AUSTIN HIGH SCHOOL COURSE CATALOG

At Austin Public Schools, our mission is to Inspire, Empower, and Accelerate our learners.

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WE'RE HERE TO HELP YOU!

College and Career Center

Planning for what comes next

The Career Center is the place to go to plan out your career pathway and find everything and anything college and career related. Located next to the IMC in the art hallway.

College and career resources:

- · Visit with college and military reps
- · Apply for scholarships
- Learn about job opportunities

Jane Carlson College and Career Spec

College and Career Specialist jane.carlson@austin.k12.mn.us 507-460-1800 x151

How do I find my Career Pathway?

- · Assess your skills and interests
- Research potential careers, visit colleges, job shadow, visit with a mentor
- Develop a career plan
 - What experiences can I get in high school that will prepare me?
 - Where can I get the needed training and how can I pay for it?



AHS Counseling Office Staff:

Sarah Schmit

Students with Last Name A-Ha sarah.schmit@austin.k12.mn.us 507-460-1817

Stephanie Emanuel

Students with Last Name He-O stephanie.emanuel@austin.k12.mn.us 507-460-1813

Cassidy Hartmann

Students with Last Name P-Z cassidy.hartmann@austin.k12.mn.us 507-460-1813

Amy Flanders

Counseling Admin Assistant amy.flanders@austin.k12.mn.us 507-460-1812

Kim Goblirsch

Academic Coordinator kim.goblirsch@austin.k12.mn.us 507-460-1816

Julie Hale

AHS Social Worker julie.hale@austin.k12.mn.us 507-460-1810

Angie Taylor

AOA/ALC Social Worker angie.taylor@austin.k12.mn.us 507-460-0367

Jorge Santos

Spanish Success Coach jorge.santos@austin.k12.mn.us 507-460-1815

TABLE OF CONTENTS

Prepare for Your Future	4
Accelerate Your Future	5
Plan Your Future	6
Graduation Requirements	7
Core Courses	8
Special Education and EL Course Addendum	10
Elective Courses	11
Career Pathways Exploration	14
Agriculture, Food, & Natural Resources (AFNR) Pathway	15
Business Pathway	16
Engineering, Manufacturing, & Technology Pathway	18
Education, Health Sciences, & Human Services Pathway	20
Arts & Communication Pathway	22









Every year of high school is one step closer to your future. Here are a few things you can be doing each year to help prepare you for whatever you want to accomplish next. Need more information? Talk to your counselor or visit the **Career Center**.

Freshmen Year: HIGH SCHOOL SUCCESS

Discover

- Exploring careers in SchooLinks
- Complete interest surveys in SchooLinks
- Learn and practice good time management & study skills
- Learn how to calculate your grade point average (GPA)
- Get involved in school activities & volunteer and document in Get Connected
- Take advantage of pathways to explore careers
- Talk to adults you know about their jobs to see what sounds interesting to you
- Update your Academic Plan

Sophomore Year:

CAREER EXPLORATION

Explore

- Volunteer and document in Get Connected
- Talk to you family about what you might want to do after high school
- Ask adults you know if you can "shadow" them at work to learn more about careers that interest you
- Get a summer job related to your career interests
- Learn about the requirements for careers of interest
- Explore post-secondary costs, scholarships, and financial aid
- Update your Academic Plan
- Explore careers in SchooLinks

Junior Year: POST-SECONDARY EXPLORATION

Plan

- Prepare for standardized tests
- Volunteer and document in Get Connected
- Consider mentorships or apprenticeship opportunities
- Check out career fairs and college fairs to learn more about opportunities
- Visit the Career Center to meet with college admission and/or military representatives
- Update your Academic Plan

Going to the military, tech school, or a 2- or 4-year college?

- Take the admission tests, such as ACT, SAT, ASVAB, etc.
- Research available programs
- Tour schools/programs
- Explore careers in SchooLinks
- Explore colleges and campus visits

Senior Year: POST-SECONDARY SUCCESS

Action

- Complete Student Brag Sheet for Letters of Recommendation in SchooLinks
- Volunteer and document in Get Connected
- Apply to the college, trade school, military, or apprenticeship of your choice
- Attend Financial Aid Night and submit your Financial Aid Application (FAFSA)
- Arrange for mentorship, Work to Learn program, or apprenticeship
- Request letters of recommendation if needed
- Work on college essays, personal statements, etc.
- Research and apply for scholarships
- Meet with admissions or military representatives
- Complete Thank You notes to those who have helped you
- Explore careers in SchooLinks



SchooLinks is our new college and career readiness platform. It houses career and college exploration tools, interest inventories, an events board for college and career tours and rep visits, the ability to send transcripts, a college application manager, access to financial aid tools, and much more. Parents can also create a SchooLinks account once invited by their student. Watch this video to learn how. To access SchooLinks, go go the AHS Homepage under "Students" and choose SchooLinks. To access help within the platform, click the question mark (top right) or the chat box (bottom right corner) on the page.





ACCELERATE YOUR FUTURE

Did you know you can earn college credit while still in high school? It's true! With options ranging from AP courses to PSEO, you can get a head start on your future today.

Why should you start college in high school?

There are a lot of good reasons!

- Best of both worlds: You're going to school anyway, so why not earn some college credit along the way? You can earn both high school AND college credit at the same time!
- Save money: You can save money by taking college classes in high school. There is no cost to take AP or PSEO courses - no tuition or fees required!
- Save time: There are numerous courses and programs available at AHS to save you time on your journey to a post-secondary degree or certification. When you graduate from high school and start college, you'll be ahead in your program, which means less time completing your degree.
- Get ready for the rigors of college: When you take a college course in high school, you get a taste of the rigors of college-level coursework with the support of high school staff. Exposure to college courses increases academic confidence and gives you a head start towards a post-secondary career or certification to help you succeed in your future career!

How can I earn college credit in high school?

Look for the college icon throughout this guide, then visit our website to learn more about the course and the type of college credit available.



Always check with the college, university, or technical school of your choice for specific criteria in a program or major as not all institutions will recognize early college credits in the same way. Remember, the College and Career Center is another great resource available to you!

NCAA Eligibility

To be NCAA eligible, high school courses must meet certain criteria. The courses that meet these requirements are marked with the NCAA logo throughout this document.



Types of Early College Credit

Advanced Placement (AP): Students who successfully complete these college-level courses taught at AHS and pass an AP exam may be able to receive college credit at participating institutions.

Concurrent Enrollment (CE): This is a dual enrollment program in which college credit is awarded to students who successfully meet the standards of both the high school and college courses.

Post-Secondary Enrollment Options (PSEO): Students in grades 10-12 may enroll in courses offered at Riverland Community College either on campus or online and can earn both high school and college credit.



What is The Hormel Foundation Austin Assurance Scholarship?

The Hormel Foundation Austin Assurance Scholarship (THFAAS) is a scholarship (free money) that students can use while earning a full-time or part-time education at

Riverland Community College. This scholarship covers tuition (65 credits), fees, and includes up to \$2,000 for needed books and class materials. The scholarship amount varies for each student, but it will cover 100% of tuition and fees not fulfilled by federal grants or state grants. THFAAS has a potential savings of over \$12,500 for college education costs!

To be eligible for THFAAS, students must be a graduate of Austin Public Schools or Pacelli High School and must live in the Austin Public School enrollment district, have 50 documented volunteer hours in the community, and meet other criteria.

To learn more, please visit https://austinassurance.org or visit the College and Career Center!



ACADEMIC SUPPORTS

This guide is designed to help you plan your educational journey. From core classes to career pathways, you'll find what you need right here!

PLAN YOUR FUTURE

There are numerous academic support options for you to consider. Contact the counseling office to learn more about all these opportunities.

Credit Recovery: An option for students to recover credits toward graduation, maintain their status, and graduate with their class.

REACH: This class is designed to provide support for students with academic, social, and/or emotional needs. Students set school and personal goals weekly, engage in team or skill building activities, and are held accountable for academic success.

Area Learning Center (ALC): The Austin Area Learning Center program offers a variety of learning experiences for students and we are always looking for new ways to best meet their needs.

Austin Online Academy (AOA): Austin Online Academy is a virtual school option open to all MN students grades 9-12. Additionally, students who register through Austin Online Academy are eligible to take part in activities, athletics, and programs through AHS.



In the following pages, you'll find a lot of information. To help, we've spread everything out into five main sections:

1. GRADUATION REQUIREMENTS

This section lists the requirements for graduation and suggested course sequences. Be sure to check your current progress against the requirements to ensure you're on track to graduate.

2. CORE COURSES

This section includes the courses which can be used to meet the graduation requirements.

3. ELECTIVE COURSES

This section includes elective courses outside of the core curriculum.

4. CAREER PATHWAYS

This section includes suggested courses that would support careers in various fields.

5. COURSE BUILDER

Once you've chosen the courses you'd like to take next year, fill in the Course Builder to help you remember the important information you'll need when you register online.





1. GRADUATION REQUIREMENTS

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OPTIONS Lang. Arts 9 Standard

FRESHMAN

REOUIRED COURSE

- Lang. Arts 9
- Honors Lang. Arts 9

SOPHMORE REOUIRED COURSE OPTIONS

- · Lang. Arts 10 Standard
- Lang. Arts 10
- Honors Lang. Arts 10

JUNIOR REOUIRED COURSE OPTIONS

- Lang. Arts 11 Standard
- Lang. Arts 11
- RCC Humanities & RCC Composition I
- CFO

SENIOR REQUIRED COURSE **OPTIONS**

- · Lang. Arts 12 Standard
- Lang. Arts 12
- **RCC Speech**
- CEO

- Int. Algebra Standard
- Int. Algebra
- Adv. Geometry
- Honors Algebra II
- Geometry
- Honors Algebra II
- Honors Pre-Calc
- Algebra II
- Honors Pre-Calc
- AP Calc AB
- College Algebra Prep
- Stats & Functions
- Pre-Calc
- RCC College Algebra
- **RCC Pre-Calc**
- AP Calc AB
- AP Stats & Functions
- Calc BC

- World History
- AP World History
- Human Geography
- AP Human Geography
- **United States History**
- RCC/AP History 1001 & 1002
- Introduction to US Politics & Government
- **Economics**
- **RCC** Introduction to US Politics & Government
- RCC State & Local Government
- **RCC Micro-Economics**

3 CR. REQ.

REQUIREMENTS

- Integrated Science
- **Honors Biology**
- Honors Integrated Science
- Biology
- Chemistry
- **Honors Chemistry**
- **Food Chemistry**
- **Physics**
- **AP Physics**

- Anatomy & Physiology
- **AP Biology**

VISUAL AND PERFORMING ARTS - 1 CREDIT REQUIRED FOR GRADUATION

- Art and Music options
- Digital Media Creation

Personal Finance (Class of 2028 and beyond)

HEALTH - 0.5 CREDIT REQUIRED FOR GRADUATION

Health

PHYSICAL EDUCATION - 1 CREDIT REQUIRED FOR GRADUATION

Physical Education options

ELECTIVES - 7 CREDITS REQUIRED FOR GRADUATION FOR CLASS OF 2028 AND BEYOND

- Select from universal electives or courses within pathways
- Additional electives in Visual & Performing Arts and Physical Education beyond graduation requirements fulfill general elective
- World Language credits are not required for graduation, but two years or more may be required for college admission.
- All 9th grade students are **REQUIRED** to take the Packer Profile Seminar.







All of the following courses can be used to meet graduation requirements.

To view the description, background for success, and prerequisites for each course, please visit the Course Information Guide at https://ahs.austin.k12.mn.us/course-information-guide.

SPECIAL EDUCATION course selections will be made in conjunction with IEP Case Manager, student, and families.

Students are placed in EL courses based on ACCESS scores, STAR360 (Reading and Math) scores, and teacher recommendations.

LANGUAGE ARTS

Grade	Course #		Course Title	Prerequisite	Credit
9	905101/905102		Language Arts 9 Standard	Yes	1.0/year
9	905121/905122	MCA4	Language Arts 9	No	1.0/year
9	905141/905142	мсда	Honors Language Arts 9	No	1.0/year
10	905111/905112		Language Arts 10 Standard	Yes	1.0/year
10	905131/905132	MCAA	Language Arts 10	Yes	1.0/year
10	905151/905152	мсда	Honors Language Arts 10	Yes	1.0/year
11	905161/905162		Language Arts 11 Standard	Yes	1.0/year
11	905171/905172	мсда	Language Arts 11	Yes	1.0/year
11-12	905205	NCAA (RCC Humanities	Yes	0.75/sem
11-12	905224	NCAA	RCC Composition I	Yes	0.75/sem
11-12	905226	MCAD (RCC Composition II	Yes	0.75/sem
11-12	905211/905212		Creating Entrepreneurial Opportunities	Yes	1.0/year
12	905181/905182		Language Arts 12 Standard	Yes	1.0/year
12	905191/905192	МСДА	Language Arts 12	Yes	1.0/year
12	905243	MCAD (RCC Fundamentals of Speech	Yes	0.75/sem

MATHEMATICS

Grade	Course Number	Course Title	Prerequisite	Credit
9	911103/911104	🍛 🛮 Intermediate Algebra Standard	Yes	1.0/year
9	911121/911122	Intermediate Algebra	No	1.0/year
9-11	911201/911202	Geometry	Yes	1.0/year
9-10	911211/911212	Advanced Geometry	Yes	1.0/year
9-11	911321/911322	😞 🛮 Honors Algebra II	Yes	1.0/year
10-12	911301/911302	😞 Algebra II	Yes	1.0/year
10-12	911401/911402	Pre-Calculus	Yes	1.0/year
10-12	911421/911422	Honors Pre-Calculus	Yes	1.0/year
11-12	911441/911442	🧫 🦁 AP Calculus AB	Yes	1.0/year
11-12	911501/911502	Statistics & Functions	Yes	1.0/year
11-12	911381	🧫 💗 RCC College Algebra	Yes	0.75/sem
11-12	911431	🧓 💗 RCC Pre-Calculus	Yes	0.75/sem
12	911461/911462	🧫 🦁 AP Calculus BC	Yes	1.0/year
12	911521/911522	👝 <section-header></section-header>	Yes	1.0/year
12	911561/911562	College Algebra Prep	Yes	1.0/year





2. CORE COURSES

SCIENCE

Grade	Course Number	Course Title	Prerequisite	Credit
9	913131/913132	Integrated Science	No	1.0/year
9	919141/91942	Honors Integrated Science	No	1.0/year
9-10	913221/913222	Honors Biology	Yes	1.0/year
10	913201/913202	Biology	Yes	1.0/year
10-12	913301/913302	Chemistry	Yes	1.0/year
10-12	913321/913322	Honors Chemistry	Yes	1.0/year
10-12	913401/913402	Physics	Yes	1.0/year
10-12	913441/913442	😞 💗 AP Physics I	Yes	1.0/year
11-12	920201/920202	Food Chemistry	Yes	1.0/year
11-12	913511/913512	Anatomy & Physiology	Yes	1.0/year
12	913241/913242	😞 💗 AP Biology	Yes	2.0/year
11-12	913507	Forensic Science	Yes	0.5/sem.
11-12	920205	RCC Principals of Food Science	Yes	0.5/sem.



SOCIAL STUDIES

SOUTH	OTODILO			
Grade	Course Number	Course Title	Prerequisite	Credit
9	915203/915204	World History	No	1.0/year
9	915223/915224	AP World History	No	1.0/year
9-12	915401	Criminal Justice	No	0.5/sem.
10	915225	Human Geography	Yes	0.5/sem.
10	915226	😞 💗 AP Human Geography	Yes	0.5/sem.
10-12	915402	Psychology	No	0.5/sem.
10-12	915403	Sociology	No	0.5/sem.
10-12	915415	Investigating World Problems & Proposing Solutions	No	0.5/sem.
10-12	915411	The World at War: A Military & Social History of WWII	No	0.5/sem.
11	919151/919152	US History	Yes	1.0/year
11-12	915181	RCC/AP History: US History: Colonial Period to 1877	Yes	0.75/sem.
11-12	915182	RCC/AP History: US History: 1877 to Present	Yes	0.75/sem
12	915301	Intro to US Politics & Government	Yes	0.5/sem
12	915302	🧓 🎅 Economics	Yes	0.5/sem
12	915321	RCC Intro to US Politics & Government	Yes	0.75/sem
12	915331	🧽 💗 RCC State & Local Government	Yes	0.75/sem
12	915322	⊕ RCC Microeconomics	Yes	0.75/sem



COURSE ADDENDUM



SPECIAL EDUCATION COURSES

Special Education course selections will be made in conjunction with IEP Case Manager, student, and families.

LANGUAGE ARTS

- Transitional Life Skills
- Essentials of Reading Comprehension (2 hour block)
- Essentials of Language Arts (9-12)
- Skills Language Arts 9 Standard
- Skills Language Arts 10 Standard

MATH

- Transitional Life Skills
- · Essentials of Consumer Math
- Essentials of Algebra I
- Essentials of Algebra II
- · Essentials of Geometry
- · Skills Intermediate Algebra

Social Studies

- · Skills Intro to U.S. Politics and Government
- Skills Economics

Physical Education

• Unified Physical Education

Electives

- Essentials of Interpersonal Communications
- · Essentials of Executive Functioning
- Essentials of Job Skills PAES Lab
- Essentials of Job Skills Community Experience

ENGLISH LANGUAGE LEARNER COURSES

Students are placed in EL courses based on ACCESS scores, STAR360 (Reading and Math) scores, and teacher recommendations.

LANGUAGE ARTS

- EL Beginner Language Arts
- EL Intermediate Language Arts
- EL Advanced Intermediate Language Arts
- EL Advanced Language Arts

MATH

- EL Intermediate Algebra
- EL Geometry
- EL Algebra II

SCIENCE

- EL Integrated Science
- EL Biology
- EL Everyday Chemistry

Social Studies

- EL World History
- EL Human Geography
- EL US History
- EL American Government
- EL Economics

Electives

• EL Algebra





3. ELECTIVE COURSES



Austin High School offers the following elective courses. Additionally, Art and Music courses beyond the listed graduation requirements would count toward general electives.

To view the description, background for success, and prerequisites for each course, please visit the Course Information Guide at https://ahs.austin.k12.mn.us/course-information-guide.

AGRICULTURE FOOD AND NATURAL RESOURCES (AFNR)

Grade	Course #	Course Title	Prerequisite	Credit
	920101/920102	Intro to AFNR	No	1.0/year
9-12	920113	Small Animal Care & Management	No	0.5/sem.
	920125	Wildlife Management	No	0.5/sem.
10-12	920103	AFNR Issues & Leadership	No	0.5/sem.
	920126	Floral Design	No	0.5/sem.
10-12	920111/920112	Animal Science	No	1.0/year
	920121	Landscaping	No	0.5/sem.
10-12	920123/920124	Plant Science	No	1.0/year
	920201/920202	Food Chemistry	Yes	1.0/year
11-12	920105	RCC Intro to AFNR	Yes	0.75/sem.
11-12	920205	RCC Principles of Food Science	Yes	1.0/sem.

ART

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	902401	Studio Art	No	0.5/sem
10-12	902434	Drawing II	Yes	0.5/sem
10-12	902432	Painting I	Yes	0.5/sem
10-12	902433	Painting II	Yes	0.5/sem
10-12	902402	3D Design I	Yes	0.5/sem
10-12	902403	3D Design II	Yes	0.5/sem
10-12	902501	Photography I	No	0.5/sem
10-12	902502	Photography II	Yes	0.5/sem
12	902461	Senior Art	No	0.5/sem

BUSINESS

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	914201	Intro to Business & Marketing	No	0.5/sem.
10-12	914101	Accounting	No	0.5/sem.
11-12	914205/914206	Management & Marketing II	Yes	1.0/year
11-12	914401	Personal Finance	No	0.5/sem.
12	914209	Mentorship	No	0.5/sem.
12	917101/917102	Work-Based Learning - Seminar	Yes	1.0/year
12	917121/917122	Work-Based Learning - OJT	Yes	1.0/year
10-12	914203/914204	Marketing & Sales I	No	1.0/year





3. ELECTIVE COURSES

COMPUTER SCIENCE

Grade	Course Number	Course Title	Prerequisite	Credit
9-12	910660	Exploring Computer Science	No	0.5/sem.
10-12	910665/910666	AP Computer Science Principles	No	1.0/year
9-12	910671	Cybersecurity	No	0.5/sem.
10-12	910675	Video Game Design	No	0.5/sem.
10-12	910667/910668	AP Computer Science A	Yes	1.0/year

FAMILY AND CONSUMER SCIENCE

Grade	Course Number	Course Title	Prerequisite	Credit
9-10	909311	Exploring the Real World	No	0.5/sem.
9-12	909101	Intro to Foods	No	0.5/sem.
9-12	909201	Child Development	No	0.5/sem.
9-12	909202	Working With Young Children	No	0.5/sem.
9-12	909331	Interior Design	No	0.5/sem.
10-12	909111/909112	ProStart I	Yes	1.0/year
11-12	909115/909116	ProStart II	Yes	1.0/year
11-12	909326	RCC Education Foundations	Yes	0.75/sem.
11-12	909325	RCC Multicultural Education & Diversity	Yes	0.75/sem.
9-12	909321	Life Skills	No	0.5/sem.

INDUSTRIAL TECHNOLOGY

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Grade	Course Number	Course Title	Prerequisite	Credit
9-12	910401	Welding & Fabrication	No	0.5/sem.
9-12	910131/910132	Intro to Engineering Design (PLTW)	No	1.0/year
9-12	910201	* Intro to Automobiles I	No	0.5/sem.
9-12	910221	Small Engines I	No	0.5/sem.
9-12	910301/910302	Woodworking Tech I	No	1.0/year
9-12	910351/910352	Basic Building Construction I	No	1.0/year
10-12	910133/910134	Principles of Engineering (PLTW)	Yes	1.0/year
10-12	910407	**RCC Arc Welding	Yes	1.25/sem.
10-12	910311/910312	Woodworking Tech II	Yes	1.0/year
10-12	910353/910354	Basic Building Construction II	Yes	1.0/year
11-12	910321/910322	Woodworking Tech III	Yes	1.0/year
10-12	910408	**RCC Wire Feed Welding	Yes	1.25/sem.

^{*} Recommended to have a vehicle to work on

MUSIC

Grade	Course Number	Course Title	Prerequisite	Credit
9-10	902111	Beginning Band	No	0.5/sem.
9	902121/902122	Concert Band	Yes	1.0/year
9	902301/902302	Prep Orchestra	Yes	1.0/year
9-12	902201/902202	Mixed Choir	Yes	1.0/year
10-12	902131/902132	Symphonic Band	Yes	1.0/year
10-12	902141/902142	Wind Ensemble	Yes	1.0/year
10-12	902221/902222	Treble Choir	Yes	1.0/year
10-12	902241/902242	Concert Choir	Yes	1.0/year
10-12	902321/902322	Concert Orchestra	Yes	1.0/year
10-12	902341/902342	Symphony Orchestra	Yes	1.0/year
11-12	902021	History of Rock & Roll	No	0.5/sem



^{** 2} period block class



3. ELECTIVE COURSES

MEDIA ARTS

Grade	Course Number	Course Title	Prerequisite	Credit
10-12	910621/910622	Channel 4 News	No	0.5/sem
9-12	910605	Digital Media Creation	No	0.5/sem
10-12	910601	Digital Video Production	No	0.5/sem
11-12	910641/910642	Yearbook	No	1.0/year

PHYSICAL FITNESS AND HEALTH

Grade	Course #	Course Title	Prerequisite	Credit
9	908201	Foundations of Personal Fitness	No	0.5/sem.
9-12	908101	Health	No	0.5/sem.
10-12	908221/908222	Strength Training	Yes	0.5/sem.
10-12	908223/908224	Packer Fitness Club	Yes	0.5/sem.
10-12	908225/908226	Team & Individual Sports	Yes	0.5/sem.
11-12	908211	Unified Physical Education	Yes	0.5/sem.
10-12	908215	*Unified Mentorship	No	0.5/sem.

^{*} Elective Credit Only

WORLD LANGUAGE

Grade	Course Number		Course Title	Prerequisite	Credit
9-12	906101/906102	NCAA	French I	No	1.0/year
9-12	906201/906202	NCAA	Spanish I	No	1.0/year
9-12	906221/906222	МСАЛ	Spanish II	Yes	1.0/year
9-12	906291/906292	мсал	Heritage Spanish I	Yes	1.0/year
9-12	906293/906294	NCAR	Heritage Spanish II	Yes	1.0/year
9-12	906301/906302	МСДА	AP Spanish Language & Culture	Yes	1.0/year
9-12	906121/906122	NCAR	French II	Yes	1.0/year
9-12	906241/906242	NCAA	Spanish III	Yes	1.0/year
9-12	906141/906142	МСАЛ	French III	Yes	1.0/year
9-12	906161/906162	мсал	French IV	Yes	1.0/year
9-12	906261/906262	NCAR	Spanish IV	Yes	1.0/year
9-12	906281/906282	мсал	Spanish V	Yes	1.0/year
9-12	906321		Exploring Language & Cultures	No	0.5/sem

UNIVERSAL ELECTIVES

Grade	Course Number	Course Title	Prerequisite	Credit
9	989261/989262	Packer Profile Seminar (Grade 9 Requirement)	No	1.0/year
9-12	989221/989222	Austin REACH	Yes	0.5/sem.
12	989201/989202	Independent Study	Yes	0.5/sem.
10-12	999500	PSEO	Yes	0/sem.
12	989203/989204	Student Aide	Yes	0/sem.
9-12	989205/989206	Study Hall	No	0/sem.





NOT SURE WHAT CAREER IS RIGHT FOR YOU?

Complete the interest surveys in SchooLinks to help you decide.

Do you like to perform in front of an audience? Do you enjoy working with other people? Does computer animation interest you? Are you good at working with numbers? Are you visually oriented? Do you like to plan and organize activities? Do you speak well and have a good vocabulary? Do you like public speaking or debating? Do you have a good sense of color, balance, and proportion? Do you like to work under pressure? Do you like to write short stories? Do you enjoy giving presentations? Do you like to sing in a choir? Do you enjoy helping people make up their minds? Do you like to use your imagination to create things? Do you like to lead others? If so, Arts and Communication may be the Career If so, Business may be the Career Pathway for you! Pathway for you! Do you enjoy helping people? Do you often observe and note the buildings around you? Can you work fast in an emergency? Do you like to work with your hands? Are science classes your favorite? Do you like to create models or make designs? Do you help friends with their personal problems? Do you like to work both alone and with others? Are you a good listener? Can you explain or visualize how a machine works? Do you care about people and want to help in some way? Do you want to know how things work? Do you like to work with technology? Are you patient? Are you able to work under pressure? Do you enjoy working with computers? If so, Education, Health Sciences, and Human If so, Engineering, Manufacturing, and Technology Services may be the Career Pathway for you! may be the Career Pathway for you! Do you enjoy working with animals?





be the Career Pathway for you!

Do you have a green thumb?

Do you like physical activity?

Are you interested in working outdoors?

Do you want to learn more about how things grow?

☐ Would you like to work to protect the environment?☐ Would you like to learn about chemical compounds?☐ Would you like to find new sources of energy?

If so, Agriculture, Food, and Natural Resources may

AGRICULTURE, FOOD, & NATURAL RESOURCES



ENGINEERING, MANUFACTURING, & TECHNOLOGY



EDUCATION, HEALTH SCIENCES, & HUMAN SERVICES



ARTS & COMMUNICATION



The Agriculture Science, Food, and Natural Resources (AFNR) Career Pathway includes courses focused on improving the quality and safety of food, cultivating and preserving our natural resources, and caring for animals.



AGRICULTURE, FOOD, & NATURAL RESOURCES (AFNR)

Course Number	Course Title	Level	Prerequisite	Credit
920101/920102	Introduction to AFNR	Introductory	No	1.0/year
920113	Small Animal Care & Management	Introductory	No	0.5/sem.
920125	Wildlife Management	Introductory	No	0.5/sem.
920121	Landscaping	Introductory	No	0.5/sem.
920103	AFNR Issues & Leadership	Intermediate	No	0.5/sem.
920126	Floral Design	Intermediate	No	0.5/sem.
920201/920202	*** Food Chemistry	Intermediate	Yes	1.0/year
920111/920112	* Animal Science	Advanced	No	1.0/year
920123/920124	** Plant Science	Advanced	No	1.0/year
920105	AFNR	Advanced	Yes	0.75/sem.
920205	RCC Principles of Food Science	Advanced	Yes	1.0/sem.

RELATED ELECTIVE COURSES

- Intro to Foods
- Intro to Business
- Marketing & Sales
- Mentorship
- World Language
- Welding & Fabrication

 * Offered 2025-2026, NOT 2024-2025

** Offered 2024-2025, NOT 2025-2026 *** Fulfills Chemistry requirement

- Prostart I & II
- Small Engines
- Intro to Automobiles
- Basic Building Construction
- Anatomy & Physiology
- AP Biology



- Marketing Manager
- Veterinarian
- Food Lab Technician
- Environmental Engineer
- Dairy Commodity Trader
- Wind Turbine Technician





The Business Career Pathway helps students explore careers and provide authentic learning experiences in planning, organizing, directing and evaluating functions essential to running an efficient and productive business.



BUSINESS MANAGEMENT & ADMINISTRATION

Course Number	Course Title	Level	Prerequisite	Credit
914201	Intro to Business & Marketing	Introductory	No	0.5/sem.
914203/914204	Marketing & Sales I	Intermediate	No	1.0/year
914401	Personal Finance & Money Management	Intermediate	No	0.5/sem.
905211/905212	CEO	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSE

- World Language
- ProStart I & II
- Management & Marketing II

FINANCE

Course Number	Course Title	Level	Prerequisite	Credit
914201	Intro to Business & Marketing	Introductory	No	0.5/sem.
914101	Accounting	Intermediate	No	0.5/sem.
914203/914204	Marketing & Sales I	Intermediate	No	1.0/year
914401	Personal Finance & Money Management	Intermediate	No	0.5/sem.
905211/905212	CEO	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- · World Language
- Cybersecurity
- Investigating World Problems & Proposing Solutions



- Purchasing Managers
- Project Management Specialists
- Customer Service Representatives
- Secretaries and Administrative Assistants
- **HR Managers**
- Accountants
- Auditors
- Claims Adjustors
- Financial Managers
- Loan Officers







HOSPITALITY

Course Number	Course Title	Level	Prerequisite	Credit
914201	Intro to Business & Marketing	Introductory	No	0.5/sem.
909101	Intro to Foods	Introductory	No	0.5/sem.
909311	Exploring the Real World	Introductory	No	0.5/sem.
914203/914204	Marketing & Sales I	Intermediate	Yes	1.0/year
909111/909112	ProStart I	Intermediate	Yes	0.5/sem.
909115/909116	ProStart II	Intermediate	Yes	0.5/sem.
920201/920202	Food Chemistry	Intermediate	Yes	1.0/year
920126	Floral Design	Intermediate	No	0.5/sem.
905211/905212	CEO	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- World Language
- Psychology

- Sociology
- Investigating World Problems & Proposing Solutions

MARKETING & SALES

Course Number	Course Title	Level	Prerequisite	Credit
914201	Intro to Business & Marketing	Introductory	No	0.5/sem.
914101	Accounting	Intermediate	No	0.5/sem.
914203/914204	Marketing & Sales I	Intermediate	No	1.0/year
914205/914206	Management & Marketing II	Intermediate	No	1.0/year
914401	Personal Finance & Money Management	Intermediate	No	0.5/sem.
905211/905212	CEO	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- 3D Design I/II
- Drawing I/II
- Photography I/II
- Digital Media Creation

- Psychology
- Sociology I/II
- Investigating World Problems & Proposing Solutions



- Food Service Managers
- Recreation Workers
- Cooks
- Janitors/Cleaners
- Meeting, Convention, & Event Planners
- Sales Representatives
- Marketing Managers
- Buyers & Purchasing Agents
- Market Research Analysts



The Engineering, Manufacturing, and Computer Science Career Pathway exposes students to careers and experiences that develop tools and or integrate machinery to put in place effective manufacturing processes. This pathway includes courses in the rapidly changing field of computer science.



CONSTRUCTION

Course Number	Course Title	Level	Prerequisite	Credit
920121	Landscaping	Introductory	No	0.5/sem.
910351/910352	Basic Building Construction I	Introductory	No	1.0/year
910301/910302	Woodworking Tech I	Introductory	No	1.0/year
910131/910132	Intro To Engineering Design	Introductory	No	1.0/year
910353/910354	Basic Building Construction II	Intermediate	Yes	1.0/year
910311/910312	Woodworking Tech II	Intermediate	Yes	1.0/year
910133/910134	Principles of Engineering	Intermediate	Yes	1.0/year
910321/910322	Woodworking Tech III	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- Mentorship
- World Language

- Drawing II
- 3D Design I/II

MANUFACTURING & POWER SYSTEMS

Course Number	Course Title	Level	Prerequisite	Credit
910201	Intro to Automobiles I	Introductory	No	0.5/sem.
910221	Small Engines I	Introductory	No	0.5/sem.
910401	Welding & Fabrication	Introductory	No	0.5/sem.
910407	RCC Arc Welding	Advanced	Yes	0.75/sem.
910408	RCC Wire Feed Welding	Advanced	Yes	0.75/sem.
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RELATED ELECTIVE COURSES

- Mentorship
- World Language



- Electricians
- Construction Laborers
- Construction Managers
- Plumbers and Pipefitters
- Industrial & Mechanical Engineers
- Welders, Cutters, and Solderers
- Industrial Machinery Mechanics





TECHNOLOGY & ENGINEERING

Course	Number	Cour	se Title		Level	Prerequisite	Credit
910351	/910502	Basic	Building Construction	1	Introductory	No	1.0/year
910131	/910132	Intro	to Engineering Design		Introductory	No	1.0/year
910	660	Explo	ring Computer Scienc	е	Introductory	No	0.5/sem.
910	671	Cybe	rsecurity		Introductory	No	0.5/sem.
910353	/910354	Basic	Building Construction	II	Intermediate	Yes	1.0/year
910133	/910134	Princ	ples of Engineering		Intermediate	No	1.0/year
910665	/910666	🕏 AP Co	omputer Science Princ	iples	Intermediate	No	1.0/year
913441	/913442	🗪 🤤 AP Ph	nysics		Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- Mentorship
- World Language

- Drawing II
- 3D Design I/II

COMPUTER SCIENCE

Course Number	Course Title	Level	Prerequisite	Credit
910660	Exploring Computer Science	Introductory	No	0.5/sem.
910671	Cybersecurity	Introductory	No	0.5/sem.
910601	Digital Video Production	Introductory	No	0.5/sem.
910605	Digital Media Creation	Introductory	No	0.5/sem.
910675	Video Game Design	Intermediate	No	0.5/sem.
910665/910666	AP Computer Science Principles	Intermediate	No	1.0/year
913441/913442	♠ ♦ AP Physics	Advanced	Yes	1.0/year
910667/910668	AP Computer Science A	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

- Mentorship
- World Language



- Electrical and Civil Engineers
- Architectural and Engineering Managers
- Calibration Technologists
- Statisticians
- Computer Systems
 Analysts
- Software Developer
- Computer and Information Systems Manager
- Information Security Analyst





EDUCATION, HEALTH SCIENCES, & HUMAN SERVICES

The Education, Health Science, and Human Services Career Pathway exposes students to careers and experiences that support and improve safety and well-being based on the needs of individuals, families and communities.



EDUCATION

Course Number	Course Title	Level	Prerequisite	Credit
909201	Child Development	Introductory	No	0.5/sem.
909202	Working With Young Children	Introductory	No	0.5/sem.
908211	Unified Physical Education	Introductory	No	0.5/sem.
915402	Psychology	Intermediate	No	0.5/sem.
915403	Sociology	Intermediate	No	0.5/sem.
909326	RCC Education Foundations	Advanced	Yes	0.75/sem.
909325	RCC Multicultural Education & Diversity	Advanced	Yes	0.75/sem.

RELATED ELECTIVE COURSES

- World Language
- Mentorship

- Investigating World Problems & Proposing Solutions
- Unified Mentorship

HEALTH

Course Number		Course Title		Level	Prerequisite	Credit	
909201		Child Development		Introductory	No	0.5/sem.	
920201/920202		Food Chemistry		Introductory	Yes	1.0/year	
913511/913512	NCAD.	Anatomy & Physiology		Introductory	Yes	1.0/year	
915402	NCAD.	Psychology		Intermediate	No	0.5/sem.	
908221/908222		Strength Training		Intermediate	Yes	1.0/year	
908223/908224		Packer Fitness Club		Intermediate	Yes	1.0/year	
908225/908226		Team & Individual Sports		Intermediate	Yes	1.0/year	
913241/913242	(AP Biology		Advanced	Yes	1.0/year	
DEL ATED EL FOTIVE COURSES							

RELATED ELECTIVE COURSES

- World Language
- Mentorship
- Forensic Science

- Investigating World Problems & Proposing Solutions
- Unified Mentorship



- Teachers
- Teachers Assistants
- Health Education
 Specialists
- Coaches and Scouts
- Instructional Coordinators
- Nurses
- Home Health and Personal Care Aides
- Medical Assistants
- Physician Assistants
- EMT





EDUCATION, HEALTH SCIENCES, & HUMAN SERVICES



HUMAN SERVICES

Course Number		Course Title	Level	Prerequisite	Credit
909201		Child Development	Introductory	No	0.5/sem.
909202		Working With Young Children	Introductory	No	0.5/sem.
915401	MCAA	Criminal Justice	Introductory	Yes	1.0/year
915404	MCAA	Inv. World Problems & Proposing Solutions	Introductory	No	0.5/sem.
908211		Unified Physical Education	Introductory	Yes	1.0/year
909311		Exploring The Real World	Introductory	Yes	1.0/year
915402	MCAA	Psychology	Intermediate	Yes	1.0/year
915403		Sociology	Intermediate	Yes	1.0/year
909326	9	RCC Education Foundations	Advanced	Yes	0.75/sem.
909325	<u></u>	RCC Multicultural Education & Diversity	Advanced	Yes	0.75/sem.

RELATED ELECTIVE COURSES

- World Language
- Mentorship
- Forensic Science

- Investigating World Problems & Proposing Solutions
- Unified Mentorship



- Substance Abuse and Mental Health Counselors
- Social Workers
- Interpreters and Translators





The Arts and Communication Career Pathway explores careers and experiences in visual and performing arts, journalism, and broadcasting that help connect people and organizations in a variety of ways.



ARTS, AUDIO/VISUAL, TECHNOLOGY

Course Number	Course Title	Level	Prerequisite	Credit
902111	Beginning Band	Introductory	No	0.5/sem.
910660	Exploring Computer Science	Introductory	No	0.5/sem.
910605	Digital Media Creation	Introductory	No	0.5/sem.
910601	Digital Video Production	Introductory	No	0.5/sem.
902401	Studio Art	Introductory	No	0.5/sem.
902021	History of Rock & Roll	Introductory	No	0.5/sem.
902301/902302	Prep Orchestra	Introductory	No	1.0/year
902121/902122	Concert Band	Introductory	No	1.0/year
902201/902202	Mixed Choir	Introductory	No	1.0/year
910675	Video Game Design	Intermediate	No	0.5/sem.
902434	Drawing II	Intermediate	Yes	0.5/sem.
902402	3D Design I	Intermediate	Yes	0.5/sem.
902501	Photography I	Intermediate	No	0.5/sem.
902432	Painting I	Intermediate	Yes	0.5/sem.
909331	Interior Design	Intermediate	No	0.5/sem.
910621/910622	Channel 4 News	Intermediate	No	1.0/year
902321/902322	Concert Orchestra	Intermediate	Yes	1.0/year
902131/902132	Symphonic Band	Intermediate	Yes	1.0/year
902221/902222	Treble Choir	Intermediate	Yes	1.0/year
902403	3D Design II	Advanced	Yes	0.5/sem.
902502	Photography II	Advanced	Yes	0.5/sem.
902433	Painting II	Advanced	Yes	0.5/sem.
902461	Senior Art	Advanced	No	0.5/sem.
910641/910642	Yearbook	Advanced	No	1.0/year
902241/902242	Concert Choir	Advanced	Yes	1.0/year
902341/902342	Symphony Orchestra	Advanced	Yes	1.0/year
902141/902142	Wind Ensemble	Advanced	Yes	1.0/year

RELATED ELECTIVE COURSES

World Language
 Mentorship



- Interior Designers
- Photographers
- Audio and Video Technicians
- Music Therapy
- Digital Design
- Web Design
- Graphic Design





ARTS & COMMUNICATION



COMMUNICATIONS

Course Number		Course Title		Level	Prerequisite	Credit	
910605		Digital Media Creation		Introductory	No	0.5/sem.	
906321		Exploring Languages & Cultures		Introductory	No	0.5/sem.	
906101/906102	NCAA	French I		Introductory	No	1.0/year	
906201/906202	NCAA	Spanish I		Introductory	No	1.0/year	
906291/906292	NCAA	Heritage Spanish I		Introductory	Yes	1.0/year	
910601		Digital Video Production		Intermediate	No	0.5/sem.	
910621/910622		Channel 4 News		Intermediate	No	1.0/year	
906121/906122	NCAD.	French II		Intermediate	Yes	1.0/year	
906221/906222	NCAP	Spanish II		Intermediate	Yes	1.0/year	
906293/906294	NCAP	Heritage Spanish II		Intermediate	Yes	1.0/year	
906141/906142	NCAM	French III		Advanced	Yes	1.0/year	
906161/906162	NCAD .	French IV		Advanced	Yes	1.0/year	
906241/906242	NCAD .	Spanish III		Advanced	Yes	1.0/year	
906261/906262	NCAD .	Spanish IV		Advanced	Yes	1.0/year	
906301/906302	<u></u> 😊	AP Spanish Language & Culture		Advanced	Yes	1.0/year	
910641/910642		Yearbook		Advanced	No	1.0/year	
RELATED ELECTIVE COURSES							

Mentorship



- Journalist (Print or News)
- Public Relations Specialist
- · Producers and Directors
- Music Management

