific behavioral concerns. Students will be exposed to vocational and other transition related information. To facilitate the process of assessing student's current knowledge on the topic and to provide more specific instruction to areas that need further development, students will be given assessments in the areas of, but not limited to, readiness for employment, self-determination, independent living, and post-secondary preparation.

CAREER & TECHNICAL EDUCATION

State Fair Career & Technology Center (CTC)

State Fair CTC courses will meet the PRACTICAL ARTS requirement. Students enrolling in the CTC must be making adequate progress toward meeting graduation requirements in the core subjects. Classes at the CTC are FULL YEAR classes and students should plan to be in attendance the full year.

AUTOMOTIVE SERVICE TECHNOLOGY: Three (3) credits – 11th & 12th grades. The Automotive Service program is a two-year ASE (Automotive Service Excellence) certified course of study, providing basic entry-level skills in a variety of automotive service areas or for advanced placement in college automotive technology programs. Students completing our ASE-certified program have the opportunity to gain certifications in the following areas: Brakes, Steering & Suspension, Engine Performance, and Electrical. **This course is eligible for dual credit.**

BUILDING TRADES: Three (3) credits - 11th & 12th grades. The Building Trades program is a two-year course of study that prepares students for a variety of jobs in the construction industry. This program consists of classroom instruction enhanced by the hands-on experience of building a house. Students completing this course will gain valuable knowledge and skills that will prepare them for entry level positions among various construction trade areas such as carpentry, masonry, concrete, and many others. Students will also be prepared to pursue post-secondary education or certifications in construction management programs. **This course is eligible for dual credit.**

CRIMINAL JUSTICE: Three (3) credits- 11th & 12th grades. The Criminal Justice program is a two-year plan of study that prepares students for entry-level employment in criminal justice fields or advanced placement in post-secondary training or college programs. Students who enroll in this course learn about our criminal justice system and law enforcement practices. In addition to the criminal justice content, this course works extensively with communication, leadership, community service, and leadership skills which are all crucial to modern criminal justice careers. **This course is eligible for dual credit.**

EARLY CHILDHOOD CAREERS: Three (3) credits - 11th & 12th grades. The Early Childhood Careers program is a two-year course of study designed for students who want to work in careers involving young children and their families. Students will have experiences with infants, toddlers, preschoolers and their parents. Early Childhood Career students will be responsible for planning activities that stimulate a child's cognitive, physical, emotional and social growth. In addition, trainees will learn to provide a safe, healthy and loving environment that will allow children to explore and develop their natural curiosity and imagination. Students will complete practical experience in area schools and child care facilities. This course of study is for those interested in teaching PreK or working as a daycare provider. **This course is eligible for dual credit.**

GRAPHIC DESIGN: Three (3) credits – 11th & 12th grades. The Graphic Design program is a two-year course of study that is created to enhance students' skills and opportunities related to the graphic design industry. Students will learn technical knowledge and skills in electronic layout design, principles of graphic and web design, digital manipulation, sublimation printing, vinyl design and preparation, and screen-printing. In addition, this program provides outside experience to further student's experience and skill levels. Students who complete this program will be qualified for entry level positions in various graphic design opportunities or they can further their education through post-secondary certificate or degree programs. **This course is eligible for dual credit.**

HEALTH OCCUPATIONS: Three (3) credits – 11th & 12th grades. The Health Occupations program is a one-year plan of study that prepares students for employment in the health care field. Students will learn the basic nursing skills of vital signs, personal care/hygiene, food service, and transfer techniques. Students will have the opportunity to apply their skills at a local health care facility, and will job shadow in the health care field. Students who successfully complete the first year program will become a registered CNA and are eligible to apply for the nursing program at

SFCC and begin classes a year early. This program prepares students to obtain entry-level employment as a CNA and it prepares them to further their education in health care related programs at the college level. **This course is eligible for dual credit.**

INDUSTRIAL EQUIPMENT MAINTENANCE: Three (3) credits – 11th & 12th grades. The Industrial Equipment Maintenance program will prepare students for a wide variety of opportunities in technical careers related to electrical and industrial professions. Students will obtain skills for entry-level positions in manufacturing and electrical installations, service, or maintenance. The program can be applied to certificates and an Associate of Applied Science (AAS) degree, or qualify you for advanced placement in college programs. Students will work on a variety of electrical, mechanical, and industrial projects and labs along with classroom instruction. **This course is eligible for dual credit.**

PRECISION MACHINING: Three (3) credits – 11th & 12th grades. The Precision Machining Technology program is a two-year course of study designed to expose students to the high-tech world of advanced manufacturing. Students will receive experiences in operating machines such as drill presses, milling machines, lathes, grinders, and Computer Numeric Controlled (CNC) machines including computer controlled lathes, mills, and lasers. Students who complete the program will be eligible for entry-level positions in precision machining and manufacturing jobs. They can also further their education by enrolling in post-secondary certificate or college programs. **This course is eligible for dual credit.**

WELDING: Three (3) credits – 11th & 12th grades. The Welding program is certified by the American Welding Society (AWS) and is a two-year course of study that covers the four basic welding processes: Arc, Mig, Tig, and Oxyacetylene. In addition to the welding processes students will learn about weldment print reading and safe operating procedures. Each student will spend a significant amount of time in the welding lab developing successful welding techniques. Students who complete the course will be eligible for entry-level positions as a welder or they can pursue additional certifications or college degree programs. **This course is eligible for dual credit.**

CTC EMBEDDED MATH: One (1) credit- 12th grade. Students enrolled in CTC programs will receive embedded math content throughout their two year programs provided by a certified math instructor. Students who complete both years of their program will receive one (1) credit for math. **This course is eligible for dual credit. SEE YOUR COUNSELOR FOR ELIGIBILITY REQUIREMENTS FOR THIS EMBEDDED CREDIT.**

CTC EMBEDDED LANGUAGE ARTS: One (1) credit- 12th grade. Students enrolled in CTC programs will receive embedded language arts content throughout their two year programs provided by a certified language arts instructor. Students who complete both years of their program will receive one (1) credit for language arts. **This course is eligible for dual credit. SEE YOUR COUNSELOR FOR ELIGIBILITY REQUIREMENTS FOR THIS EMBEDDED CREDIT.**

Dear Parents and Students:

This Educational Planning Guide contains a wealth of information to assist as you organize and implement a plan for your high school career and beyond.

The career path information offers a range of possible careers for each student to consider. Parents can use the career path information to discuss career opportunities with their children.

Student course selection is very important. Schedule changes can be very difficult and/or denied; therefore, students and parents should carefully consider course selections to ensure the most appropriate choices for students. The teachers, counselors, and administrators are available to assist students and parents as they make course decisions. Please do not hesitate to ask for this assistance.

Sincerely,

Smith-Cotton High School and Whittier Administrative & Counseling Teams



**Sedalia School District #200
Web Site**

www.sedalia200.org

**SEDALIA SCHOOL DISTRICT #200
EDUCATIONAL PLANNING GUIDE**

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*Cover Designed by Brandi Estes
2016-17 Multimedia Productions Class*

HIGH SCHOOL COURSE GRADUATION REQUIREMENTS

EIGHT SEMESTERS of HIGH SCHOOL ATTENDANCE are strongly recommended for all students. If students have completed all required courses and have earned 24 units of credit, early graduation requests will be considered on a case by case basis. Students must submit a letter of their intent to graduate early to the principal the semester before they plan to graduate.

CURRICULAR AREAS	COURSE OFFERINGS
ENGLISH (4 Units)	English I, Honors English I, English II, Honors English II, English III, Honors English III, English IV, Honors English IV <u>Advanced Placement:</u> AP English Literature and Composition <u>Dual Credit:</u> English Composition I & English Composition II
SOCIAL STUDIES (3 Units)	World History, American History, American Government (1/2 unit), Economics, Law & You, Geography, Missouri History, Current Events, The Holocaust, History of Vietnam War, History of Civil War <u>Advanced Placement:</u> AP US History <u>Dual Credit:</u> US History Before 1877, World Civilization Before 1500
MATHEMATICS (3 Units)	Intro to Algebra, Algebra A, Algebra B, Real World Math, Algebra I, Algebra II, Algebra III, Honors Algebra II, Geometry Concepts, Geometry, Pre-Calculus, Statistics <u>Advanced Placement:</u> AP Calculus <u>Dual Credit:</u> Contemporary Mathematics, College Algebra, College Trigonometry, Calculus
SCIENCE (3 Units)	Biology, Physical Science, Earth Science, Environmental Science, Chemistry I, Chemistry II, Physics I, Physics II, Zoology, Human Physiology I & II, Forensic Science, Astronomy <u>Advanced Placement:</u> AP Biology <u>Dual Credit:</u> Human Biology
FINE ARTS (1 Unit)	See Course Offerings
PRACTICAL ARTS (1 Unit)	See Course Offerings
PHYSICAL EDUCATION (1 Unit)	Personal Fitness, Athletic Conditioning, Lifetime Sports
PERSONAL FINANCE (1/2 Unit)	Personal Finance
HEALTH (1/2 Unit)	Health
ELECTIVES (7 Units)	See Course Offerings
Totals	24 Credits

POST-HIGH SCHOOL EDUCATION ADMISSIONS REQUIREMENTS

CURRICULAR AREAS	Entering Freshman University of Missouri System Credit Requirements	Missouri Public 4 Year Colleges (i.e. UCM, MSU) Credit Requirements	Community & Technical Colleges (State Fair Community College, etc.)	Military Careers
COMMUNICATION SKILLS	4 Units	4 Units	 HIGH SCHOOL Diploma HIGH SCHOOL Diploma ACT or Accuplacer Placement Score is Required 	HIGH SCHOOL Diploma ASVAB Score is Required     
SOCIAL STUDIES	3 Units Government 1/2	3 Units Government 1/2		
MATHEMATICS	4 Units Algebra 1 & Higher	3 Units Algebra 1 & Higher		
SCIENCE	3 Units	3 Units		
FINE ARTS	1 Unit	1 Unit		
PRACTICAL ARTS	0 Units	0 Units		
PHYSICAL EDUCATION	0 Units	0 Units		
ADDITIONAL ELECTIVES	2 Units 2 Years of the Same Foreign Language	3 Units of Upper Level Electives		
OTHER REQUIREMENTS	Appropriate class rank and a minimum score of 24 on the ACT	Appropriate class rank and ACT score		



Missouri State
UNIVERSITY



CAREER PLANNING INFORMATION

Individual Career Planning Vocabularies

1. **Life Career Development:** Self-development over the life span through the integration of roles, settings, and events of a person's life.
2. **Individual Planning:** The process of on-going educational and career-planning services that helps all students develop personal plans of study organized around programs of study and their personal, career, and educational goals.
3. **Personal Plan of Study (PPOS):** A student's scope and sequence of coursework and related activities based upon their chosen Career Path or Career Cluster and their educational goals. Initiated in the eighth grade, it is designed to insure a successful post-secondary transition and is the key component of the Individual Planning process.
4. **Program of Study (POS):** Secondary-to-post-secondary sequences of academic and career education coursework, along with additional learning opportunities, that lead students to attain a post-secondary degree or industry-recognized certificate or credential.
5. **Career Paths to Clusters which leads to Career Pathways:** A progressive framework to organize the world of work and career information. The framework provides the structure to assist students in understanding the world of work, and to organize course and co-curricular offerings in the school.
6. **Missouri Connections:** A free web-based career and educational planning resource to help Missouri citizens determine their career interests, explore occupations, establish education plans, develop job search strategies, and explore degree programs. www.missouriconnections.org

How to choose a Career Path or Cluster:

1. Identify your interests, abilities, and talents.
2. Identify the career path or cluster that relates to your interests, abilities, and talents.
3. Explore occupations in those career paths or clusters.
4. Decide how much education you want to receive after high school.
5. Develop a personal plan of study by selecting courses and co-curricular activities that relate to your career educational and career goal.
6. If undecided regarding a career path or cluster, choose courses from different career areas to give you a better idea of your interests.

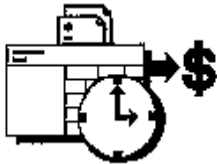
Career Paths and Career Clusters



Arts & Communications

These occupations are related to the humanities and the performing, visual, literary and media arts. They may include architecture, interior design, creative writing, fashion design, film, fine arts, graphic design and production, journalism, language, radio, television, advertising and public relations.

Career Clusters: Arts, A/V Technology and Communications



Business Management & Technology

These occupations are related to the business environment. They may include entrepreneurship, sales, marketing, computer/information systems, finance, accounting, personnel, economics and management.

Career Clusters: Information Technology; Finance; Marketing, Sales and Service; Business, Management and Administration



Health Services

These occupations are related to the promotion of health and the treatment of disease. They may include research, prevention, treatment and related technologies.

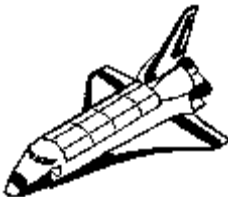
Career Clusters: Health Science



Human Services

These occupations are related to economic, political and social systems. They may include education, government, law and law enforcement, leisure and recreation, military, religion, childcare and social services.

Career Clusters: Human Services; Hospitality and Tourism; Government and Public Administration; Law, Public Safety, Corrections and Security; Education and Training



Industrial & Engineering Technology

These occupations are related to the technologies necessary to design, develop, install or maintain physical systems. They may include engineering, manufacturing, construction, service and related technologies.

Career Clusters: Science, Technology, Engineering and Mathematics; Architecture and Construction; Manufacturing; Transportation, Distribution and Logistics



Natural Resources

These occupations are related to the environment and natural resources. They may include agriculture, earth science, environmental sciences, fisheries, forestry, horticulture and wildlife.

Career Clusters: Agriculture, Food and Natural Resources

For more information on Missouri's career clusters, visit:

http://dese.mo.gov/divcareered/career_clusters.htm

CAREER PATHS INFORMATION

ARTS AND COMMUNICATION

Occupations related to the humanities and the performing, visual, literary, and media arts may include architecture, interior design, creative writing, fashion design, film, fine arts, graphic design, production, journalism, languages, radio, television, advertising, and public relations.

Are you a creative thinker, imaginative, innovative, original, and like to communicate ideas? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Arts and Communication:

Art	Digital Arts and Photography	Portfolio Development
Pottery & Sculpture	Advanced Pottery & Sculpture	Theatre courses
Adv Digital Arts & Photo	Film Appreciation	Speech
Fundamentals of Drawing	Competitive Speech & Debate	Creative Painting
Commercial Art & Design	Graphic Design @ SFCTC	Tiger Pride Productions
Vocal or Instrumental Music	Music Appreciation	AP Music Theory
IED	Drafting and Design Technology	DE
CEA	Nutrition & Wellness	Business Technology I
Apparel, Textiles & Fashion	Advanced Apparel, Text. & Fash.	Housing Environ. & Design
Psychology	Sociology	Marketing courses
Multimedia	Web Page Design	Foreign Language (2 years)
Intro to Journalism	Practical Journalism	S-C Media
Creative Writing	Writer's Journey/Story	Reading Fiction

Occupations in this career path may include:

Broadcast Technician	Architect
Compositor	Commercial Artist
Interpreter & Translator	Designer
Public Relations Specialist	Graphic Artist (Visual Artist)
Reporter & Correspondent	Fashion Designer
Technical Writer	Florist
Writer & Editor	Industrial Designer
Actors, Director & Producer	Interior Decorator
Dancer & Choreographer	Jeweler
Model	Merchandise Display Worker
Musician	Motion Picture Projectionist
Horticulturist	Sign Painter
Radio & TV Announcer/Newscaster	Photographer & Camera Operator

BUSINESS, MANAGEMENT, & TECHNOLOGY

Occupations related to the business environment may include entrepreneurship, sales marketing, computer/information systems, finance, accounting, personnel, and management.

Do you like being a leader, organizing people, planning activities for others and talking with important people? Do you like working with numbers or ideas, like to carry through an idea and see the end product, like to know what is expected of you, and like things around you to be neat and orderly? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Business, Management, & Technology:

Business Technology I/II	Desktop Publishing	Web Page Design
Accounting I/II/III	Marketing	Entrepreneurship
Advertising & Public Relations	Sports & Entertainment Marketing	Advanced Marketing
Housing Environments & Design	Apparel, Textiles & Fashion courses	Intro to Business
Computer Graphics	Business Leadership	Sociology
Interpersonal Relationships	Foreign Language (2 years)	Psychology
Intro to Computer Science (ICS)	Computer Science Principles (CSP)	FCCLA Leadership
Upper level math courses	Upper level science courses	Statistics
Creative Writing	Economics	Speech

Occupations in this career path may include:

Accountant & Auditor	Retail Sales	Bank Teller
Building Manager	Stock Broker	Billing Clerk
Budget Analysis	Travel Agent	Computer Operator
City Manager	Actuary	Court Clerk
Credit Manager	Computer Systems Analysis	Court Reporter
Postmaster & Mail Supt.	Computer Programmer	Data Entry Operator
Property & Real Estate Mgr.	Cost Estimator	Dispatcher
Purchasing Agent & Mgr.	Economics & Marketing	File Clerk
Cashier	Research Analysis	Postal Clerk
Real Estate Agent/Broker	Mathematician	Receptionist
Shipping & Receiving Clerk	Administrative Assistant	Statistician
Personnel, Training & Labor Relations Specialist	Underwriter	Adjuster, Investigator and Collector

HEALTH SERVICES

Occupations related to the promotion of health and the treatment of disease may include research prevention, treatment and related technologies.

Do you like helping people who are sick or helping people stay well? Are you interested in new diseases and how the body works? Do you like observing people and looking for changes in how they are doing? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Health Services:

Career & Family Leadership	Nutrition & Wellness	Foods courses
Child Development	Accounting	Speech
Human Physiology I/II	Human Biology	AP Biology
Chemistry	Physics	Law and You
Health Occupations @ SFCTC	Upper level math courses	Business Technology
Foreign Language (2 years)	Psychology	Sociology
Interpersonal Relationships		

Occupations in this career path may include:

Activities Therapist	Dental Assistant	Dental Lab Technician
Ambulance Attendant	Home Health Aide	Radiology Technologist
Dietician & Nutritionist	Medical Assistance	Dialysis Technician
Occupational Therapist	Chiropractor	Dispensing Optician
Occupation Therapy Assistant	Nursing Aide	EEG Technologist
Optometric Assistant	Optician	Emergency Med Technician
Pharmacist	Optometrist	Industrial Hygienist
Physical Therapist	Physician	Licensed Practical Nurse
Physician Assistant	Podiatrist	Medical Records Technician
Recreational Therapist	Registered Nurse	Nuclear Medicine Technician
Respiratory Therapist	Dental Hygienist	Ophthalmic Laboratory Tech
Pathologist & Audiologist	Ultrasound Tech	Surgical Technician

HUMAN SERVICES

Occupations related to economic, political and social systems may include education, government, law enforcement, leisure and recreation, military, religion, child care, and social services.

Are you friendly, open, outgoing, understanding, and cooperative? Do you like to work with people to help solve problems? Is it important to you to do something that makes things better for other people? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Human Services:

Law and You	Psychology	Sociology
Current Events	Economics	Marketing courses
Business Technology	Library Media Skills	Child Development
Career Pathways for Teaching	Practicum in Teaching Pathway	Art courses
Interpersonal Relationships	Career & Family Leadership	FCCLA Leadership
Upper level math courses	Foods courses	Parenting
Chemistry	Forensic Science	Library Media Skills
Early Childhood Careers @ SFCTC	Criminal Justice @ SFCTC	Speech
Accounting		

Occupations in this career path may include:

Court Administrator	Library Technician	Funeral Director
Lawyer & Judge	Preschool Worker	Housekeeper
Correction Officer	Secondary School Teacher	Janitor & Custodian
Firefighter	Special Educ. Teacher	Pest Control
Clergy	Teacher Aide	Refuse Collector
Minister, Rabbi, Priest	Chef & Cook	Flight Attendant
Religious Worker	Food & Beverage Service	Upholsterer
Adult Education Teacher	Meat Cutter	Aircraft Pilot
Archivist & Curator	Human Services Worker	Air Traffic Controller
College Faculty	Marriage Counselor	Bus Driver
Counselor	Social Worker	Rail Transportation
Librarian	Social Service Aide	Truck Driver
Police, Detectives & Special Agent	Vocational Rehab Counselor	Recreation Attendant
Elementary Teacher	Substance Abuse Counselor	Recreation Worker
Cosmetologist	Health & Skincare Specialists	Barber
Psychologist	Guard	Child Care Worker
Sociologist		

INDUSTRIAL AND ENGINEERING TECHNOLOGY

Occupations related to the technologies necessary to design, develop, install, or maintain physical systems may include engineering, manufacturing, construction, service, and related technologies.

Are you mechanically inclined, practical, like to use your hands and build things, and like to know how things work? This may be the career path for you!

The following classes will help support the exploration and preparation for a career in Industrial and Engineering Technology:

PLTW Engineering courses	PLTW Computer Science courses	CNC
Building Trades @ SFCTC	Automotive Svc Tech @ SFCTC	DE
Welding @ SFCTC	Electrical & Power @ SFCTC	Business Technology
Material Processing	Precision Machining @ SFCTC	Speech
Upper level math courses	Drafting & Design Technology	Psychology
Engineering Apprenticeship	Robotics	Sociology
Physics	Accounting	

Occupations in this career path may include:

Aerospace Engineer	Industrial Machinery Repair	Electrician
Chemical Engineer	Line Installer/Cable Splicer	Engineering Technician
Civil Engineer	Musical Equipment Repair	Forklift Operator
Electrical Engineer	Robotics Technician	Glazier
Industrial Engineer	Small Engine Repair	Highway Maint. Worker
Mechanical Engineer	TV & Radio Repair	Insulation Worker
Nuclear Engineer	Vending Machine Services	Painter & Paperhanger
Petroleum Engineer	Boilermakers	Plasterer
Aircraft Mechanic	Machinist	Plumber & Pipefitters
Alarm System Installer	Tool & Die Maker	Roofer
Automotive Body Repair	Welder	Sheetmetal Worker
Automotive Mechanic	Printing Press Operator	Biomedical Technician
Bindery Worker	Computer Service Tech.	Pre Press Worker
Stationary Engineer	Diesel Mechanic	Bricklayer
Electronic Equip. Repair	Bulldozer Operator	Broadcast Technician
Farm Equip. Mechanic	Carpenter	Drafting
Heating/AC Repair	Home Appliance Repair	Engineering Technician
Drywall Worker	Carpet Installer	Surveyor
Electric Power Generating Operator	Water Treatment Plant Worker	

NATURAL RESOURCES

Occupations related to the environment and natural resources may include agriculture, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.

Are you a nature lover, practical, curious about the physical world, interested in plants and animals, like to be physically active? Do you like to observe, learn, investigate, or solve problems? This career path may be for you!

The following classes will help support the exploration and preparation for a career in Natural Resources:

Environmental Science
Zoology
Chemistry
Astronomy
Psychology
Law and You
Drafting & Design Technology
Speech
Upper level math courses

Earth Science
AP Biology
Physics
Current Events
Sociology
IED
Digital Arts & Photography
Accounting
Foreign Language (2 years)

Occupations in this career path may include:

Agricultural Scientist
Animal Caretaker
Biological Scientist
Forester & Conservationist
Veterinarian
Vet Laboratory Assistant
Chemist
Geologist & Geophysicist
Meteorologist
Horticulturist

Physicist & Astronomer
Agriculture Engineer
Coop. Extension Service
Farm Operator & Manager
Farm Worker
Fish & Game Warden
Gardener/Groundskeeper
Landscape Architect
Nursery Worker

Smith-Cotton Courses

ENGLISH (pages 23-24)

English I	1 unit
Honors English I	1 unit
English II	1 unit
Honors English II	1 unit
English III	1 unit
Honors English III	1 unit
English IV	1 unit
AP English Literature & Composition	1 unit
English Composition I	½ unit
English Composition II	½ unit
Speech	½ unit
Creative Writing	½ unit
Reading Fiction	½ unit
Writer's Journey	½ unit
Reading 101	½ unit
English as a Second Language I-IV	1 unit/s

SOCIAL STUDIES (pages 25-26)

World History	1 unit
American History	1 unit
American Government	½ unit
AP U.S. History	1 unit
National Government	½ unit
U.S. History to 1877	½ unit
World Civilization before 1500	½ unit
The Law and You	½ unit
Missouri History	½ unit
Current Events	½ unit
Economics	½ unit
Geography	½ unit
The Holocaust	½ unit
History of the Vietnam War	½ unit
History of the Civil War	½ unit

SCIENCE (pages 26-28)

Biology	1 unit
Physical Science	1 unit
AP Biology	1 unit
Chemistry I	1 unit
Chemistry II	1 unit
Physics	1 unit
Physics II	1 unit
Earth Science	1 unit
Environmental Science	1 unit
Zoology	1 unit
Human Physiology I	½ unit
Human Physiology II	½ unit
Forensic Science	1 unit
Astronomy	½ unit
Human Biology	½ unit
Laboratory Technician	1 unit

MATHEMATICS (pages 28-29)

Introduction to Algebra	1 unit
Algebra A	1 unit
Algebra B	1 unit
Algebra I	1 unit
Geometry	1 unit

MATHEMATICS continued

Geometry Concepts	1 unit
Real World Math	1 unit
Algebra II	1 unit
Algebra III	1 unit
Honors Algebra II	1 unit
Statistics	½ unit
Pre-Calculus	1 unit
Contemporary Math	½ unit
College Algebra	½ unit
College Trigonometry	½ unit
Calculus	1 unit
AP Calculus	1 unit

FINE ARTS

DRAMA (page 30)

Theatre I	½ unit
Theatre II	½ unit
Technical Theatre	1 unit
Acting	1 unit
Film Appreciation	1 unit
Repertory Theatre	1 unit
Competitive Speech and Debate	1 unit

ART (page 31)

Art	1 unit
Fundamentals of Drawing	1 unit
Creative Painting	1 unit
Pottery and Sculpture	1 unit
Advanced Pottery and Sculpture	1 unit
Commercial Art and Design	1 unit
Portfolio Development	1 unit
Digital Arts and Photography	1 unit
Advanced Digital Arts and Photography	1 unit

MUSIC (pages 32-33)

Mixed Chorus	1 unit
Broadway Velocity	1 unit
A Cappella Choir	1 unit
Cabaret	1 unit
New Score	1 unit
Band	1 unit
Orchestra	1 unit
Instrumental Techniques	1 unit
Jazz Ensemble	1 unit
Music Appreciation	½ unit
AP Music Theory	1 unit

PRACTICAL ARTS

ENGINEERING & COMPUTER SCIENCE (pages 33-35)

Introduction to Engineering and Design	1 unit
Drafting & Design Technology	½ unit
Material Processing	½ unit
Principles of Engineering	1 unit
Digital Electronics	1 unit
Civil Engineering and Architecture	1 unit
Engineering Design and Development	1 unit
Robotics	1 unit
CNC Manufacturing and Machining	1 unit
Introduction to Computer Science	½ unit
AP Computer Science Principles	1 unit
Engineering Apprenticeship	1 unit

VOC. FAMILY & CONSUMER SCIENCE (pages 35-36)	
Career & Family Leadership	½ unit
Nutrition & Wellness	½ unit
Creative Foods I	½ unit
Creative Foods II	½ unit
Interpersonal Relationships	½ unit
Apparel, Textiles & Fashion	½ unit
Adv. Apparel, Textiles & Fashion	½ unit
Child Development	½ unit
Housing Environments & Design	½ unit
Parenting	½ unit
ProSTART I	1 unit
Career Pathways for the Teaching Prof.	1 unit
Practicum in the Teaching Pathway	1 unit
FCCLA Leadership	½ unit

BUSINESS/MARKETING ED. (pages 36-38)

Introduction to Business	½ unit
Personal Finance	½ unit
Accounting I	1 unit
Accounting II	1 unit
Accounting III	1 unit
Business Technology I	½ unit
Business Technology II	½ unit
Computer Graphics	½ unit
Desktop Publishing	½ unit
MultiMedia	½ unit
Tiger Pride Productions	½ unit
Web Page Design	½ unit
Marketing	½ unit
Advanced Marketing	½ unit
Advertising & Public Relations	½ unit
Entrepreneurship	½ unit
Sports & Entertainment Marketing	½ unit
Business Leadership	½ unit

PHYSICAL EDUCATION (pages 39)

Personal Fitness	½ unit
Athletic Conditioning	1 unit
Lifetime Sports	½ unit
Health	½ unit

FOREIGN LANGUAGE (page 39)

Spanish I, II, III, IV	1 unit/s
German I, II, III, IV	1 unit/s
French I, II, III, IV	1 unit/s
Spanish History & Literature	1 unit

ADDITIONAL ELECTIVES (pages 40-42)

Collegiate Athletic Preparation	½ unit
Public Speaking	½ unit
Yearbook	1 unit
Introduction to Journalism	½ unit
Practical Journalism	½ unit
Smith-Cotton Media	1 unit
Library Media Skills	½ unit
JROTC	1 unit/s
ACT Preparation	½ unit
Tiger Tutors	½ unit
Work Study	½ unit
Psychology	½ unit
Sign Language	½ unit
Sociology	½ unit
General Psychology	½ unit
General Sociology	½ unit
Career Development	1 unit

CAREER & TECHNICAL EDUCATION (page 42)

Automotive Service Technology	3 units
Building Trades	3 units
Health Occupations	3 units
Welding	3 units
Graphic Design	3 units
Precision Machining	3 units
Early Childhood Careers	3 units
Electric & Power	3 units
Criminal Justice	3 units
CTC Embedded Math	1 unit
CTC Embedded Language Arts	1 unit

GENERAL ENROLLMENT INFORMATION

GRADES AND GRADE POINT SYSTEM

Grade slips will be issued at the end of each 18 week semester. A progress report will be issued at mid-semester. It is the student's responsibility to present grade slips to parents. Semester grades are based on cumulative points in the following areas: tests, assigned work, class participation, and special assignments. Grades are based on the following percentages:

95-100%	A	4.00	80-82%	B-	2.67	67-69%	D+	1.34
90- 94%	A-	3.67	77-79%	C+	2.34	63-66%	D	1.00
87- 89%	B+	3.34	73-76%	C	2.00	60-62%	D-	0.67
83- 86%	B	3.00	70-72%	C-	1.67	0-59%	F	0.00

WEIGHTED CLASS INFORMATION

Weighted classes are given one (1) additional grade point to count towards a student's grade point average. Weighted courses offer a more rigorous curriculum to prepare students for post-secondary education.

Dual Credit and Advanced Placement classes that are **taught on the Smith-Cotton campus** will be weighted.

In addition to the Dual Credit and Advanced Placement classes, the following classes are weighted:

Chemistry II	Public Speaking
Physics II	Honors English IV
Human Physiology I & II	Level III & IV Foreign Languages
Zoology	Engineering Design & Development
Honors Algebra II	CNC Manufacturing and Machining
Pre-Calculus	Civil Engineering & Architecture
General Psychology	Accounting II
General Sociology	Accounting III

HONOR ROLL/ACADEMIC HONORS

Smith-Cotton High School grades are based on a 4.0 scale. Honor roll is based on semester grades and grade point average. Students who obtain a 3.0 up to 3.66 will be on the Honor Roll. Those with 3.67 or above will be on the Principal's Honor Roll. Students can receive an academic letter by earning a 3.34 or above for 3 semesters.

END OF COURSE/END OF HIGH SCHOOL ASSESSMENT PLAN

All Missouri high school students are required to take End of Course Exams following completion of these courses for graduation. **The following are the required tests for graduation:**

1. Algebra I End of Course Assessment—If students took Algebra I as an 8th grader, then the state requires they take Algebra II EOC for graduation.
2. English II End of Course Assessment
3. Biology End of Course Assessment
4. American Government End of Course Assessment
5. United States & Missouri Constitution Test—taken during high school
6. ACT test for all during the junior year

INDEPENDENT STUDY/CLASS BY ARRANGEMENT FOR GRADES 10-12

In this program a student may further his/her study independently under the supervision of the teacher. The school counseling department has more information for those interested students. This is determined on an individual basis.

SUMMER SCHOOL

Sedalia School District #200 may provide a summer school program for those students who have been unable to meet the basic requirements for graduation and for other students wishing additional course work. Students who have failed a required course should see a counselor and enroll for summer course work.

COMMUNITY SERVICE

Community service is designed for any student with the desire to spend time in documented, approved service to some agency or project with a community service orientation. Examples of this would be assisting in local service club projects, aiding city and state agencies, helping at hospitals and schools, etc. Eighty hours of documented service will equate to $\frac{1}{2}$ credit of elective credit. Up to two hours of elective credit may be counted toward graduation. Each student will maintain records of dates, times, and services rendered. Each entry will be signed off by the person(s) responsible for the supervision of the student. A brief checklist will also rate the success of the effort. The student will also compose a summary of the total experience and submit it along with the documentation in order to receive credit. **The service projects will be performed outside of regular school hours. This class is pass/fail. See your school counselor for more information.**

ADVANCED STUDIES

Several special programs are designed to meet the needs of academically talented students, providing intellectual challenge through curriculum, which are designed to improve competitive advantage for college admission or other advanced study and increase their scholarship opportunities. These programs are listed below:

**Advanced Placement (AP)
Courses for Dual Credit
Project Lead the Way (PLTW)
Articulated Credit**

Students and their parents should meet with a school counselor to investigate all opportunities and options available through the programs. Please be aware that acceptance of credit through these programs is determined by individual colleges. Students and parents will also find the following brief explanations of each program helpful.

ADVANCED PLACEMENT (AP)

The Advanced Placement Program is essentially a way for schools to provide their stronger students with courses of study appropriate to their abilities and interests, with reasonable assurance that these studies will not be repeated at college.

Smith-Cotton High School offers several AP courses to sophomores, juniors and seniors. All AP courses culminate in the comprehensive AP examination administered by the College Board, a non-profit organization that administers the program. Most colleges will accept successful completion of the exam for either advanced placement alone or for both dual credit and advanced placement. Up-to-date information concerning university recognition policies can be found at <http://www.collegeboard.com/student/testing/ap/about.html>. **Students are strongly encouraged to take the final AP examination and must receive a particular score to receive college credit. Please refer to college of choice or bring questions to the Smith-Cotton High School Counseling office. Examination fee is \$93.00.** Below is a list of all AP courses offered by our school:

**AP Biology
AP English Literature and Composition
AP Calculus
AP U.S. History
AP Foreign Languages Level IV (Spanish, French, & German)
AP Computer Science Principles (CSP)
AP Music Theory**

COURSES FOR DUAL CREDIT

All dual credit courses taken on Smith-Cotton High School campus are weighted. The Sedalia School District #200, State Fair Community College (SFCC) along with University of Central Missouri (UCM) have agreements whereby high school sophomores, juniors and seniors, with qualifying scores, may enroll in college courses and receive both high school and college credit. To be eligible, students must have a GPA of 3.0/4.0. **There MUST be a minimum of ten students in order for the class to actually be taught at Smith-Cotton High School.** Students may also enroll in day or evening dual credit classes offered on the SFCC campus with approval of their school counselor. Equating college hours to high school credit has been established as: 5 college hours = 1 unit of high school credit; 3 college hours = ½ unit of high school credit; 2 college hours = ½ unit of high school credit. To enroll or to obtain more specific details on “Dual Credit” and how it would fit into a daily school schedule, parents and students should contact a school counselor. Any dual credit class not taken “on level” or considered remedial will be awarded an elective credit.

The following is a list of Dual Credit courses that we may offer to our students. It will be acceptable for a student to be enrolled in a dual credit course without paying the fee for the college credit; upon successful completion of the course they will earn the weighted high school credit. Fees will only be collected at the beginning of the semester if college credit is desired.

Course	Requirements	Credit Hours
Public Speaking	3.0/4.0	3
English Composition I & II	ACT English score of 18/ACT Reading score of 18	3 each
U.S. History Before 1877	ACT English score of 18/ACT Reading score of 18	3
National Government & World Civilization	ACT Reading score of 18	3 each
General Psychology & General Sociology	ACT English score of 18/ACT Reading score of 18	3 each
Contemporary Math	ACT Math score of 20	3
College Algebra	ACT Math score of 22	3
College Trigonometry	ACT Math score of 22	2
Calculus	ACT Math score of 26	5
Human Biology	ACT English score of 18/ACT Reading score of 18	3
Music Appreciation	3.0/4.0	3

Tuition for these courses must be paid to the college. *Students may apply for a scholarship to assist with tuition made available by the Sedalia School District Foundation (SSDF). The SSDF awards a certain number of scholarships each year. It is strongly recommended that students take the ACT test before the beginning of the school year.*

Below is a listing of possible dual credit classes:

Public Speaking	English Composition I
National Government	English Composition II
U.S. History to 1877	General Psychology
World Civilization before 1500	General Sociology
Calculus	Introduction to Engineering Design
College Algebra	Principles of Engineering
College Trigonometry	Digital Electronics
Contemporary Math	Civil Engineering & Architecture
CNC Manufacturing & Machining	Music Appreciation
Human Biology	

PROJECT LEAD THE WAY (PLTW)

Project Lead the Way (PLTW) is a nationally recognized engineering curriculum being offered through the Sedalia School District. CAD Design and Engineering, Civil Engineering and Architecture (CEA), and Principles of Engineering are introductory engineering courses being offered at Smith-Cotton High School. Students can advance these studies through Digital Electronics, CNC Manufacturing & Machining, Engineering Design and Development. The second strand of PLTW is in Computer Science. This nationally recognized computer curriculum is offered through the class of AP Computer Science Principles. Other PLTW courses will follow this curriculum in the upcoming years. Ask your School Counselor about information regarding PLTW or go to www.pltw.org. **Dual credit can be awarded through SFCC, UCM, or Missouri S & T. See Project Lead the Way instructor for more information.**

ARTICULATED CREDIT

Articulation agreements are set up for certain career, technical or occupational courses that are offered through a post-secondary institution such as State Fair Community College. Articulated credit is earned by successfully completing a career, technical or occupational course with an 80% or higher. Enrollment for articulated credit must be made while the student is enrolled in the high school equivalent course. The college credit will appear on a college transcript once a student graduates high school and earns 15 hours of college credit through the post-secondary institution. There is no cost to the student for articulated credit. Smith-Cotton does offer some articulated credit through State Fair Community College.

SEDALIA FIT

The Sedalia FIT program's mission is to provide all 12th graders with a 40 hour internship opportunity before graduation. Business, Education and Civic leaders are building the first community-led "4 step career program" for high school students, which include an internship, prior to their entering a technical, associated or bachelor degree program. The FIT program consists of the following four steps: assessment, interview, placement and follow-up. Step one requires each student to complete a career assessment which helps determine their "Top 5" career choices. After the assessment is completed each student meets with a career consultant to review their choices and agree on an internship that FITS with their interests and talents. The career consultant will then access the Employer Internship Network (EIN) to match the student with one of the employers in the network. Upon completion, the student provides a written description of the impact that this internship has had on their career selection process. The business provides the intern with career input and advice based upon their experiences and their interactions.

A+ SCHOOLS PROGRAM

The A+ Schools Program strives to ensure that students are prepared for and successful in life beyond high school. The A+ Schools Program provides students with continuous, progressive career information throughout the students' years at Smith-Cotton. The program focuses on ensuring students have course offerings that are rigorous and relevant to the world outside the classroom that will better prepare them for their paths after high school.

An A+ Student must:

- Must be a US Citizen or permanent resident (See the A+ Coordinator with any questions).
- Sign a **Letter of Intent** to participate in the program prior to or during the last 3 years of high school.
- Attend an **A+ School** for six consecutive semesters prior to graduation (grades 10-12).
- Graduate with an **un-weighted** cumulative GPA of 2.5 or higher on a 4.0 scale. Graduate with at least a **95%** cumulative attendance record for grades 9-12.
- Perform **50 hours** of unpaid tutoring to other students in the district.
- Maintain a record of good citizenship and avoid the use of alcohol and unlawful drugs.
- Apply for **non-repayable federal tuition assistance** before requesting A+ Student Financial Incentive Assistance by filling out the Free Application for Federal Financial Aid (FAFSA).
- Students must score **proficient or advanced** on **ONE** of the following End of Course Exams: **Algebra I, Algebra II, or Geometry**.
- If a student takes the Algebra I End of Course Exam as an 8th grader and passes with a proficient or advanced, then they have satisfied this requirement.

HOW DO YOU BECOME AN A+ STUDENT?

It is easy to become part of the A+ Schools Program. Simply read the citizen guidelines and complete the agreement. It is recommended that students sign up early in their high school careers. This allows students to complete the tutoring portion of the A+ requirements and receive college and career information from the A+ Coordinator. It also allows the coordinator to monitor the students' GPA and attendance.

It is also recommended that students enroll in the A+ Schools Program even if they plan to attend a four-year college or enter the workforce rather than attend college. This program is an opportunity for students to access additional education after high school; it does not obligate them to use the A+ tuition reimbursement. The A+ benefits are available to all A+ graduates up to four years after high school graduation.

WHAT ARE THE BENEFITS OF BEING AN A+ STUDENT?

- A student graduating with A+ status may be eligible for two years of tuition grants to attend any accredited public Missouri community college or vocational/technical school as a full-time student. Tuition benefits may cover tuition and general fees.
- The tuition grants may be available to the A+ student up to four years after high school graduation.

Parental income is not criteria for A+ student incentive reimbursement.

The rules and reimbursement for the A+ Schools Program are determined by the State Legislature. They may change at any time.

*For additional information about the A+ Schools Program
contact the A+ Coordinator.*

UPWARD BOUND--State Fair Community College

The SFCC Upward Bound program is a partnership between Sedalia School District #200 and State Fair Community College. Upward Bound is a federally funded college academic enrichment opportunity targeting first-generation high school students. Housed at Smith-Cotton High School, the program motivates participants to develop the skills necessary to complete high school and successfully pursue a four-year college degree.

Throughout the academic year, participants receive individual peer-led tutoring, academic performance stipends, college campus visits, fine arts enrichment activities, cultural field trips, a financial aid seminar, leadership training, and ACT preparation instruction. During the summer, participants take part in a 6-week college immersion experience where students live in the SFCC residence hall and take college prep classes on the college campus.

Upward Bound provides services to 50+ students attending Smith-Cotton High School. There is no cost to the participant or to the family. To qualify, applicants must meet one of the following criteria: be a first-generation college student (cannot reside with a natural/adoptive parent who has a bachelor's degree) -or- must meet a federally regulated income guideline set annually by the federal government. For more information visit the Upward Bound Office or the State Fair Community College website.

Missouri State High School Activities Association Eligibility (MSHSAA)

Due to MSHSAA GUIDELINES, students participating in extra-curricular and co-curricular activities must pass 80% of coursework. This means that students must earn 3.0 credits per semester if enrolled only at S-CHS to be eligible. Student MSHSAA eligibility is determined by the preceding semester.

National Collegiate Athletic Association (NCAA)

Before a student is eligible to participate in college athletics at the NCAA Division I or Division II level, the NCAA Clearinghouse must certify the student. Part of that certification process includes making sure that the student has successfully taken the required number of core courses. The required number of core courses is listed below. For further requirements to be deemed eligible, contact the School Office.

CORE UNITS REQUIRED FOR NCAA CERTIFICATION

	<u><i>Division I</i></u>	<u><i>Division II</i></u>
<i>English core</i>	4 years	3 years
<i>Mathematics core</i>	3 years	2 years
<i>Science core</i>	2 years	2 years
<i>Social Studies Core</i>	2 years	2 years
<i>From English, Math, or Science</i>	1 year	3 years
<i>Additional Core (English, Math, Science, Social Studies, Foreign Language, Computer Science)</i>	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

Be sure to look at your high school's list of NCAA-approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The web site is www.eligibilitycenter.org.

National Association of Intercollegiate Athletics (NAIA)

All college freshman students must be a graduate of an accredited high school. An entering freshman student must meet two of the three entry level requirements: a minimum score of 18 on the ACT or 860 on the SAT, an overall high school grade point average of 2.000 or higher on a 4.000 scale, and graduate in the upper half of the student's high school graduating class. Please visit www.playnaia.org for more information.

MAKE HIGH SCHOOL COUNT

It's not too soon to start thinking about your future! If you are considering attending school (four-year college/university, career/technical school, or two-year college) after high school, you may find it helpful to do the following:

- Make a list of the schools that interest you during the 9th and 10th grade year.
- During the 10th and 11th grade year, gather information from each school and study it.
- Register to take the ACT or SAT Assessment before December of your senior year (spring of your junior year is highly recommended).
- Visit the campus of each school you are seriously considering at the end of 11th grade or beginning of 12th grade.
- Make some decisions first semester of 12th grade year and submit applications to the top choices.
- Apply early for housing.
- Apply early for financial assistance. Pay attention to deadlines listed in the financial aid information you receive from your counselor and the schools you are interested in attending.
- Find out about local, state, federal and private student financial assistance programs.
- Make your decision. Take time to review all information carefully and weigh your options.

If you are considering serving in the Armed Forces after high school, you might find it helpful to do the following:

- Visit with friends, neighbors, and relatives who have served in various branches of the Armed Forces.
- Study military literature available in the library or counseling office.
- Evaluate any physical limitations that might prevent you from serving in the Armed Forces.
- Compare military training opportunities with possible civilian occupations.
- Arrange with your counselor to visit with various military recruiters during your junior and senior years of high school. When meeting with recruiters, listen very carefully, ask tons of questions, and ask to see it in writing.
- Compare benefits, tours of duty, training, and promotion opportunities of military programs.

If you are considering direct employment after high school, you might find it helpful to:

- Explore your special abilities and interests with your school counselor.
- Collect and study materials about writing resumes and letters of application.
- Consider whether you want to move away from your home region after high school.
- Visit with individuals working in various occupations that may be of interest to you. Become familiar with major employers in the areas where you are interest in working.

“Mapping Your Future” website, <http://www.mapping-your-future.org>, accessed November, 2016.

CHANGING SCHEDULES

The **MASTER SCHEDULE** is planned to provide students with all courses they request except for possible course conflicts. While accommodating the greatest number of students, some conflicts may occur. **At this point, alternate courses are substituted for the conflicting course.** When enrolling, all students should choose four alternate courses in case some of the electives they choose are not available.

Courses are listed with a brief description, grade level, units of credit, and prerequisite requirements. Descriptions also offer information regarding course fees and whether courses are weighted. Students are encouraged to confer with both parents and counseling staff or teachers for further information and advice on course selection.

Students are encouraged to work out a six (6) year plan of studies with parents and counselors. This enables students to acquire a better balanced high school education and allows them to receive all courses desired during high school.

CHANGING SCHEDULES after the master schedule is completed results in too many unbalanced classes. If a student has enrolled with the advice of his or her parents, teachers, and counselor, changes are usually unnecessary. Changes may be made during the first week of the semester due to a student failing a class after enrollment or other circumstances. See your counselor for this information. It is the student's responsibility to complete the enrollment form accurately. If a student has a question during pre-enrollment, that is the time to ask for clarification.

Students need to contact the following counselors regarding schedule changes:

Class of 2018	Pam Crafton	craftonp@sedalia200.org
Class of 2019	Carmen Brock	brockc@sedalia200.org
Class of 2020	Katie Ellis	ellisk@sedalia200.org
Class of 2021	Ashley Burris	burrisa@sedalia200.org

COURSE DESCRIPTIONS by DEPARTMENTS

ENGLISH DEPARTMENT

ENGLISH I: One (1) credit – 9th grade. In this course, students will study vocabulary, grammar, usage, mechanics, punctuation, sentence development/structure, sentence combining, note-taking, and the writing process. Students will use graphic organizers for a variety of purposes. Students will be introduced to documenting sources on a works cited page using MLA format. The study of literature will include short stories, poetry, epic, drama, and a novel.

HONORS ENGLISH I: One (1) credit – 9th grade. Prerequisite: B or higher in 8th grade English or teacher recommendation. Students will complete a more rigorous study of vocabulary, grammar, usage, punctuation, sentence development, sentence structure, sentence combining, literature, note-taking, and the writing process. The writing process will include writing a literary analysis and an argumentative essay. Students will be introduced to documenting sources on a works cited page using MLA format. The study of literature will include short stories, nonfiction, poetry, epic, drama, and a novel.

ENGLISH II: One (1) credit– 10th grade. In this course, students will study vocabulary, grammar, usage, the writing process, note-taking, research skills, and literary analysis. Students will be expected to use prewriting techniques, write rough drafts, revise, edit, and document sources. Emphasis will be placed on clear, concise, organized communication in the development of argumentative, expository, and narrative writing. The study of literature will include short stories, poetry, nonfiction, drama, and a novel. **An End of Course exam is required at the completion of this course for graduation.**

HONORS ENGLISH II: One (1) credit – 10th grade. Prerequisite: B or higher in 9th grade English or teacher recommendation. Students will complete a rigorous study of vocabulary, grammar, usage, punctuation, writing process, note-taking, research skills, and literature. Students will be expected to use prewriting techniques, write rough drafts, revise, edit, and document sources. Students will follow MLA format and use parenthetical documentation in the research process. Students will write a literary analysis. The writing process will also include the development of argumentative, expository, and narrative writing. The study of literature will include short stories, poetry, nonfiction, drama, and a novel. **An End of Course exam is required at the completion of this course for graduation.**

ENGLISH III: One (1) credit – 11th grade. Emphasis in this course will be on sentence structure, practical writing, punctuation, organizational methods, essays, editing and revising, and vocabulary building. The study of American literature will include essays, poems, short stories, dramas, and novels. The students are also responsible for a research paper and an argumentative essay.

HONORS ENGLISH III: One (1) credit – 11th grade. Prerequisite: B or higher in 10th grade English or teacher recommendation. Emphasis in this course will be a thorough and rigorous study of grammar, composition, critical and literary analysis, research paper preparation, and vocabulary building. The study of American literature will include essays, poems, short stories, dramas, and novels. This course of study is designed to assist students in adjusting to college instruction by promoting self-initiating skills in the areas of note taking, studying for various types of examinations, problem solving, and composition forms, which include descriptive, expository, persuasive, and narrative writing, critiques and essay exams.

ENGLISH IV: One (1) credit – 12th grade. Emphasis in this course will be on sentence structure, practical writing, punctuation, organizational methods, essays, editing and revising, and vocabulary building. The study of literature will include poetry, novels, nonfiction, and short stories.

HONORS ENGLISH IV: One (1) credit – 12th grade. This class is WEIGHTED. Prerequisite: B or higher in 11th grade English or teacher recommendation. Emphasis in this course of study will be a thorough and rigorous study of grammar, composition, critical and literary analysis, argumentative writing, research paper preparation, and vocabulary building. British literature will be included in the required reading with novels, dramas, poems, non-fiction, short stories and other forms of literature providing a basis for reading and comprehension. This course of study is designed to assist students in adjusting to college instruction by promoting self-initiating skills in the areas of note taking, studying for various types of examinations, problem-solving, and composition forms which include expository, argumentative and narrative writing, critiques and essay exams.

ADVANCED PLACEMENT ENGLISH LITERATURE and COMPOSITION: One (1) credit - 12th grade. *This class is WEIGHTED.* This course is a college level class that offers highly motivated students the opportunity to earn college English credits while completing their senior year in high school. This course challenges students to read, analyze and write about a variety of high quality literary fiction with a mature and sophisticated style. While successfully participating in the Advanced Placement testing program is an obvious goal of this course, the curriculum also focuses on helping students develop as effective communicators who think deeply, analyze critically, effectively solve problems, and employ emerging technologies for research and writing as they prepare for a college career. **Prospective students will be given a recommended summer-reading list, and students choosing to take the Advanced Placement English Literature and Composition examination in May will pay a \$93.00 testing fee.**

ENGLISH COMPOSITION I (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grade. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course emphasizes planning, drafting and revising along with critical thinking and information management skills and their role in communicating concise written ideas to a range of audiences for a variety of purposes. Basic computer skills are essential for successful completion.**

ENGLISH COMPOSITION II (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grade. Prerequisite: ENGL 101 (English Composition I) with a grade of C or higher. *This dual credit class is WEIGHTED.*** This course combines the process writing techniques acquired in ENGL 101 with higher-order reasoning and advanced research skills to communicate ideas in meaningful and effective writing. Basic computer skills are essential for successful completion.**

SPEECH: One-half (1/2) credit – 10th, 11th & 12th grades. **Students will perform in-class assignments. This course is designed for students wishing to improve their speaking and listening skills. Course content will include, 1) Interpersonal Communication, 2) Listening Skills, and 3) Public Speaking.**

CREATIVE WRITING: One-half (1/2) credit – 11th & 12th grades. Prerequisite: A B average in English. This course of study emphasizes the development of writing skills. Students will demonstrate a mastery of self and peer editing skills, and develop a beginning knowledge of publication. Students will be expected to write four essays in different genres throughout the course of the semester. This course is designed to teach students the writing process along with reviewing grammar.

READING FICTION: One-half (1/2) credit – 11th & 12th grades. Prerequisite: A B average in English. In this course, students will engage the techniques and practices of reading and enjoying literature. Students will learn different ways to read and understand different texts to develop strategies for critical, theoretical, and rhetorical thinking.

WRITER'S JOURNEY/STORY: One-half (1/2) credit – 10th, 11th, & 12th grades. This course is designed to enable students to analyze the archetypical adventure/journey. Students will then write their own adventure story.

READING 101: One (1) credit – 9th, 10th, 11th, & 12th grades. This class is for students who need to improve their reading skills. Students will read a variety of texts, work on comprehension skills, and be regularly assessed on their progress. This class will count for an elective credit and enrollment will depend on teacher referral.

ENGLISH AS A SECOND LANGUAGE (ESL) – LEVELS I, II, III, IV: One (1) credit – 9th, 10th, 11th, & 12th grades. **Students in these courses are placed by English language ability. The courses support the learning of the English language.**

REWARDS TTR: One (1) credit per year – 9th, 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. This course is for students who need to increase their reading skills toward grade level. The focus will be on improving reading skills in a variety of areas including: word attack, vocabulary, fluency, sight word and comprehension. In an effort to measure progress in the course, periodic screenings will be administered to students enrolled in this course.

SOCIAL STUDIES DEPARTMENT

WORLD HISTORY: One (1) credit – 9th grade. This course will examine how the development of world history has impacted the development of United States history. Although the course will predominantly emphasize events that have occurred since 1450, some attention will be given to an understanding of the features of geography, the development of civilization, the rise of Christianity, the rise of Islam, the development of feudalism and the manor economy of the Middle Ages, the importance of the Magna Carta in relation to the U.S. Constitution, and the Renaissance of classical Greek and Roman learning. Some emphasis, though marginal, will also be given to the non-western world.

AMERICAN HISTORY: One (1) credit – 10th grade. This course is a survey of American history from the reconstruction of the Union after the Civil War to the present day. The course focuses on the following topics: Reconstruction, westward expansion, the industrialization of the United States, immigration in the 19th and early 20th century, the Progressive Era, World War I, the Roaring Twenties, the Great Depression, World War II, the Cold War, the Civil Rights Era, and the Vietnam War. The course focuses on social, political, and economic trends during the time examined.

AMERICAN GOVERNMENT: One-half (1/2) credit – 11th grade. This social studies course is designed to provide students with the knowledge necessary to be informed citizens in order to maintain our democracy. The following units of study will be included: the philosophical and historical foundations of the American political system, how the Framers created the Constitution, how the values and principals embodied in the Constitution shaped American institutions and practices, how the protections of the Bill of Rights developed and expanded, governmental systems, and facts and requirements for elected representatives. Students will be taught and tested over the United States Constitution and the Missouri State Constitution. **Passing both constitution tests is a requirement for high school graduation. An End of Course exam is required at the completion of this course for graduation.**

ADVANCED PLACEMENT U.S. HISTORY: One (1) credit – 11th & 12th grades. *This class is WEIGHTED.* This challenging course is designed on the college level and will emphasize analytical interpretation of history. It is a two semester survey course of American History from the age of exploration to the present. Students will be expected to devote considerable time to homework and study. **There will be a significant amount of reading and writing throughout the course.** Critical analysis and evaluative thinking skills, essay writing, and interpretation of original documents are an essential component to success in this class. In order to properly prepare students for the AP exam in May there is an emphasis on historical essay writing. Students will write a series of free-response essays and will also learn how to tackle the document based question (DBQ). A great deal of class time will be spent on essay deconstruction in order that all students improve their writing skills. **Students choosing to take the Advanced Placement U.S. History examination in May will pay a \$93.00 testing fee.**

NATIONAL GOVERNMENT (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course is a survey of American governmental and political systems. The class will explore this government's origins, the nature of American politics, the branches of government, and the creation and maintenance of the rights of American citizens. Students will receive an overview and be tested over the Missouri State Constitution, which will meet requirements set forth in the language of the Missouri Senate Bill #4.**

U.S. HISTORY to 1877 (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This is a survey course designed to explore major themes of American history from the time of initial exploration of the North American continent to the reconstruction of the United States after the Civil War. This class will study the colonization of America, the nature of political and social movements in colonial America, the impact of the Revolution, the rise of industry, the Jacksonian Era, the expansion of the United States, the sectional crisis between North and South, the causes of the Civil War, the Civil War itself in social context, and the closure of the rift between the defeated Confederacy and the United States. A special focus will be on economic, social, cultural and intellectual themes.**

WORLD CIVILIZATION BEFORE 1500 (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). **It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course will survey the political, social, military, cultural, and religious history of Europe, Asia and Africa from early human societies to 1500.**

The LAW AND YOU: One-half (1/2) credit – 10th, 11th & 12th grades. The Law and You is a semester course allowing students to study the criminal and civil justice systems. Students will study principles of Constitutional Democracy as it relates to historical and contemporary issues and determine the civic responsibilities of individual citizens as well as how those responsibilities form our national fabric. Emphasis will be placed on the rights and responsibilities of the individual in a democratic society. In this rigorous course, students will study case law and law precedent to help them understand our legal system. The students will participate in a mock murder trial under the guidance of the Pettis County Circuit Court system, allowing them to describe the structure of government and the purpose of laws. Finally, they will learn how laws and rules are made, enforced, changed and interpreted.

MISSOURI HISTORY: One-half (1/2) credit - 9th, 10th, 11th & 12th grades. This course presents the history and government of Missouri, its natural resources, its agricultural and industrial advantages, the importance of conservation, the institutions of the state, and the famous people of Missouri.

CURRENT EVENTS: One-half (1/2) credit – 9th, 10th, 11th, & 12th grades. This course is designed to develop attitudes which will enable students to evaluate and make informed judgments on events of the times. Students will be exposed to the various forms of news reporting and the mass media.

ECONOMICS: One-half (1/2) credit – 11th & 12th grades. This course is designed to introduce students to the fundamentals of economic theory. Students will gain a better understanding of how individuals and businesses make economic decisions. This course will provide an overview of the economy as a whole and help students understand international economics.

GEOGRAPHY: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This semester course will provide students with the necessary geography skills to be competent in our ever changing mobile society.

THE HOLOCAUST: One-half (1/2) credit – 11th & 12th grades. The Holocaust will be examined extensively from a historical and political perspective. It will examine the groups of individuals associated with the Holocaust and also look at the development and implementation of the Holocaust in terms of political, social, military, and economic factors. The study of the systematic genocide will also examine the question, "Can it happen again?"

HISTORY OF THE CIVIL WAR: One-half (1/2) credit- 10th, 11th, & 12th. The course would cover multiple aspects of this seminal event in American History. Early units would cover ante-bellum history, road to the Civil War, and the institution of slavery, as well as causes of the American Civil War. Wartime units would focus on geography, critical events in the war, international relations during the war, life of soldiers and life on the home front as well as the lessons on northern and southern economies during the war. Closing segments would focus on the end of the war, the effect on veterans, the American government, and southern culture and the process of Reconstruction.

HISTORY OF THE VIETNAM WAR: One-half (1/2) credit- 11th & 12th. This course would cover the strategic initiatives resulting in U.S. involvement in Vietnam. It would also explore Vietnamese culture from the perspective of its history of struggle. It would pay particular attention to the individuals/institutions contributing to the conflict with America, and it would examine the social situation leading to loss of support for the war in America. The course would be a mixture of military, diplomatic, and social concerns regarding the war.

SCIENCE DEPARTMENT

BIOLOGY: One (1) credit – 9th, 10th, 11th & 12th grades. This course consists of a general study and laboratory exercise designed to aid the individual in understanding himself and the world in which he lives. Topics covered include a survey of the plant and animal kingdoms as to their classification, structure, and functions; an introduction into the study of ecology and how it relates to the world we live in; a look into life of the past; an introduction into genetics and heredity and a general understanding of the functioning of the human body. **An End of Course exam is required at the completion of this course for graduation.**

PHYSICAL SCIENCE: One (1) credit – 9th, 10th, 11th, & 12th grades. This course emphasizes basic concepts and logical reasoning in chemistry and physics as applied to everyday events. Contents include properties and principles of matter and energy and force and motion. Practical implications of all topics are stressed along with skills in scientific method.

ADVANCED PLACEMENT BIOLOGY: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Biology & Chemistry. This class is **WEIGHTED.** This course is a college level class that offers highly motivated students the opportunity to earn college Biology credits. The major units of study for this course are: chemistry, cells, cellular energetics, genetics, biotechnology, evolution, biodiversity, and ecology. Laboratory work and writing are involved. **Students choosing to take the Advanced Placement Biology examination will pay a \$93.00 testing fee.**

CHEMISTRY I: One (1) credit – 10th, 11th & 12th grades. Prerequisite: B average in Algebra I or teacher approval. This course is a study of the basic principles underlying the structure of matter and the changes it may undergo. Materials are presented through class discussions, problem solving, and laboratory investigations. Among the topics included are atomic structure, chemical bonding, formula and equation writing, physical states of matter, and the properties of chemical compounds.

CHEMISTRY II: One (1) credit – 11th & 12th grades. Prerequisite: Must pass Chemistry I and Algebra II. This class is WEIGHTED. Chemistry II is a course to solidify the knowledge of those planning on math or science as careers. The course is divided into two areas: 1) 1st semester: review of Chemistry I, Equilibrium, solubility, advanced atomic theory, the chemistry of legends, advanced analytical techniques; 2) 2nd semester: organic chemistry and laboratory procedures, and biochemistry and molecular biology applications.

PHYSICS I: One (1) credit – 10th, 11th & 12th grades. Prerequisite: B average in Algebra I and enrolled in or passed Algebra II, or teacher approval. Physics I is an introductory course in the laws and concepts that govern the universe. Topics include laws of motion, laws of momentum, vector displacement, universal gravitation and astronomy, thermodynamics, physical states of matter and experimental physics.

PHYSICS II: One (1) credit – 11th & 12th grades. Prerequisite: Physics I and Algebra II. This class is WEIGHTED. Physics II is recommended for the student expecting to enter a rigorous math/science curriculum at the post-secondary level. This course includes a review of concepts in Physics I, dimensional analysis, lenses and lasers, hydraulic and buoyancy, quantum physics and nuclear physics.

EARTH SCIENCE: One (1) credit – 10th, 11th & 12th grades. Earth Science involves an exploration of geological aspects of minerals/rocks, weathering/erosion, and land form development. The course includes comprehensive examination of weather phenomena, weather forecasting, and causes/effects of various weather systems. Oceanography will be explored in context to physical systems and human exploration. The astronomy of the solar system and nearby galaxies will be included. Appropriate experiments and data gathering techniques will be incorporated throughout the course.

ENVIRONMENTAL SCIENCE: One (1) credit – 10th, 11th & 12th grades. This is an interdisciplinary course combining chemistry, biology and earth science. It also requires an understanding of government policy, economics, geography and human perceptions related to the environment. Topics include: earth processes, energy systems, agricultural systems, pollution causes and mitigation, natural resource management, and the effects of global climate change. The ability to comprehend complex interactions of physical, chemical, biological and economic systems is essential.

ZOOLOGY: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Biology. This class is WEIGHTED. This course will introduce the student to the world of animals and how animals are “put together.” We will discuss classification, relationships, interrelationships, and organization of organisms from unicellular protists to multi-cellular mammals. Emphasis will be placed on their niche in their ecosystem, and their evolutionary scheme of development. The effects of animals on man, and man’s effect on other animals and their environment will also be discussed.

HUMAN PHYSIOLOGY I: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Biology. This class is WEIGHTED. This course is a study of the structure and function of the human body. It includes a study of basic activities of cells, tissues, organs, and a general survey of major systems of the body such as the digestive, respiratory, circulatory and reproductive systems. This course should provide a special understanding of body functions and provide a sound background in all health related occupations. Materials are presented through lecture, lab, and audio-visual programs.

HUMAN PHYSIOLOGY II: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Human Physiology I. This class is WEIGHTED. This course will include a continuation of the study of body systems using lecture, lab, and audio-visual programs.

FORENSIC SCIENCE: One credit – 11th & 12th grades. Prerequisite: B average in Biology and in at least one additional science course (Advanced Placement Biology, Chemistry, Human Physiology, Physics, or Zoology) or teacher recommendation. This course is designed to serve as an upper-level science course and to provide students with the opportunity to explore how scientific principles are used in analyzing physical evidence found in crime scenes. Students will be introduced to the wide array of career choices in Forensics. The fundamental objective is to teach the basic processes and principles of scientific thinking in order to apply them to solve problems that are related not only to science, but to all disciplines. The focus will be to familiarize students to some of the specialized fields of Forensic Science, the principles of science and technology upon which they are based, and the application of these principles to various analyses of crime scene evidence.

ASTRONOMY: One-half (1/2) Credit – 10th, 11th & 12th grades. Prerequisite: Earth Science. Study of the solar system, galaxy, and universe in which we live. Areas of study will include history of astronomy; planetary astronomy and how interstellar spacecraft are obtaining information about other bodies in our solar system; stellar evolution; types of galaxies; cosmology and big bang theory; large-scale structure of the universe and the possibilities of extraterrestrial life. Students will be expected to complete independent night sessions of astronomical viewing. Reading and writing intensive.

LABORATORY TECHNICIAN: One-half (1/2) credit – 11th & 12th grades. Prerequisite: B average in Biology and teacher approval. This course is designed to serve as an inquiry-based, self-guided science course. Students will set up experiments, demonstrate procedures, prepare test samples, maintain equipment, and keep up to date with relevant scientific and technical developments. This course would be a great addition for any student interested in the science field.

HUMAN BIOLOGY: (DUAL CREDIT): One-half (1/2) credit - 11th & 12th grades. Prerequisite: College Placement Test (ACT) and a B in Biology. It is strongly recommended that students take these tests before the beginning of the following school year. This dual credit class is WEIGHTED. This semester course is designed for the student, who has an interest in human biology, but has no or a limited background in science. We will discuss human development, behavior and health from the perspective of physiology and genetics. Applications of basic biological concepts to situations that are relevant or will become relevant to you will be discussed. You will also be guided through the process of scientific inquiry including the scientific method and critical thinking.

MATHEMATICS DEPARTMENT

INTRODUCTION TO ALGEBRA: One (1) credit – 9th grade. Prerequisite: Teacher Recommendation. Introduction to Algebra is designed to prepare students for Algebra A. This computer-based course provides background knowledge in fractions, area and perimeter, solutions of linear equations, proportions, graphs, and linear inequalities. Students will develop a familiarity of mathematical vocabulary.

ALGEBRA I A: One (1) credit – 9th & 10th grades. Algebra A is the first in a two-part series of courses which teaches Algebra I in two years. This course provides a review of fractions, measurement, area and perimeter, in addition to exploration of expressions and rational numbers, solutions of linear equations, proportions, graphs, and linear inequalities.

ALGEBRA I B: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Algebra I A. Algebra B is the second in a two-part equations and inequalities series of courses which teaches Algebra I in two years. Units covered include systems of polynomials and their factors, rational expressions, graphing of functions, and irrational numbers and quadratic equations. **An End of Course exam is required at the completion of this course for graduation.**

REAL WORLD MATH: One (1) credit – 11th & 12th grade. Prerequisite: Introduction to Algebra or Algebra IA. First semester topics will cover consumer math topics. Second semester topics will include applied math topics (agriculture, building trades, health occupations, etc.) and an EOC Algebra I Review. **Algebra I End of Course exam is required at the completion of this course for graduation.**

ALGEBRA I: One (1) credit – 8th, 9th, 10th, 11th, & 12th grades. This is a course in which students learn to state everyday problems in clear algebraic language and to solve them by algebraic procedures. Students learn basic algebraic notation, terminology and concepts which lead to solving linear and quadratic equations, systems of equations and graphing linear equations. Basic geometry concepts are reviewed with emphasis on perimeter, area, and volume. Students relate and apply algebraic concepts to statistics, probability, and real life problems. **An End of Course exam is required at the completion of this course for graduation. *8th graders must have an A or B for both semesters to receive high school credit, and are also required to take the Algebra II EOC for graduation.**

ALGEBRA II: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Algebra I and Geometry. This course continues the development of many topics studied in Algebra I and Geometry such as linear equations and inequalities; linear systems and matrices; quadratic, radical and rational functions; rational exponents; complex numbers; and quadratic relations and conic sections. Additional topics will include exponential and logarithmic functions; counting methods, probability, and data analysis; sequences and series; and an introduction to trigonometry. **If students took Algebra I as an 8th grader, then the state requires that students take Algebra II EOC for graduation.**

ALGEBRA III: One (1) credit – 11th & 12th grades. Prerequisite: Geometry and Algebra II. This course is designed for students who want or need more instruction in the area of algebra. This course will take many of the topics covered in the Pre-Calculus course at a slower pace. It will cover the topics of exponents and radicals, polynomials, factoring, solving equations & inequalities, exponentials & logarithms, systems of equations, basic trigonometry, matrices, and probability. This course will also include preparation for the ACT. Students must have successfully completed two semesters of Algebra II to enroll in this course.

HONORS ALGEBRA II: One (1) credit – 10th grade. Prerequisite: Algebra I and Geometry. This class is WEIGHTED. This course is designed for 10th grade students who have successfully completed Algebra I and Geometry. Students will develop methods for approaching and discuss algorithms involving linear equations and inequalities (both 2 and 3 dimensional); linear systems and matrices; quadratic, radical and rational functions; rational exponents; complex numbers; and quadratic relations and conic sections. Additional topics will include polynomial functions; exponential and logarithmic functions; counting methods, probability, and data analysis; sequences and series; and an introduction to trigonometry. Students will move at a challenging pace and investigate these topics at a deeper level than a regular Algebra II class. Students should be prepared to discuss and explain material in formal written and oral format. This class will require outside research as well as disciplined dedication to independent practice. **If students took Algebra I as an 8th grader, then the state requires they take Algebra II EOC for graduation.**

GEOMETRY CONCEPTS: One (1) credit – 11th & 12th grades. This course teaches mathematical concepts from a technical perspective. It covers geometric applications along with real world models. Equipment needed is a compass, ruler and protractor.

GEOMETRY: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Algebra I. This course is designed for students who have successfully completed two semesters of Algebra I. The students will study the Euclidean concepts of geometric figures, learn basic constructions, and study the different types of reasoning skills including proofs. Area and volume of common figures and practical applications will be incorporated. At the 9th grade level, students will be able to choose between a traditional classroom environment and a flipped classroom environment, which offers a more technological, student-driven learning environment.

STATISTICS: One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II. This one semester course is designed for students pursuing post-high school studies including technical, associate's and/or bachelor's programs. The course will include elementary topics in descriptive statistics and key concepts in probability, estimation, measures of central tendency, interpreting and constructing graphs, and statistical decisions. Technology will be used extensively.

PRE-CALCULUS: One (1) credit – 11th & 12th grades. Prerequisite: Algebra II & Geometry. This class is WEIGHTED. This course includes logarithmic, algebraic, geometric, and trigonometric concepts: sequences and series, matrices, solving and graphing polynomial equations and functions. Further work will be done with absolute value, inequalities, and coordinate geometry. Students must have successfully completed two semesters of Algebra II to enroll in this course. Enrollment in Calculus will require successful completion of both semesters of Pre-Calculus.

CONTEMPORARY MATHEMATICS (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II and College Placement Test (ACT). This dual credit class is WEIGHTED. Mathematical concepts with historical perspectives from various branches of mathematics including an introduction to set theory, logic, number theory, statistics, probabilities, and geometry.

COLLEGE ALGEBRA (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: College Placement Test (ACT). Pre-Calculus is recommended. This dual credit class is WEIGHTED. This course will include properties of functions and their graphs, variation, solving polynomial equations, the fundamental theorem of algebra, properties of logarithms, logarithmic and exponential equations, exponential growth and decay, linear systems in more than two variable, matrices and determinants.

COLLEGE TRIGONOMETRY (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: Algebra II or College Algebra and College Placement Test (ACT). This dual credit class is WEIGHTED. Topics include radius vector, right triangle and unit circle definitions of trigonometric functions, trig identities, graphs, inverse trigonometric functions, trigonometric equations, DeMoivre's Theorem, and conics.

CALCULUS (DUAL CREDIT): One (1) credit - 11th & 12th grades. Prerequisite: Pre-Calculus and College Placement Test (ACT). This dual credit class is WEIGHTED. This course is intended to develop an understanding of the basic concepts of plane analytic geometry, the limit process, continuity of functions, differentiation, integration, and areas under and between curves. It also provides an introduction to various applications of the calculus. These include the use of first and second derivatives and aids in graphing functions, extreme problems, approximation of areas of plane regions, and selected applications of the calculus in the areas of business, economics and physical sciences.

ADVANCED PLACEMENT CALCULUS: One (1) credit – 11th & 12th grades. Prerequisite: Pre-Calculus. *This class is WEIGHTED.* In this course you will work with functions represented graphically, numerically, analytically and verbally as you study limits, derivatives and integrals. Successful completion of this course will prepare you to take the AP Calculus AB exam. **Students choosing to take the Advanced Placement Calculus examination will pay a \$93.00 testing fee.**

FINE ARTS

Courses in the DRAMA, ART and MUSIC departments will satisfy the FINE ART requirement.

DRAMA DEPARTMENT

All students taking courses in the Drama Department will be required to attend Smith-Cotton drama productions performed for the public during the school year.

THEATRE I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This hands-on introductory course examines the major contributors to the theatrical event: the stage and backstage equipment, scene designer, the lighting designer, the director and the actor. Students will understand and appreciate the entire spectrum of drama, from the stage techniques of theatre, to the production itself. **Students will be required to participate in class performance.**

THEATRE II: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course will continue the student's exploration of the theatre. Students will study the areas of acting, directing, and playwriting in more depth than the Theatre I course. Students will participate in major acting and directing projects and do in-depth study on plays and playwrights. Students will also focus on the technical aspect of theatre. Students will understand the relationship actors and crew must have for the theatre to exist. The hands-on experience may include set, lights, sound, costume, make-up, hair, public relations, props, stage managing, and directing. This course is for students who wish to strive to dig deeper into the study of theatre. **Students will be required to participate in class performance.**

TECHNICAL THEATRE: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Theatre I. Technical Theatre is a class that revolves around building sets and costumes for productions. The skills that students use to complete these projects are very practical to real-life careers. Students will use tools to design and build sets, sew costumes that students will wear in performances, paint sets and props, find and create sounds, adjust and work with lighting, etc. for S-C Drama Department productions.

ACTING: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Theatre I. This course is designed to give students further experience and background in acting. Building upon acting skills formerly introduced in Introduction to Drama, it will include work in longer scenes, scenes from period plays and dialect study and will culminate in the creation of a character in a one-act play. **Students will be required to memorize a 2-minute monologue, lines for scenes and participate in class performances.**

FILM APPRECIATION: One (1) credit – 11th & 12th grades. This course is designed to introduce the student to the elements of cinematic art through analysis of key films including ones from the AFI top 100 films. Students will critically view film as a literary work with respect to authorship, setting, character, plot, theme, symbolism, and cultural significance. Students will participate in listening and speaking activities including class discussions, informal responses, formal presentations and projects. Students will read a variety of literary works, which may include novels, short stories, and writings dealing with film theory, filmmaking, and film review. A substantial written component of the course consists of informal personal responses, film reviews, and formal analytical essays. More than just a class for movie watching, this course is designed for those students who are serious about learning to listen, speak, read, and write better through the study of film. Due to the nature of the course, regular attendance is especially important to its successful completion.

REPERTORY THEATRE: One (1) credit – 11th & 12th grades. **Students will be required to participate in the Spring One-Act Festival. Prerequisite: Teacher approval and completion of Acting and Technical Theatre with a B- or better. This course offers students an opportunity to create fully realized theatre productions using skills previously learned in Acting and Technical Theatre. Students will also be able to explore an area of specialization and experience a collaborative process as they create productions. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this production, only students who are seriously interested in organizing a production should enroll.**

COMPETITIVE SPEECH AND DEBATE: One (1) credit – 9th, 10th, 11th & 12th grades. Students will be required to compete as a member of the SCHS Speech and Debate Team. In Competitive Speech, students will research, analyze, and prepare Interpretations, where scenes from plays, books, or other forms of literature are memorized and presented in their own unique way. Events could include Dramatic and Humorous Interpretation, Prose, Poetry, Original Oratory, Radio, Duet Acting, and Storytelling. In Competitive Debate, students will be assigned topics that they must defend and oppose. Students will research the issues introduced and craft arguments that support their side. Types of debate include Lincoln-Douglas and Public Forum Debate. This course is designed to complement the Speech and Debate program at SCHS that competes at tournaments throughout the state. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this team, only students who are seriously interested in performing and working on advanced research should seek this class.

ART DEPARTMENT

ART: One (1) credit – 9th, 10th, 11th & 12th grades. This course is a prerequisite for all advanced art classes. A textbook constitutes approximately one third of the course study. It incorporates art history, aesthetics, art criticism and studio production. It is designed to give students an exposure to the basic elements and principles of drawing, painting, and 3-dimensional studies using various media.

FUNDAMENTALS OF DRAWING: One (1) credit – 9th, 10th, 11th & 12th grades. A materials fee of \$25 per semester is required. This course continues the enrichment of art with sketch assignments done outside the class constituting one third of the course. First semester will serve as a basic introduction to graphite drawing techniques and materials. Second semester balances skill development with creative problem solving in the visual arts using various media. Drawings from this course can be used to develop a portfolio necessary for post-high school endeavors.

CREATIVE PAINTING: One (1) credit – 10th, 11th & 12th grades. A materials fee of \$25 per semester is required. This course develops a better understanding of the principle and elements in art, while developing independent techniques and style, using acrylics and watercolor. Original designs, still life's, and original photographs will encompass subjects for paintings. Art history will be included to enhance the particular area of painting being studied.

POTTERY AND SCULPTURE: One (1) credit – 10th, 11th & 12th grades. Prerequisite: any Art class. A materials fee of \$30 per semester is required. This course introduces students to a variety of methods, tools, and techniques used to create 3-D artwork. Studies include clay, wire, and plaster. Glaze and firing techniques will be studied to enhance understanding of this ancient art. This course also covers detailed studies of ceramics and sculpture and is geared toward the serious student.

ADVANCED POTTERY AND SCULPTURE: One (1) credit – 11th & 12th grades. Prerequisite: Pottery & Sculpture and teacher approval. A materials fee of \$30 per semester is required. This course is designed to accommodate students who have shown both talent and desire and wish to pursue detailed studies in Pottery & Sculpture. Students will be creating a portfolio of their work for college, the job market, or personal growth. The student will work independently with emphasis on solid technique, contest level of production, and display of work.

COMMERCIAL ART AND DESIGN: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Digital Arts & Photography and recommendation from an art teacher. A materials fee of \$25 per semester is required. This course will provide students to learn about, and how to use, the many tools, techniques, materials, and methods of producing commercial art and designs. Students will use computer programs, specialized tools, and manual techniques to create their art.

PORTFOLIO DEVELOPMENT: One (1) credit – 11th & 12th grades. Prerequisite: Students must have a B average in art and the instructor's approval. Work done outside the class constitutes one third of the course. A materials fee of \$35 per semester is required. A capstone experience for gifted visual arts students, this self-directed course is a convergent multi-media opportunity for students to explore their area of interest. It involves integrated studies, offers vocational and self-expressive growth potential, and is an avenue for competition resulting in personal and institutional recognition.

DIGITAL ARTS AND PHOTOGRAPHY: One (1) credit – 9th, 10th, 11th & 12th grades. A materials fee of \$25 per semester is required and a digital camera with 5 megapixel ability, storage card and download cable will need to be provided by the student. This course will introduce students to the world of digital photography and digital manipulation from a practical and artistic standpoint with experience and exposure to technology. Students will learn how to use the many techniques, tools and methods of producing digital photography. They will use point and shoot, cell phone, and Advanced Digital SLR cameras on a limited in class basis. Computer programs such as Adobe Photoshop, Microsoft Word, and Adobe Illustrator will be used to manipulate digital images.

ADVANCED DIGITAL ARTS AND PHOTOGRAPHY: One (1) credit – 11th & 12th grades. Prerequisite: Digital Arts & Photography. A materials fee of \$25 per semester is required and a digital camera with 5 megapixel ability, storage card and download cable will need to be provided by the student. This course will extend students understanding of digital photography and digital manipulation from a practical and artistic standpoint with experience and exposure to technology. Cross-curriculum cooperation can be developed with marketing, business, journalism, and yearbook classes. This class can develop skills for students interested in many career fields such as commercial art, professional photography, journalism, marketing, film making, commercials, and fine art.

MUSIC DEPARTMENT

MIXED CHORUS: One (1) credit – 9th, 10th, 11th & 12th grades. *Students are required to perform at all vocal concerts.* This is a general non-audition music course open to any student who would like to sing and learn about music. Students will learn about concert etiquette and will study a variety of musical eras and styles. The choir will perform at no less than 2 concerts during the year.

BROADWAY VELOCITY: One (1) credit – 9th grade. By audition only. *Students are required to perform at all events, concerts and contests scheduled by the director.* This course is designed for serious vocal students who intend to advance to upper level choirs during their high school careers. Students who have participated in show choir at the elementary and middle school level and who take private voice instruction are encouraged to audition for this choir. This choir will learn many styles of choral music with the intent of developing the singer's vocal strength, technique, intonation and note reading. Depending on the students enrolled, it is possible that this choir will learn actual show literature and choreography making it a "prep" for those intending to audition for New Score and Cabaret during their high school career.

A CAPPELLA CHOIR: One (1) credit – 9th, 10th, 11th & 12th grades. By audition only. *Students are required to perform at all vocal concerts and music contests.* This choir is open to serious vocal students who already have an understanding of music performance. Students will further develop ear training, sight-reading and note reading and will explore the works of many composers and will often sing unaccompanied works. This choir performs at various community and school functions outside of the school day. The number of students accepted into this choir will be determined according to balance of parts.

CABARET: One (1) credit – 10th, 11th & 12th grade females. By audition only. *Students will be required to participate in ALL choral performances, concerts, and contests throughout the year.* This choir will learn a variety of musical styles, including competition show music and contest music. Members of this group will learn vocals and choreography of a competition show and will travel to various competitions and community events throughout the school year. Members will be responsible for their costume and accessories. This choir will also learn and perform choral music at MSHSAA sanctioned music contest. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this choir, only students who are seriously interested in performing and working on advanced literature should audition. Members of Cabaret are strongly encouraged to enroll in another performing choir.

NEW SCORE: One (1) credit – 10th, 11th & 12th grades. By audition only. *Students will be required to participate in ALL choral performances, concerts, and contests throughout the year.* This mixed show choir will learn a variety of musical styles, including competition show music and contest music. Members of this group will learn vocals and choreography of a competition show and will travel to various competitions and community events throughout the school year. Members will be responsible for their costume and accessories. This choir will also learn and perform choral music at MSHSAA sanctioned music contest. Students must demonstrate and maintain good citizenship and good grades. As there are many extra hours required of this choir, only students who are seriously interested in performing and working on advanced literature should audition. Members of New Score are strongly encouraged to enroll in another performing choir.

BAND: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: 8th grade band or by audition. This course consists of marching band during 1st quarter, including some summer practices and evening rehearsals. This group performs at local parades, competitions, and football games. Around the end of the first quarter, the marching band will shift to concert band and focus on concert literature and techniques, and do so for the rest of the year. This ensemble performs at least three concerts, as well as District and State contests. If numbers allow, the band may split into two bands for the spring semester, but both will meet during the same block. *Any student wishing to enroll who did NOT play in 8th grade must audition for the director before enrolling.*****

ORCHESTRA: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: 8th grade strings or by audition. All performances and practices are required. An equipment fee of \$20 is required. This course is a study in string techniques and literature of the modern orchestra. The orchestra performs at local concerts, events and contests.

INSTRUMENTAL TECHNIQUES: One (1) credit – 9th, 10th, 11th, & 12th grades. Prerequisite: Students MUST be enrolled in band or orchestra. This course is an introduction to the study of various jazz styles, jazz theory and improvisation. Students will perform at concerts and area festivals.

JAZZ ENSEMBLE: One (1) credit – 9th, 10th, 11th & 12th grades. Prerequisite: By audition only and students MUST be enrolled in band or orchestra. All performances and practices are required. This course is a study of various jazz styles, jazz theory and improvisation. The Jazz Ensemble performs at concerts and area festivals, local events, school events, and home basketball games.

MUSIC APPRECIATION: (DUAL CREDIT): One-half (1/2) credit – 11th & 12th grades. Prerequisite: College Placement Test (ACT). This dual credit class is WEIGHTED. Overview providing knowledge of the basic elements of music, the important musical masterpieces of various eras and the significant composers in musical history. A portion of the course time is devoted to listening to recordings and viewing supporting video footage of selected composers and performers.

ADVANCED PLACEMENT MUSIC THEORY: One (1) credit – 10th, 11th, & 12th grades. Prerequisite: Students must be taking private lessons (vocal/instrumental) or be in an auditioned ensemble at SCHS with prior teacher approval. This course is WEIGHTED. The goal of AP Music Theory is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. This course instills a mastery of the rudiments and terminology of music, including hearing and notating: pitches, intervals, scales & keys, chords, meter, and rhythm. This course prepares students for pursuing music courses at the collegiate level. **Students choosing to take the Advanced Placement Music Theory examination in May will pay a testing fee of \$93.00.**


PRACTICAL ARTS


Courses in ENGINEERING & COMPUTER SCIENCE, VOCATIONAL FAMILY & CONSUMER SCIENCE, BUSINESS EDUCATION, MARKETING EDUCATION and SFCC CAREER & TECHNICAL CENTER meet the PRACTICAL ART requirement.


ENGINEERING & COMPUTER SCIENCE EDUCATION DEPARTMENT


DRAFTING & DESIGN TECHNOLOGY: One-half (1/2) credit - 9th, 10th, 11th, & 12th grades. Prerequisite: IED. This class is WEIGHTED. This course is an advanced Drafting & Design course. Students enrolled in this course will further their knowledge into the world of design and the use of 3D modeling CAD software. Students will work on advanced drafting skills and techniques as they create a variety of objects. Students will also perform various reverse engineering projects as well as design products from scratch using techniques they have learned in class. This course allows students to work in Autodesk Inventor and complete advance modeling designs.


MATERIAL PROCESSING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Drafting & Design or IED. A materials fee of \$50.00 is required. Students will learn to use various tools throughout the shop while building various projects. This course covers safety, measurement, proper tool usage, and electronics. Students will design a project, receive instruction on how to properly build it and will take it home when complete.

 **PLTW (IED) INTRODUCTION TO ENGINEERING DESIGN (DUAL CREDIT): One (1) credit – 9th, 10th, 11th & 12th grades. This class is WEIGHTED.** The course and curriculum for this class are formulated by PLTW (Project Lead the Way) as an introductory course for those students interested in engineering and design. The course engages students through a combination of activities-based, project-based, and problem-based learning. It will create an environment for applying engineering concepts to real problems. The course uses a design development process while enriching problem solving skills. Students create and analyze models using specialized computer software. Students will be required to utilize computer design software in a specialized computer lab in conjunction with hands-on development inside a mechanical shop setting. This is the first of a four course program. **This course is eligible for dual credit.**

 **PLTW (POE) PRINCIPLES of ENGINEERING (DUAL CREDIT): One (1) credit – 10th, 11th & 12th grades. Prerequisite: Introduction to Engineering Design. Students who have not taken IED need to obtain special permission from teacher/administration and demonstrate competency in mathematics. *This class is WEIGHTED.* This is the second course in the Project Lead the Way (PLTW) curriculum for students who are interested in engineering and design. This course explores various engineering disciplines along with the math, science, design, and problem solving skills associated with each of them. Students will explore fields of engineering such as mechanical, electrical, civil, robotics, etc. They will apply math and science principles to a variety of projects that are built throughout the year. This course is the foundation for the upper level engineering, robotics, design, and manufacturing courses at SCHS and at the collegiate level. **This course is eligible for dual credit.****

 **PLTW (DE) DIGITAL ELECTRONICS (DUAL CREDIT): One (1) credit – 10th, 11th & 12th grades. Prerequisite: It is strongly recommended that students demonstrate competency in mathematics. A lab fee of \$10 is required. *This class is WEIGHTED.* Digital electronics is the foundation for all modern electronic devices such as cellular phones, MP3 players, computers, digital cameras and high-definition Digital televisions. The major focus of this course is to expose students to the foundational design, usage, and logic of the components that make up digital electronic devices. Students will learn about various electrical components and they will design and build a variety of electrical projects. This is a specialized PLTW course. **This course is eligible for dual credit.****


 **PLTW (CEA) CIVIL ENGINEERING AND ARCHITECTURE (DUAL CREDIT): One (1) credit- 11th & 12th grades. *This class is WEIGHTED.* Prerequisite: Drafting & Design or IED. A lab fee of \$20 is required. Students in this course learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This is a specialized PLTW course**


 **PLTW (EDD) ENGINEERING DESIGN & DEVELOPMENT: One (1) credit – 11th & 12th grades. Prerequisite: IED (or Drafting & Design) AND POE. *This class is WEIGHTED.* This is the capstone course for the PLTW high school engineering program. Students in this course will apply all of their previous knowledge from engineering courses along with their core subject areas to solve a major problem using the engineering design process. Students will define a real-world problem that they have identified through research and will design and build a solution/invention to solve the problem. In addition to creating a solution to the problem students will work in teams to present to an outside panel their research, findings, recommendations and final project portfolio. Students will also work with outside professionals and mentors to assist them with their project.**

ROBOTICS: One (1) credit – 11th & 12th grades. Prerequisite: POE or by prior teacher approval. This course is designed as an upper level course to provide hands on applications of mechanical and electrical engineering using robotics as the learning platform. Robotics includes a variety of engineering disciplines which include some of the following: drive train systems, gears and pulley systems, mechanical arms, pneumatic actuators, electronics, programming, and design. Students who are enrolled in this course will be building a variety of robots as in class projects as well as a part of the robotics team, Team SCREAM. Students must be willing to attend robotics competitions.

CNC MANUFACTURING & MACHINING (DUAL CREDIT): One (1) credit - 11th & 12th grades. Prerequisite: IED or Drafting & Design. A materials fee of \$50 is required. *This class is WEIGHTED.* This course introduces the use of computer numerical control (CNC) machine tools. Students enrolled in this course will be using state of the art, industry standard machine tools such as CNC mills, lathes and routers. The proper use of manual machine tools will be used as well. Students will be able to safely demonstrate and use CNC tools to create a variety of projects in the machine shop along with designing and programming using CAD/CAM software. This course is an excellent introduction to the manufacturing world and the numerous career opportunities available to machine tool operators and programmers. **This course is eligible for dual credit.**

ENGINEERING APPRENTICESHIP: One (1) credit – 11th & 12th grades. Project Lead the Way, in conjunction with Maxion Wheels, is offering an apprenticeship program to students who are interested in engineering and technical trades. Students who are selected to the apprenticeship program will work as employees at Maxion Wheels. During the apprenticeship program students will work with mentors in various settings within the factory. Some of these areas include: engineering, electrical technician, maintenance technician, tool and die, network IT, etc. To be eligible for the program Project Lead the Way students must apply for a position, go through the interview process, and be selected by the hiring committee. In order to receive credit, students will work a minimum of 10 hours a week and submit a pay stub to the instructor on a weekly basis. ***Students must have instructor approval and be employed by Maxion before enrolling in the course.***

 **PLTW (ICS) INTRODUCTION TO COMPUTER SCIENCE: One-half (1/2) credit- 9th, 10th, 11th, & 12th.** Student teams create an Android interface to solve a problem the team defines. Students learn fundamental computer science (CS) concepts using MIT App Inventor. The course aims to develop computational thinking and build student excitement. Modules are targeted to build career awareness about computing skills in all fields and to improve students' cyber hygiene.

 **PLTW (CSP) ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES: One (1) credit- 10th, 11th, & 12th grades. Teacher Recommendation Only. This class is WEIGHTED.** In this PLTW course, students work in teams to develop computational thinking and problem solving skills. Students work with various programming languages to create apps for mobile devices, automate tasks in a variety of languages, find patterns in data, and interpret simulations. Students collaborate to create and present solutions that can improve people's lives. The course also aims to build students' awareness of the tremendous demand for computer specialists and for professionals in all fields who have computational skills. **Students choosing to take the Advanced Placement Computer Science Principles examination in May will pay a \$93.00 testing fee.**

VOCATIONAL FAMILY & CONSUMER SCIENCE

CAREER & FAMILY LEADERSHIP: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course is a comprehensive instructional program that explores the general study of family and consumer sciences and helps prepare students for life on their own. Topics covered include: how to take leadership roles in career and family life, use effective communication, basic personal finance, effective family relationships, career exploration, and exploring one's own personal skills. **Students are highly encouraged to join FCCLA.**

NUTRITION & WELLNESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. A lab fee of \$15 is required. This course offers an instruction program that prepares individuals to understand the principles of nutrition; the relationship of nutrition to health and wellness; understand and promote nutritional knowledge by implementing the use of MyPlate into daily life; and the application of related math and science skills. **Students are highly encouraged to join FCCLA.**

CREATIVE FOODS I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Nutrition and Wellness. A lab fee of \$25 is required. This course explores different cooking techniques and the preparation of a variety of different foods. Topics include the selection and care of food, meal management, optimal use of the food dollar, basic skills involved in the art and science of baking and food combinations from stir-fry's to casseroles. **Students are highly encouraged to join FCCLA.**

CREATIVE FOODS II: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Creative Foods I with a passing grade of C or higher. A lab fee of \$30 is required. This is an upper level course where students use techniques and preparation skills learned in Creative Foods I and build upon those concepts. Students will explore other areas of cooking that were not covered in Creative Foods I. The class will cover different regions around the world and how geography, climate, and culture affect the development of the cuisine. Included will be an extensive project where the students will design a restaurant, its menu, recipes for the foods on the menu, and a marketing plan to promote the restaurant. **Students are highly encouraged to join FCCLA.**

INTERPERSONAL RELATIONSHIPS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course begins with the student today and explores individual growth in personality and character in relationship to heredity and environment. Students will then explore and develop positive ways to communicate, handle confrontation, and establish healthy positive interpersonal relationships. The intent is to help avoid mistakes in general social life, dating years and marital life. Common problems in society that affect the individual and family unit will be explored and positive ways of coping with stressors of life will be examined, especially from the teen perspective. The text, wide readings, audio-visual materials, professional guest speakers, and class discussions are all used in this course. **Students are highly encouraged to join FCCLA.**

APPAREL, TEXTILES & FASHION: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: FACS class/sewing experience. A lab fee of \$20 is required. This is an instruction program that prepares individuals to understand the social, psychological and physiological aspects of clothing and textiles; the nature, acquisition and use of clothing and textile products; the selection, construction, maintenance and alteration of clothing and textile products; and the effect of consumer choices on the individual and family, as well as the clothing and textile industry. **The student will be required to purchase additional material and supplies for one project. Students are highly encouraged to join FCCLA.**

ADVANCED APPAREL, TEXTILES & FASHION: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Clothing, Textiles and Construction I with a passing grade of C or better. A lab fee of \$20 is required. This course builds upon the basic sewing skills learned in Clothing, Textiles and Construction I and the student will perfect and refine sewing construction techniques. Students will create a garment of the student choice with instructor approval based upon sewing skill assessment. Students will also create a home decorator project. Students will participate in a sewing service project. **The student will be required to purchase additional material and supplies for sewing projects of student choice. Students are highly encouraged to join FCCLA.**

CHILD DEVELOPMENT: One-half (1/2) credit – 10th, 11th & 12th grades. This class is a semester course for students who have an interest in children and/or in careers working with children. The course will include units in understanding child growth and development, career opportunities, school of children, and curriculum planning for preschoolers. **Students are highly encouraged to join FCCLA.**

HOUSING ENVIRONMENTS & DESIGN: One-half (1/2) credit – 11th & 12th grades. This course prepares individuals to make important housing decisions and create a desirable living environment. This course is a study of all areas of homes including: the history of housing structure and architecture, a comparison of renting and buying, finding housing, exploring ways to make housing fit family needs, floor plans, furniture selection, and using design principles and color to create a comfortable living environment. **Students are highly encouraged to join FCCLA.**

PARENTING: One-half (1/2) credit – 11th & 12th grades. This course will focus on the skills involved in becoming a better parent. Areas to be covered will include the decision to be a parent, becoming a parent, care of children, helping children learn and develop guidance and resources available to the family to assist in the care and development of the child. Speakers, audio-visuals, readings, demonstrations, discussions and student presentations will be used to learn about parenting. **Students are highly encouraged to join FCCLA.**

FCCLA LEADERSHIP: One-half (1/2) credit- 9th, 10th, 11th, & 12th. FCCLA Participation is required. This course provides vocational, family, and consumer science students an opportunity to grow as leaders for their school and future careers. Students will learn about and participate in FCCLA activities on the local and state level in competitive events.

CAREER PATHWAYS FOR THE TEACHING PROFESSION: One (1) credit- 10th, 11th, & 12th grades. This class is designed for students who are considering the elementary or secondary teaching profession or corporate educator. The course focuses on the general theory and practice of learning and teaching. The first course includes the basic principles of educational psychology, the art of teaching, the planning and administration of educational activities, school safety and health issues, and the social foundations of education.

PRACTICUM IN TEACHING PATHWAY: One (1) credit- 12th grade. Teacher Recommendation & MUST provide own transportation. This course provides students with a seamless pathway to study the profession through experiencing the classroom as an intern. Each student is assigned to a district school within the high school attendance boundaries. Pre-Professional Educator Cadet practicum students complete reflection journals, prepare and present a lesson(s) and work closely with students of the assigned supervising teacher. Students will demonstrate good moral character, good work habits, responsibility, punctuality and organizational skills.

ProSTART I: One (1) credit- 10th, 11th, & 12th grades. Prerequisite: Nutrition & Wellness with a C or better. A lab fee of \$30 is required. This course is designed to prepare individuals in the pursuit of a career in the hospitality/food service industry. ProStart I is an intensive course covering topics such as sanitation and safety, nutrition, kitchen basics, commercial equipment, foodservice costs, and other basic concepts related to culinary skill development and restaurant management.

BUSINESS & MARKETING EDUCATION

INTRODUCTION TO BUSINESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grade. This is an introductory course explaining the role and purpose of business in our global economy. The student will learn of his relationship with business as a consumer, worker, and citizen. The course will also include the introduction of career opportunities and the basics of creating a business plan.

BUSINESS TECHNOLOGY I: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course will allow students to use a computer and other technologies common in businesses to accomplish activities similar to current trends in business and industry. The course content will include a very quick review of the keyboard, introduction to a computer network system, introduction to computer parts and functions, Internet use and the current operating system. The students will learn to use Microsoft Office Word and Excel in depth to complete common tasks in the workplace. This is an applications oriented course and class assignments will require keyboarding skills. **It is strongly recommended that students who complete this class continue with Business Technology II. This course is articulated with SFCC.**

BUSINESS TECHNOLOGY II: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Business Technology I or Computer Applications I. This course will allow students to use a computer and other technologies common in business to accomplish activities similar to current trends in business and industry. The course content will include a very quick review of Microsoft Word and Excel, and review from Business Technology I. The students will learn to use Microsoft Office PowerPoint and Access in depth. Students will also learn voice recognition software – Dragon Naturally Speaking. Some HTML may be introduced. This is an applications oriented course and class assignments will require keyboarding skills. This course is articulated with SFCC.

COMPUTER GRAPHICS: One-half (1/2) credit – 9th & 10th grades. Prerequisite: Computer Applications I or Business Technology I. This course is designed for both college and work bound students and will familiarize students with the creative side of computers and spark new career interests. Students will learn basic concepts of vector and raster editing software, desktop publishing software, and animation software. Students will learn to create their own graphics and animations. They will also learn to use computer accessories including the digital camera and scanner. Students will be able to expand computer skills and produce a digital portfolio which can actually be used. Projects include: digital photo editing, flyers, cartoons, logos, and other business documents.

DESKTOP PUBLISHING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Computer Applications I or Business Technology I. This area of instruction provides content for employment in career areas which include desktop publishing skills and is designed for both college and work bound students. This course will allow students to complete projects such as brochures, advertisements, newsletters and other business documents. Students will be able to expand computer skills and produce a personal portfolio which can actually be used.

MULTIMEDIA: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course provides students with experience focusing on creative expression. Students will explore digital video and audio, 3-D animation, and interactive multimedia. It also includes small video projects to learn video production techniques. Students who enroll in this course should have social skills, be creative, and have the ability to work individually as well as part of a team.

TIGER PRIDE PRODUCTION: One (1) credit- 10th, 11th, & 12th. This course is a continuation of Multimedia and includes determining and working out ideas for video productions for the school. After school participation such as taking a video at events is mandatory all year long. Students that apply to take this course should have social skills, be creative, have the ability to work individually and as part of a team. The student should have dedication to this year-long process and understand that class is time consuming and hard work is required.

WEB PAGE DESIGN: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Computer Applications I or Business Technology I. The Internet has become a central item in business and knowledge of web page design will increase a student's abilities and skills as a potential employee. Students will learn to design, create, and maintain web pages using HTML, web page editors, graphics software, and equipment. This course is articulated with SFCC – One (1) credit hour only.

BUSINESS LEADERSHIP: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. **FBLA Participation is required. This course provides business students an opportunity to grow as leaders for their school and future careers. Students will learn about and participate in FBLA activities including local, state, and national competitive events and the Business Achievement Awards. This course provides an opportunity for students to work on FBLA activities in class. This class can be taken more than once, if the student's schedule allows.**

PERSONAL FINANCE: One-half (1/2) credit – 11th & 12th grades. This course is designed to assist the student in preparation of his/her personal finance records and teach basic skills in budgeting, insurance, saving, credit, using a checking account, income tax preparation, and basic math skills. Students will begin to develop the knowledge to cope with everyday consumer matters and learn record keeping skills that can carry over to entry-level jobs. Students will use the computers to enhance such skills and complete financial simulations. **This course is a state requirement for graduation.**

ACCOUNTING I: One (1) credit – 10th, 11th & 12th grades. This course is a study of the basic accounting principles used by individuals and organizations. The student will learn to record, interpret, and analyze accounting procedures used by sole proprietorships, partnerships and corporations. This course is recommended for students who have a variety of career objectives, as accounting is used in all areas of business.

ACCOUNTING II: One (1) credit – 11th & 12th grades. Prerequisite: Accounting. *This class is WEIGHTED.*** This program focuses on the important internal and external uses of accounting data. Managerial Accounting covers internal uses, and includes departmentalized accounting. Financial Accounting emphasizes external uses. Corporate Accounting covers dividends, acquiring additional capital, and financial analysis. The student has the opportunity to acquire the capability of handling the accounting activities of a small or large business office and to acquire additional background for future study in accounting or accounting-related fields. This course is articulated with SFCC.**

ACCOUNTING III: One (1) credit – 12th grade. Prerequisite: Accounting II. This class is WEIGHTED. This course takes accounting students through the creation of a fictional LLC S-Corp where they will determine accounts needed, business process, investors, tax options, etc. for their company. Additionally, the course will explore specialty areas of accounting such as tax, non-profit, and government. Students will visit various local corporations as well as interact with accountants and universities across the United States via Skype or other media transmissions. Specific career options in accounting will be researched and evaluated.

MARKETING: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course consists of a study of marketing concepts and principles and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter will include economics, marketing foundations/functions with emphasis on selling, promotion, product/service management, pricing, and distribution. In addition, this course will explore human resource and leadership development. DECA membership is encouraged so students can apply the course concepts to DECA projects and competitive events.

ADVANCED MARKETING: One-half (1/2) credit - 9th, 10th, 11th & 12th grades. Prerequisite: Marketing. Fee for DECA is \$25. This course is for students who are interested in a career in the field of marketing and management. Major emphasis is placed on applying key marketing concepts, human relations, communications, economic concepts, marketing operations and management, civic consciousness, and leadership development. **DECA membership and completion of a DECA Chapter Project is required since it is an advanced marketing class. DECA is major part of this class and projects developed will be used in DECA competitions.**

ADVERTISING & PUBLIC RELATIONS: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course is designed to focus students interested in the field of marketing by developing an understanding of concepts and strategies needed to communicate information about products, services, ideas, and/or images to achieve a desired outcome. Students will become familiar with career opportunities in the fields of Advertising and Public Relations. Students will focus on the implementation and presentation of an Ad Campaign for a local business. DECA is a major part of this class and projects developed will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

ENTREPRENEURSHIP: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course will include enhanced marketing information as it relates to entrepreneurial activities. Subject matter will include introductory entrepreneurial concepts, business plan development, management responsibilities, and legal and ethical issues of business ownership. Students will take part in a mock business plan while researching the success/failures of local businesses. DECA is a major part of this class and projects will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

SPORTS & ENTERTAINMENT MARKETING: One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: Marketing with a grade of C or better. Fee for DECA is \$25. This course will include a specialized marketing course which is designed for students to develop skills in the areas of facility design, merchandising, advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. DECA is major part of this class and projects developed will be used in DECA competitions. **This course is an advanced marketing class; therefore, DECA membership is required.**

ADDITIONAL PRACTICAL ARTS

LIFE SKILLS TTR: One (1) credit per year – 9th, 10th, 11th, & 12th grades. Prerequisite: Teacher/team referral required. This course is designed to improve communication skills for students in the areas of writing, speaking and listening. Specific life/work skills relating to decision making, problem solving and cooperating with others will be emphasized. In addition, students will be assisted in developing positive attitudes and skills which will increase their success in work, independent living and citizen responsibility. To facilitate the process of assessing student's current knowledge on the topic and to provide more specific instruction to areas that need further development, students will be given assessments in the areas of, but not limited to, readiness for employment, self-determination, independent living, and post-secondary preparation.

ON JOB TRAINING: (number of credits arranged) – 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. The Cooperative School-Work Program for students, who have individualized plans, provides an opportunity, based on age and ability, to receive on the job training for payment of work or on a volunteer basis with permission of and supervision by the Work Experience Coordinator.

PHYSICAL EDUCATION & HEALTH

PERSONAL FITNESS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This class will cover units on individual/team sports and lifelong fitness activities. Specific units will vary from the fall to spring semester.

ATHLETIC CONDITIONING: One (1) credit – 9th, 10th, 11th & 12th grades. This class will focus on strength conditioning through weight training, agility drills, and knowledge of nutrition. This course may be taken more than once with instructor approval. Classes will be coed.

LIFETIME SPORTS: One-half (1/2) credit – 10th, 11th, & 12th grades. Prerequisite: Prior PE credit & teacher approval. Through the participation in several sports, students will gain the knowledge necessary to become an educated participant and spectator. The involvement in specific sports will provide an atmosphere that is enjoyable to the participants, promotes cooperation among peers and develop an appreciation for the degree of fitness necessary to participate. The following sports are included in the course Lifetime Sports: Archery, Tennis, Badminton, Bowling, Golf, Washers, Shuffleboard, Ultimate Frisbee/Football, Ping Pong, and other athletic-related activities.

HEALTH: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. This course covers a study of the human body and its functions in relation to body care and disease prevention. **This class is a state requirement for graduation.**

ELECTIVES

FOREIGN LANGUAGE DEPARTMENT

LEVEL I – SPANISH: One (1) credit – 8th, 9th, 10th, 11th & 12th grades. The Level I Spanish course will introduce students to basic vocabulary and grammar, rudimentary communication with learned phrases, and simple questions and answers in the target language. Students will acquire an understanding of the customs and traditions of the countries where the target language is spoken.

LEVEL I – FRENCH, GERMAN: One (1) credit – 9th, 10th, 11th & 12th grades. The Level I Foreign Language course will introduce students to basic vocabulary and grammar, rudimentary communication with learned phrases, and simple questions and answers in the target language. Students will acquire an understanding of the customs and traditions of the countries where the target language is spoken.

LEVEL II – SPANISH: One (1) credit – 9th, 10th, 11th & 12th grades. The Level II Spanish course is a continuation of Level I emphasizing the ability to narrate events in the past. Students will increase and improve their reading, writing, listening and speaking skills in the target language.

LEVEL II – FRENCH, GERMAN: One (1) credit – 10th, 11th & 12th grades. Prerequisite: Level I. The Level II Foreign Language course is a continuation of Level I emphasizing the ability to narrate events in the past. Students will increase and improve their reading, writing, listening and speaking skills in the target language.

LEVEL III – SPANISH: One (1) credit – 10th, 11th & 12th grades.

LEVEL III – FRENCH, GERMAN: One (1) credit – 11th & 12th grades. Prerequisite: Level II. *This class is WEIGHTED.* The Level III Foreign Language course is a continuation of Level II with emphasis on obtaining advanced skills and specific knowledge of oral and written language. The course will focus on use of different tenses and moods such as past, future, conditional, subjunctive and imperative.

LEVEL IV – SPANISH : One (1) credit – 11th & 12th grades.

LEVEL IV – FRENCH, GERMAN: One (1) credit – 12th grade. Advanced Placement. Prerequisite: Level III. *This class is WEIGHTED.* The Level IV Foreign Language course is a college level class and will follow the Advanced Placement Program curriculum. Interested students will sign up for this class with a limited number being admitted. **Students choosing to take the Level IV Foreign Language (AP) examination in May will pay \$93.00.**

SPANISH HISTORY & LITERATURE: One (1) credit – 10th, 11th & 12th grades. This course is recommended for native Spanish speakers and advanced Spanish students. It will focus on history and literature and provide the opportunity to practice reading and writing skills while eliminating the lessons on grammar and vocabulary.

ADDITIONAL COURSES/ELECTIVES

COLLEGIATE ATHLETIC PREPARATION: One-half (1/2) credit – 11th & 12th grades. Teacher/Coach approval and/or recommendation needed. This course will assist student athletes in preparing and promoting themselves for athletic recruitment by colleges and universities. It is a requirement for the athlete to take the course during the season of their primary sport. Students will develop and maintain academic and athletic profiles through online resources to help student athletes continue participation at the post-secondary level. NCAA & NAIA clearinghouse procedures will be completed.

PUBLIC SPEAKING (DUAL CREDIT): One-half (1/2) credit – 10th, 11th, & 12th grades. *This dual credit class is WEIGHTED.* This course is a study and practice of basic rudiments involved in generating, designing, delivering and evaluating ideas for speech situations facing adults of our society. The class is aimed at developing practical skills as opposed to being steeped in theory. The primary goal is to develop self-confidence in each student with emphasis on growth, change and behavior.

YEARBOOK: One (1) credit - 9th, 10th, 11th & 12th grades. Prerequisite: Teacher approval and application. This course includes determining and working out ideas and designing the school yearbook. After school participation such as taking pictures and selling advertisements is mandatory all year long. It also includes small projects to boost school spirit such as a spirit week contest, locker decorations, student bulletin, etc. Students that take this course should have social skills, be creative, and have the ability to work as a team as well as alone. The student should have dedication to this year long process. This class is time demanding and laborious and hard work is required.

INTRODUCTION TO JOURNALISM: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Students will learn the principles of journalism and how to write in journalistic styles (news, features, opinion). Understanding of media messages, the role of journalism in society and the First Amendment are included. Students will interview sources, take notes and write on deadline; they also will maintain a blog. Students' stories will be eligible for publication in the *Sedalia Democrat* newspaper as part of the "Rookie Reporters" program.

PRACTICAL JOURNALISM: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Introduction to Journalism and Application/Instructor Approval. Students will receive advanced journalism training, including source development, maintaining a beat and story idea creation. Students will be required to produce a minimum of two multimedia enterprise reporting packages, which will include a narrative story, photographs and an online component (video, graphic, alternative story form). Students' stories will be eligible for publication in the *Sedalia Democrat* newspaper as part of the "Rookie Reporters" program. Students also will get base-level instruction in public relations strategies.

SMITH-COTTON MEDIA: One (1) credit – 10th, 11th, & 12th grades. Prerequisite: Application and instructor approval. Must have completed Introduction to Journalism. This is the working newsroom of Smith-Cotton Media, creating a student newspaper and regularly scheduled news video program. Students will be assigned beats to ensure timely and consistent coverage of news and events related to Smith-Cotton High School in particular and the Sedalia 200 district in general. Content created will be posted on the district website and offered to local media outlets for additional distribution. Students will work in traditional storytelling forms and will learn appropriate and effective use of social media in story production and promotion.

LIBRARY MEDIA SKILLS: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. By application only (see Librarian). Students will learn and be able to perform various skills needed to work in a library setting. Students will perform, but not be limited to, the following duties: check books in and out, help students and teachers find items in the library, deliver materials to classrooms, and return books to bookshelves. Good customer service skills are required as students work with each other and all users of the library media center. Class assignments include reading one book per quarter. Students may enroll in this class full-year or multiple times with instructor permission.

JUNIOR RESERVE OFFICER TRAINING CORPS: One (1) credit – 9th, 10th, 11th & 12th grades. JROTC is a Leadership and Character Development program. The Program of Instructions being taught uses the latest instruction technologies and focuses on the student (“cadets”) centered learning in a structured environment. Through participation in the learning process cadets are able to get a deeper understanding of the subjects and how they may apply what they have learned. Co-curricular and competitive activities include Color Guard Team, Drill Team/Exhibition without Arms, Drill Team/Exhibition with Arms, Raider Team, Academic Team, Leadership Team, Cadet Challenge competitions, Leadership/Adventure Training events, field trip(s), an annual District JROTC Ball, and an optional summer camp. In addition to an academic elective credit for the course cadets can earn a Smith-Cotton Varsity letter for competing on one of the teams. They also earn rank and JROTC awards for their achievements. (The Sedalia Board of Education policy allows one (1) credit of Physical Education upon the completion of the second year in JROTC). Certification of a cadet’s physical health is also a requirement to be enrolled in this class. The JROTC Program prepares high school students for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. The program is a stimulus for promoting graduation from high school and it provides instruction and rewarding opportunities, which will benefit the student, community and nation. JROTC provides education and training in skills and knowledge like Leadership, Service Learning, Community Service, Geography, and Goal Planning which are useful to students upon graduating from high school. In addition to classroom instruction, students are expected to properly wear the JROTC uniform one day per week (mandatory) and participate in physical training events as required.

CAREER DEVELOPMENT: One (1) credit – 12th grade. Placement MUST BE approved by the A+ coordinator prior to enrolling in the class and students MUST PROVIDE their own transportation. This course is designed to give seniors an opportunity to go to a place of business in Sedalia and observe how that business operates. This placement should be in the career field where the student plans to continue their education or receive additional training after high school (medical, accounting, etc.).

ACT PREPARATION: One-half (1/2) credit – 9th, 10th, 11th & 12th grades. Prerequisite: Prior to enrollment, the counseling office MUST have ACT score on file. This course will provide an overview of the four skill areas of English, mathematics, reading, and science and teach test taking strategies. Students will focus on how to take the general multiple-choice ACT Test and will be introduced to the optional ACT Writing Test. This class is designed for students who are planning to take the ACT assessment during the current school year.

TIGER TUTORS: One-half (1/2) credit –12th grade. Prerequisite: Must be able to meet A+ guidelines regarding attendance, G.P.A. and citizenship. This course will help fulfill state requirements for 50 hours of tutoring/mentoring by students pursuing A+ status. The class will meet in a designated area for the first day and students will report to their assigned school the second day of class. Students will be placed with a supervising teacher at the district’s elementary, secondary, or high schools for the semester. **Students must provide their own transportation to the field schools. A parent or guardian must sign a transportation waiver. Those without a driver’s license will either be placed at the high school (if appropriate) or may earn their hours under alternate tutoring options.**

OFFICE WORKER: 12th grade given priority. This class does not receive credit. Students are assigned to work in either the principal or the school counseling offices.

WORK STUDY: One-half (1/2) credit – 11th & 12th grades. (11th graders will need counselor approval.) This is a program for students who are employed in a regular job and wish to receive credit for working. A student must be employed a minimum of 8 hours per week per block of work study. Work hours must be maintained throughout the semester with pay stubs turned in after each pay period.

PSYCHOLOGY: One-half (1/2) credit – 10th, 11th & 12th grades. This course provides instruction in the elementary principles of psychology, thereby helping the student to understand human behavior. An objective is to help the student to better understand his own behavior and that of others.

SOCIOLOGY: One-half (1/2) credit – 10th, 11th, & 12th grades. Prerequisite: World History. This course will define the concept and origins of sociology as it relates to Social Scientists of the past. Students will examine topics of interest to sociologists, such as culture, society, social interaction, socialization, groups, deviance and social control, social class, and global stratification. The course will conclude by looking at several different components of society such as gender, age, race and ethnicity, marriage and family, education, and religion.

SIGN LANGUAGE: One-half (1/2) credit- 9th, 10th, 11th, & 12th. Students will be exposed through a variety of lessons based on the beginning curricula written and developed by Gerilee Gustason who was a co-author and developer of Signing Exact English (copyright 1993). Students will be guided through the lessons and evaluated based on their performance on tests, songs, and conversation. “Signing Exact English (SEE) is a sign language system that represents literal English. It is a tool to make visible everything that is not heard. Since American Sign Language (ASL) has different vocabulary, idioms and syntax from English, SEE modifies and supplements the vocabulary of ASL so children can see clearly what is said in English.” (taken from the S.E.E. Center website - <http://www.seecenter.org/index.html>).

GENERAL SOCIOLOGY (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course will introduce the basic principles, concepts, research strategies, and empirical findings representative of the field today. It will explore the relationships of individuals and groups in the context of broader social patterns and establish a basis for further study in the field. The course topics may include gender and racial inequality, deviance, economic and political institutions, social mobility, and concepts related to current social and cultural change.

GENERAL PSYCHOLOGY (DUAL CREDIT): One-half (1/2) credit – 10th, 11th & 12th grades. Prerequisite: College Placement Test (ACT). It is strongly recommended that students take these tests before the beginning of the following school year. *This dual credit class is WEIGHTED.* This course will cover the introduction to the scientific study of behavior and mental processes. It will include a survey of historical and current theories, theorists and perspectives in psychology. The course goals will include increasing critical thinking and intellectual curiosity about psychological phenomenon and provides a basis for further study in the field. Topics include neurology, sensation and perception, consciousness, learning, psychometrics, personality development, and mental illness and wellness.

SFCC MISSOURI OPTIONS: Prerequisite: Interview and screening with SFCC instructor. Students that will complete or have completed their elective coursework and are behind on core credits can prepare for the Missouri Options test by attending classes at the SFCC Alternative School. After taking and passing the Missouri Options test a Smith-Cotton High School diploma can be awarded, providing the basic requirements have been met in accordance with the MISSOURI OPTION contract. **STUDENTS ARE NOT ELIGIBLE FOR THIS PROGRAM UNTIL THE YEAR THEIR COHORT GROUP GRADUATES!**

STUDY SKILLS TTR: One (1) credit per year – 9th grade ONLY. Prerequisite: Teacher/team referral required. This course will include individualized instruction in specific compensatory skills as well as assistance in an identified area of difficulty, including continual development and improvement in overall vocabulary. In addition, students will be instructed in work place skills including skills and techniques for interacting appropriately with others.

SOCIAL SKILLS TTR: One (1) credit per year—9th, 10th, 11th, 12th grades. Prerequisite: Teacher/team referral required. This course will include individualized instruction in specific social interactions, as well as assistance in an identified area of difficulty, including continual development and improvement in overall social vocabulary. In addition, students will be instructed in work place skills including skills and techniques for interacting appropriately with others.

TRANSITION LAB TTR: One-half (1/2) credit – 11th & 12th grades. Prerequisite: Teacher/team referral required. This course will assist students in the transition process of moving from school to the post-secondary setting. Students will investigate post-secondary options of further education/training, direct employment after high school, and/or independent living skills.

EDUCATION RESOURCE TTR: One (1) credit per year – 9th, 10th, 11th & 12th grades. Prerequisite: Teacher/team referral required. This course is designed for students who wish to improve conduct and behaviors. The primary goal of the course is to instruct students in the skills and techniques needed to interact appropriately with others. Instruction is provided to address specific behavioral concerns. Students will be exposed to vocational and other transition related information. To facilitate the process of assessing student's current knowledge on the topic and to provide more specific instruction to areas that need further development, students will be given assessments in the areas of, but not limited to, readiness for employment, self-determination, independent living, and post-secondary preparation.

CAREER & TECHNICAL EDUCATION

State Fair Career & Technology Center (CTC)

State Fair CTC courses will meet the PRACTICAL ARTS requirement. Students enrolling in the CTC must be making adequate progress toward meeting graduation requirements in the core subjects. Classes at the CTC are FULL YEAR classes and students should plan to be in attendance the full year.

AUTOMOTIVE SERVICE TECHNOLOGY: Three (3) credits – 11th & 12th grades. The Automotive Service program is a two-year ASE (Automotive Service Excellence) certified course of study, providing basic entry-level skills in a variety of automotive service areas or for advanced placement in college automotive technology programs. Students completing our ASE-certified program have the opportunity to gain certifications in the following areas: Brakes, Steering & Suspension, Engine Performance, and Electrical. **This course is eligible for dual credit.**

BUILDING TRADES: Three (3) credits - 11th & 12th grades. The Building Trades program is a two-year course of study that prepares students for a variety of jobs in the construction industry. This program consists of classroom instruction enhanced by the hands-on experience of building a house. Students completing this course will gain valuable knowledge and skills that will prepare them for entry level positions among various construction trade areas such as carpentry, masonry, concrete, and many others. Students will also be prepared to pursue post-secondary education or certifications in construction management programs. **This course is eligible for dual credit.**

CRIMINAL JUSTICE: Three (3) credits- 11th & 12th grades. The Criminal Justice program is a two-year plan of study that prepares students for entry-level employment in criminal justice fields or advanced placement in post-secondary training or college programs. Students who enroll in this course learn about our criminal justice system and law enforcement practices. In addition to the criminal justice content, this course works extensively with communication, leadership, community service, and leadership skills which are all crucial to modern criminal justice careers. **This course is eligible for dual credit.**

EARLY CHILDHOOD CAREERS: Three (3) credits - 11th & 12th grades. The Early Childhood Careers program is a two-year course of study designed for students who want to work in careers involving young children and their families. Students will have experiences with infants, toddlers, preschoolers and their parents. Early Childhood Career students will be responsible for planning activities that stimulate a child's cognitive, physical, emotional and social growth. In addition, trainees will learn to provide a safe, healthy and loving environment that will allow children to explore and develop their natural curiosity and imagination. Students will complete practical experience in area schools and child care facilities. **This course is eligible for dual credit.**

ELECTRIC & POWER: Three (3) credits – 11th & 12th grades. The Electric and Power program will prepare students for a wide variety of opportunities in technical careers related to electrical and industrial professions. Students will obtain skills for entry-level positions in manufacturing and electrical installations, service, or maintenance. The program can be applied to certificates and an Associate of Applied Science (AAS) degree, or qualify you for advanced placement in college programs. Students will work on a variety of electrical, mechanical, and industrial projects and labs along with classroom instruction. **This course is eligible for dual credit.**

GRAPHIC DESIGN: Three (3) credits – 11th & 12th grades. The Graphic Design program is a two-year course of study that is created to enhance students' skills and opportunities related to the graphic design industry. Students will learn technical knowledge and skills in electronic layout design, principles of graphic and web design, digital manipulation, sublimation printing, vinyl design and preparation, and screen-printing. In addition, this program provides outside experience to further student's experience and skill levels. Students who complete this program will be qualified for entry level positions in various graphic design opportunities or they can further their education through post-secondary certificate or degree programs. **This course is eligible for dual credit.**

HEALTH OCCUPATIONS: Three (3) credits – 11th & 12th grades. The Health Occupations program is a one-year plan of study that prepares students for employment in the health care field. Students will learn the basic nursing skills of vital signs, personal care/hygiene, food service, and transfer techniques. Students will have the opportunity to apply their skills at a local health care facility, and will job shadow in the health care field. Students who successfully complete the first year program will become a registered CNA and are eligible to apply for the nursing program at SFCC and begin classes a year early. This program prepares students to obtain entry-level employment as a CNA and it prepares them to further their education in health care related programs at the college level. **This course is eligible for dual credit.**

PRECISION MACHINING: Three (3) credits – 11th & 12th grades. The Precision Machining Technology program is a two-year course of study designed to expose students to the high-tech world of advanced manufacturing. Students will receive experiences in operating machines such as drill presses, milling machines, lathes, grinders, and Computer Numeric Controlled (CNC) machines including computer controlled lathes, mills, and lasers. Students who complete the program will be eligible for entry-level positions in precision machining and manufacturing jobs. They can also further their education by enrolling in post-secondary certificate or college programs. **This course is eligible for dual credit.**

WELDING: Three (3) credits – 11th & 12th grades. The Welding program is certified by the American Welding Society (AWS) and is a two-year course of study that covers the four basic welding processes: Arc, Mig, Tig, and Oxyacetylene. In addition to the welding processes students will learn about weldment print reading and safe operating procedures. Each student will spend a significant amount of time in the welding lab developing successful welding techniques. Students who complete the course will be eligible for entry-level positions as a welder or they can pursue additional certifications or college degree programs. **This course is eligible for dual credit.**

CTC EMBEDDED MATH: One (1) credit- 12th grade. Students enrolled in CTC programs will receive embedded math content throughout their two year programs provided by a certified math instructor. Students who complete both years of their program will receive one (1) credit for math. **This course is eligible for dual credit.**

CTC EMBEDDED LANGUAGE ARTS: One (1) credit- 12th grade. Students enrolled in CTC programs will receive embedded language arts content throughout their two year programs provided by a certified language arts instructor. Students who complete both years of their program will receive one (1) credit for language arts. **This course is eligible for dual credit.**

SEDALIA SCHOOL DISTRICT #200
ATTENDANCE - % of Students Over 90 % Attendance 2017-2018
 Standard 4 - 90% of the students will attend 90% of the time

School	Date	Adj Enrollment	On Target	%	On Track	%	Approaching	%	Floor	%
Heber Hunt Elem	9/14/2017	461.70	403.74	87.45	23.64	5.12	9.67	2.09	24.64	5.34
	10/12/2017	460.48	408.82	88.78	34.96	7.59	11.47	2.49	5.24	1.13
	11/13/2017	457.66	415.44	90.77	33.77	7.37	7.01	1.53	1.44	0.31
	12/11/2017	456.18	423.17	92.76	26.53	5.81	5.40	1.18	1.07	0.23
Horace Mann Elem	9/14/2017	277.44	258.51	93.18	12.00	4.33	4.14	1.49	2.79	1.00
	10/12/2017	277.60	263.34	94.86	10.85	3.90	2.91	1.04	0.50	0.17
	11/13/2017	278.33	268.43	96.44	6.31	2.26	3.46	1.24	0.13	0.04
	11/11/2017	279.00	264.02	94.63	12.17	4.36	2.70	0.96	0.10	0.03
Parkview Elem	9/14/2017	518.57	458.57	88.43	35.00	6.75	4.00	0.77	21.00	4.05
	10/12/2017	517.59	478.47	92.44	21.73	4.19	9.88	1.90	7.50	1.44
	11/13/2017	514.46	478.32	92.97	23.98	4.66	7.70	1.49	4.45	0.86
	12/11/2017	512.53	480.51	93.75	22.65	4.41	7.54	1.47	1.83	0.35
Skyline Elem	9/14/2017	494.14	451.50	91.37	23.14	4.68	5.43	1.10	14.07	2.85
	10/12/2017	493.78	469.71	95.12	16.30	3.30	4.33	0.87	3.44	0.69
	11/13/2017	493.28	464.08	94.08	22.71	4.60	5.21	1.05	1.28	0.25
	12/11/2017	493.57	463.89	93.98	22.08	4.47	6.15	1.24	1.45	0.29
Washington Elem	9/14/2017	238.21	217.57	91.33	13.64	5.73	3.00	1.26	4.00	1.68
	10/12/2017	241.31	224.58	93.06	11.00	4.55	5.17	2.14	0.56	0.22
	11/13/2017	243.42	226.96	93.23	13.25	5.44	2.07	0.85	1.15	0.47
	12/11/2017	244.43	231.65	94.77	10.01	4.09	1.91	0.78	0.86	0.34
SMS	9/14/2017	413.22	365.50	88.45	22.50	5.45	9.00	2.18	16.21	3.92
	10/12/2017	412.35	370.49	89.85	27.85	6.75	11.00	2.66	3.00	0.72
	11/13/2017	412.41	370.15	89.75	33.53	8.13	5.56	1.34	3.16	0.76
	12/11/2017	411.66	376.58	91.47	29.15	7.08	2.12	0.51	3.81	0.92

SEDALIA SCHOOL DISTRICT #200
ATTENDANCE - % of Students Over 90 % Attendance 2017-2018
Standard 4 - 90% of the students will attend 90% of the time

School	Date	Adj Enrollment	On Target	%	On Track	%	Approaching	%	Floor	%
Smith-Cotton Jr High	9/14/2017	1129.00	1001.98	88.75	51.32	4.55	25.32	2.24	50.39	4.46
	10/12/2017	1121.64	1035.79	92.34	48.55	4.32	16.92	1.50	20.37	1.81
	11/13/2017	1116.56	1027.40	92.01	56.16	5.02	20.76	1.85	12.24	1.09
	12/11/2017	1113.98	1019.08	91.48	65.75	5.90	17.67	1.58	11.47	1.02
Smith-Cotton HS	9/14/2017	1433.17	1201.90	83.86	109.02	7.61	39.43	2.75	82.83	5.78
	10/12/2017	1432.72	1225.76	85.55	114.44	7.98	45.17	3.15	47.35	3.30
	11/13/2017	1430.22	1208.37	84.48	125.22	8.75	52.35	3.66	44.28	3.09
	12/11/2017	1426.90	1208.80	84.71	119.91	8.40	52.22	3.65	45.97	3.22
District Wide	9/14/2017	4965.46	4359.28	87.79	290.26	5.85	99.99	2.01	215.93	4.35
	10/12/2017	4957.46	4476.97	90.30	285.69	5.76	106.85	2.15	87.96	1.77
	11/13/2017	4946.34	4459.16	90.15	314.93	6.36	104.13	2.10	68.13	1.37
	12/11/2017	4938.24	4467.71	90.47	308.27	6.24	95.71	1.93	66.56	1.34

On Target 90.0% - 100%	On Track 85.0% - 89.9%	Approaching 80.0% - 84.9%	Floor 0.0% - 79.9%
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Whittier High School

Sedalia School District #200

907 East 16th Street
Sedalia, MO 65301
(P) 660-829-4764
(F) 660-827-8909
www.sedalia200.org

Martin White, Ed. S.
Director

B.J. Curry, M.S.E.
Assistant Director

Kelly Birdsong
Social Studies

Shawn Cairer
Science/Service Learning

Jennie Guerrini, M.S.E.
Electives

Mark Johnson
PE/Health/Foods

Renee Pripusich, M.S.E.
English

Melissa Magaña
Bilingual
School-Home Liaison

Date: December 14, 2017
To: Sedalia #200 Board of Education
From: Mr. White and Mr. Curry
Re: Donation from Christ and Trinity Lutheran Church

Dear Sedalia #200 Board of Education,

On behalf of Whittier High School, we would like to extend our sincere appreciation to Christ and Trinity Lutheran Church for their generous monetary donation in support of our Whittier High School Physical Education Class.

Their donation was in the amount of \$889. This donation will be used to purchase a new Ping Pong table for our school.

Their generosity and support of Whittier High School is greatly appreciated.

Sincerely,

Martin White
B.J. Curry
Whittier High School

**Proud to be a
Tiger!**

Sedalia #200 is an equal
opportunity and affirmative
action employer