STEVENSON HIGH SCHOOL CAREER PATHWAYS

TABLE OF CONTENTS

Career Cluster

AGRICULTURE, FOOD & NATURAL RESOURCES

ARCHITECTURE, CONSTRUCTION & MANUFACTURING

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATION 3-5

BUSINESS MANAGEMENT, FINANCE & MARKETING

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

EDUCATION & TRAINING

HEALTH SCIENCE

1

2

6

8

9

13

14

HOSPITALITY & TOURISM 10

HUMAN SERVICES 11 12

LAW, PUBLIC SAFETY, SECURITY & GOVERNMENT

STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATH)

TRANSPORTATION, DISTRIBUTION & LOGISTICS



- Horticulture Club Animal Welfare Club Green Team Cultural Cuisine Club Breakfast with Books Food Revolution
- Bass Fishing Club Bird Watching Club World Cultures Clubs

Geography Club

More SHS Activities

SHS Career Exploration Naviance Occupational Outlook Handbook Work-Based Learning Opportunities O*NET: Agriculture Food & Natural Resources IL Pathways: Agriculture Food&Natural Resources

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: <u>www.d125.org/arts</u>

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

AGRICULTURE, FOOD & NATURAL RESOURCES

Cluster	Pathways			
Agriculture, Food & <u>Natural Res.</u>	Agribusiness Systems	Animal Systems	<u>Environmental Service</u> <u>Systems</u>	Power, Structural & Technical Systems
Agriculture, Food & Natural Res.	Food Products & Processing Systems	<u>Natural Resource</u> <u>Systems</u>	<u>Plant Systems</u>	
Nth	REQUIRED/RECOMMEN * English * Science * Mathematics * PE/Dance * Advisory * World His Geograph	 * Biology * Food & Nu * Chemistry 	CLASS CONSIDERA * Introdu utrition * World SUMMER CONSIDER	TIONS: uction to Business Language ATIONS: uction to Business
10+h	REQUIRED/RECOMMEN * English * Science * Mathematics * Health & PE/Dance	 Horticultur AP Human Global Rel Earth Scier 	a Geography + Gourn lations + Food & nce + Scienc	Preparation net Foods & Nutrition se Research Language
11th	REQUIRED/RECOMMEN * English * Science * Mathematics * PE/Dance * US History * Personal Finance OR Economic *Requirement may also be fulfilled during se *Personal Finance, Economics, AP Macroeco AP Microeconomics will satisfy this credit receiption	AP Chemis AP Chemis Introductic AP Enviror LAKE Machining Constructi Nomics, or Nuirement.	stry on to Business (<i>Freshmen & S</i> nmental Science (Seniors Onl COUNTY TECH CAMI Technology*** • Princip on Skills & Management 1/2*	y) PUS OPTIONS: bles of Biomed. Sci.***
12th	REQUIRED/RECOMMEN * English * Mathemat * Government * Science * PE/Dance* *Academic waiver available if taking 6 non-F	IDED: ics * Intro to Bio * <i>E classes.</i>	courses are only offered to	hadow/Volunteer

an de la companya de la comp



Architecture & Engineering	<u>g Club</u>
Girls in STEAM	Science REACH Club
Math Team	<u>Stevenson Backstage</u>
Patriot Theatre Company	TEAMS/ACES
Photography Studio	VEX Robotics Club
Physics Club	2D/3D Art Studio
More SHS Activities	World Cultures Clubs

Career Resources

SHS Career Ex	<u>ploration</u>	
<u>Naviance</u>		
Occupational (Outlook Handboo	<u>ok</u>
Work-Based Le	earning Opportur	<u>nities</u>
O*NET:	Architecture	Manufacturing
IL Pathways:	<u>Architecture</u>	Manufacturing

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: <u>www.d125.org/arts</u>

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

ARCHITECTURE, CONSTRUCTION & MANUFACTURING

Cluster		Pathways			
Architecture & Construction	<u>Construction</u>		<u>sign &</u> <u>nstruction</u>	Maintenance Operations	
<u>Manufacturing</u>	<u>Maintenan</u> Installation & I	- Process D	<u>evelopment</u>	Production	<u>n</u> <u>Quality Assurance</u>
<u>a</u>	REQUIRED/RE	COMMENDED:	CLA		DERATIONS:
	* English	* Science	 Architectural Des 		 Intro to Engineering-PLTW
	 Mathematics 	* PE/Dance	 Print Media 1/2 		 Digital Art & Design 1/2
			♦ Art & Design		Mixed Media
	 Advisory 	 World History & Geography 	 2-D Animation Metals & Jewelry 		 3-D Animation Entertain., Prod., & Design
9th		Geography	 Introduction to Bi 		World Language
			 Virtual & Augmen 		
			SUMI	MER CONS	SIDERATIONS: 🛛 🚪
			 Digital Art & Desi 	gn 1 🔹	 Introduction to Business
			 Art & Design 		 Theatre Arts
			 Part-Time Job 		Volunteer
		COMMENDED:			DERATIONS:
	 English 	 Science 	 Architectural Des Print Media 1/2 	0	Adv. Architectural Design
10th	 Mathematics 	 Health & 	 Art & Design 		 Intro to Engineering-PLTW Digital Art & Design 1/2
IUUI		PE/Dance	 Mixed Media 		 Metals & Jewelry
			 Interior Design 		Entertain., Prod., & Design
			 Entrepreneurship 2-D / 3-D Animati 		 Science Research AP Photo & Digital Design***
	REQUIRED/RE	COMMENDED:	 Adv. Photo & Dig 		AP Art History
	 English 	* Science	♦ Art History 1/2		🛛 Earth Science/ Dual Cred. 👘 🍟
	 Mathematics 	 PE/Dance 	 AP Physics 1 AP Physics 2*** 		AP Physics C***
44 +h	US History	1 2, 2 41100	 AP Physics 2*** Virtual & Augmen 		 World Language Data Science
			-		men & Sophomores Only)
	 Personal Finance (*Requirement may also be 		 Civil Engineering 		
		······································	 Computer Integra Engineering Desi 		
		ics, AP Macroeconomics, or	 AP Environmenta 		
		isfy this credit requirement.			CAMPUS OPTIONS:
		COMMENDED:	 Machining Technol 		 Welding Fabrication 1/2***
dOal	 English 	 Mathematics 	 Construction Skill 		
	 Government 	 Science 			SIDERATIONS:
	* PE/Dance*		∗ Digital Art & Desi	gn1 ∢	Art & Design
,	*Academic waiver available	e if taking 6 non-PE classes.	 Theatre Arts 	-	Job/Shadow/Volunteer
			***These course	es are only off	ered to juniors and seniors



Ambassador Yearbook	Patriot Theatre Company
2D/3D Art Studio	Scripts Studio
Calligraphy Club	<u>SHS TV</u>
Film Club	SHS Sports Broadcasting
Girls in STEAM	SNN: SHS Network News
Nat'l Art Honor Society	Statesman Newspaper
<u>Odyssey</u>	Stevenson Backstage
Photography Studio	<u>The WIT + The Half-Wit</u>
Poster Design Club	Write Club
Print Media Club	World Cultures Club
	More SHS Activities

Career Resources

SHS Career Exploration

<u>Naviance</u>

 Occupational Outlook Handbook

 Work-Based Learning Opportunities

 O*NET:
 Careers in Arts, A/V Tech, Comms

 IL Pathways:
 Careers in Arts, A/V Tech, Comms

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.dl25.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

Cluster	Pathways				
Arts, A/V Tech & Communications	Journalism & Broadcasting	Printing Techno		Telecommunications	
Santonia interessionations	REQUIRED/REC		and the second		SIDERATIONS:
9th	 English Mathematics 	 Science PE/Dance World History & Geography 	 Broadce Music F Game I Acting Motion Publication Art & D 	esign edia 1/2 imation listic Writing ast Journalism Production 1/2 Development 1/2 1/2 Graphics/Visual Effects tion Design/Production SUMMER COI resign	 Digital Art & Design 1/2 Photography 1/2 3-D Animation Adv. Journalistic Writing Web Development 1/2 Adv. Music Production Video Editing & Production Entertain., Prod., & Design Virtual & Augmented Reality World Language SIDERATIONS: Digital Art & Design 1
10th		Science Health & PE/Dance	* 2-D/3- * Journa * Broado	CLASS CON	 Part-Time Job/Volunteer SIDERATIONS: Digital Art & Design 1/2 Photography 1/2 AP Photo & Digital Design*** Science Research Adv. Journalistic Writing Web Development 1/2 Public Speaking
11th	Mathematics Mathematics US History Personal Finance O *Requirement may also be fu *Personal Finance, Economic. AP Microeconomics will satisf	 Science PE/Dance R Economics* Ifilled during senior year. s, AP Macroeconomics, or fy this credit requirement. 	 Acting 1/2 Entertain., Prod., & Desi Music Production 1/2 Adv. Music Production Data Science Creative Writing*** Video Editing & Product Motion Graphics/Visual Effects World Language Publication Design/Production Virtual & Augmented Reality Topics in Composition: Film Genres*** Topics in Composition: Media Analysis*** LAKE COUNTY TECH CAMPUS OPTIC Multimedia Design 1/2*** 	 Creative Writing Seminar*** Video Editing & Production World Language 	
12th	5	 Mathematics Government 	 Voluntee 	sign rt & Design 1 rr	 SIDERATIONS: Photography 1 Creative Writing Job Shadow/PT Job



Baroque Ensemble	Nothing But Treble
Choreography Club	<u>Odyssey</u>
Color Guard	Patriot Theatre Company
Dance Honor Society	Polyphonics
Flute Choir	Repertory Dance Company
<u>Guitar Club</u>	Tri-M Music Honor Society
Improv Comedy Team	<u>Scripts Studio</u>
Jazz Ensemble	Stevenson AMPlified
Low Frequency	<u>Stevenson Backstage</u>
Marching Band	Stevenson Peer Theatre
Melange Dance Company	World Cultures Clubs
International Thespian Ho	onor Society

Career Resources

SHS Career Exploration		
Naviance		
Occupational Outlook Handbook		
Work-Based Learning Opportunities		
O*NET:	Careers in Arts, A/V Tech, Comms	
<u>IL Pathways</u> :	Careers in Arts, A/V Tech, Comms	

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.dl25.org/academics/applied-arts

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

Cluster	Pathways			
Arts, A/V Tech & Communications	Performing Arts			
Sumania a later a same	and the second sec	A CALL CONTRACT		and the second second second second
R	REQUIRED/RE	COMMENDED:	THEATRE CLASS	CONSIDERATIONS:
*	English	 Science 	 Acting 1/2 	🔹 Entertainment, Prod &Design 🚪
*	Mathematics	 PE/Dance 	DANCE CLASS C	ONSIDERATIONS:
*	Advisory	 World History & 	* Dance 1/2/3/4	
		Geography	MUSIC CLASS C	ONSIDERATIONS:
9th			 Music Production 1/2 Guitar 1/2 Piano 1 Symphonic Band Adv. Symphonic Band 	 Adv. Music Production Patriot Guitar Ensemble Stevenson Singers Concert Orchestra Symphonic Orchestra
			 Freshman Band SHS 	Orchestra * Concert Band
			SUMMER CON	NSIDERATIONS:
			 Theatre Arts 	 Part-Time Job/Volunteer
R	REQUIRED/RE	COMMENDED:	THEATRE CLASS	CONSIDERATIONS:
	English Mathematics	 Science Health & PE/Dance 	 Entertainment Prod & Design Adv. Acting*** 	 Acting 1/2 Leadership in Theatre*** Directing the Actor***
		T E/Dunce	DANCE CLASS C	ONSIDERATIONS:
	REQUIRED/RE English	COMMENDED: * Science	 Dance 1/2/3/4 Ballet/Jazz Dance Leadership 	 ◆ Concert Dance ◆ Jazz Fusion
*	Mathematics	 PE/Dance 	MUSIC CLASS C	ONSIDERATIONS:
	US History Personal Finance Requirement may also be	OR Economics* fulfilled during senior year.	 Music Production 1/2 Guitar 1/2 Piano 1 Symphonic Band 	 Adv. Music Production Patriot Guitar Ensemble AP Music Theory Stevenson Singers
		nics, AP Macroeconomics, or	 Adv. Symphonic Band 	* Adv. SHS Chorus
1		tisfy this credit requirement.	 Honor Band Concert Orchestra 	 Patriot Singers Symphonic Orchestra
8		COMMENDED:	 Patriot Orchestra 	- July and a character
401	English	 Mathematics 	SUMMER CON	SIDERATIONS:
	PE/Dance* Academic waiver available	 Government if taking 6 non-PE classes. 	✤ Theatre Arts	✤ PT Job/Shadow/Volunteer
			***These courses are only o	offered to juniors and seniors

*Refer to the Coursebook for SHS graduation requirements



Ambassador Yearbook	Nat'l Art Honor Society
Art Club	Odyssey
2D/3D Art Studio	Patriot Theatre Company
Art From The Heart	Photography Studio
Calligraphy Club	Poster Design Club
<u>Film Club</u>	Print Media Club
Girls in STEAM	SHS Styler Fashion Club
In The Loop (Knitting)	<u>Stevenson Backstage</u>
More SHS Activities	World Cultures Clubs

Career Resources

SHS Career Exploration

<u>Naviance</u>

Occupational Outlook Handbook

Work-Based Learning Opportunities

O*NET:Careers in Arts, A/V Tech, CommsIL Pathways:Careers in Arts, A/V Tech, Comms

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

Cluster	Pathways	
Arts, A/V Tech & Communications	<u>Visual Arts</u>	
d 3 water in a later of the second second		ne in the second construction of the second cons
*	REQUIRED/RECOMMENDED:English* ScienceMathematics* PE/DanceAdvisory* World History & Geography	CLASS CONSIDERATIONS: * Art & Design * Drawing * Painting * Mixed Media * Ceramics * Sculpture * Metals/Jewelry * 2-D Animation * 3-D Animation * Print Media 1/2 * Web Dev 1/2 * Game Dev 1/2 * Photography 1/2 * Digital Art & Design 1/2 * Video Editing & Production * Clothing & Design 1/2 * Virtual & Augmented Reality * World Language SUMMER CONSIDERATIONS: * Digital Art & Design 1 * Art & Design * Digital Art & Design 1 * Photography 1 * Part-Time Job/Volunteer
*	REQUIRED/RECOMMENDED: English * Science Mathematics * Health & PE/Dance	CLASS CONSIDERATIONS:* Art & Design* Drawing* Painting* Mixed Media* Ceramics* Sculpture* Metals/Jewelry* 2-D Animation* 3-D Animation* Print Media 1/2* Web Dev 1/2* Game Dev 1/2* Adv. 3-D Art* Data Science* Art Hist. 1/2/AP* Photography 1/2* Adv. Photo & Digital Design* AP Photo & Digital Design**** Adv. Ceramics, Met. & Sculpt.
11th	REQUIRED/RECOMMENDED: • English Science Mathematics PE/Dance • US History • Personal Finance OR Economics* Requirement may also be fulfilled during senior year.	 Video Editing & Production Digital Art & Design 1/2 Entertain., Prod., & Design Motion Graphics/Visual Effects Anatomy & Physiology*** Clothing & Design 1/2 Adv. Drawing/Painting/Mixed Media AP Art: Drawing/2-D/3-D Design*** Virtual & Augmented Reality Science Research Topics in Composition: Media Analysis & Film Genres***
19th	Personal Finance, Economics, AP Macroeconomics, or IP Microeconomics will satisfy this credit requirement. REQUIRED/RECOMMENDED: • English • Mathematics • PE/Dance* • Government Academic waiver available if taking 6 non-PE classes.	LAKE COUNTY TECH CAMPUS OPTIONS: * Multimedia Design 1/2*** SUMMER CONSIDERATIONS: * Art & Design * Photography 1 * PT Job/Shadow/Volunteer
2-4 years of World Lar	nguage suggested f <u>or college/career op</u>	***These courses are only offered to juniors and seniors portunities: French/German/Hebrew/Latin/Mandarin/Spanish



Business Professionals of America (BPA)		
Future Business Leaders of America (FBLA)		
Family, Career & Community Leaders of America		
Debate Club	Poster Design Club	
Economics Club	Print Media Club	
Entrepreneurship Club	SHS Styler Fashion Club	
Photography Studio	Sports Analytics Club	
More SHS Activities World Cultures Clubs		

Career Resources

SHS Career Exploration

<u>Naviance</u>

Occupational Outlook Handbook				
Work-Based Learning Opportunities				
<u>O*NET:</u>	Business	Finance	<u>Marketing</u>	
IL Pathways: Business Finance Marketing				

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

BUSINESS MANAGEMENT, FINANCE & MARKETING

Cluster			Pathways		
<u>Business</u> <u>Management</u>	<u>Administrative</u> <u>Support</u>	<u>General</u> Management	<u>Human</u> <u>Resources</u>	Information Management	<u>Operations</u> <u>Management</u>
<u>Finance</u>	<u>Accounting</u>	Banking Services	Business Finance	Insurance	<u>Investments</u>
Marketing	<u>Communications</u>	Management	Merchandising	Professional Sales	<u>Research</u>

	here and the states	A MARCA MARCANT		and the second second second
	REQUIRED/RE	COMMENDED:	CLASS CONS	DERATIONS:
0th	 English Mathematics Advisory 	 Science PE/Dance World History & 	 Introduction to Business Photography 1/2 Print Media 1/2 World Language 	 Business Apps-Tech 1/2 Digital Art & Design 1/2 Acting 1/2
9th		Geography	5 5	ISIDERATIONS:
			 Introduction to Business Business Apps-Tech 1 Digital Art & Design 1 Part-Time Job 	 Careers in Business Photography 1 Theatre Arts Volunteer
	REQUIRED/RE	COMMENDED:	CLASS CONS	SIDERATIONS:
10th	 English Mathematics 	 Science Health & PE/Dance 	 Investment Management*** Accounting 1/2/ Adv. Entrepreneurship Business Law Marketing AP Microeconomics 	 Business Apps-Tech 1/2 Science Research AP Environmental Science Entrepreneurial Tactics*** Business of Fashion & Design Acting 1/2
	REQUIRED/RE	COMMENDED:	 AP Statistics 	* AP Macroeconomics
	 ✤ English ♦ Mathematics 	 Science PE/Dance 	 Data Science Photography 1/2 Print Media 1/2 	 Economics Adv. Photo & Digital Design AP Photo & Digital Design***
11th	 US History 		 Print Media 1/2 Digital Art & Design 1/2 Personal Finance 	 Public Speaking Data Science
	 Personal Finance (*Requirement may also be to 		 Dance Leadership 	Personal Finance (Online)World Language
	*Personal Finance, Econom	ics, AP Macroeconomics, or	 Introduction to Business (Fres. 	hmen & Sophomores Only)
	AP Microeconomics will sat	isfy this credit requirement.		ISIDERATIONS:
12th	REQUIRED/RE * English * PE/Dance*	COMMENDED: * Mathematics * Government	 Careers in Business Business Apps-Tech 1 Photography 1 Job Shadow/PT Job 	 Economics Digital Art & Design 1 Theatre Arts Volunteer
	*Academic waiver available			ffered to juniors and seniors



Computer Science Club	TEAMS/ACES
eSports Club	VEX Robotics Club
Girls in STEAM	Video Game Club
Physics Club	2D/3D Art Studio
More SHS Activities	World Cultures Clubs

Career Resources	
SHS Career Exploration	
<u>Naviance</u>	
Occupational C	<u> Dutlook Handbook</u>
Work-Based Learning Opportunities	
<u>O*NET:</u>	Careers in Information Tech
IL Pathways:	Careers in Information Tech

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Cluster	Pathways				
Information Technology	Information Support Services	<u>Network</u> Systems	<u>Programmi</u> Software Deve		Web & Digital Communications
Bartin Blatter Astron	Contract of the second second contract		And the stand	Toning alors -	and the second of
	REQUIRED/RECOMMEND	ED:	CLASS CON	SIDERATI	ONS:
	 English Mathematics PE/Dance Advisory World History Geography 	* Game * Virtua * Print N * 2-D A * Music	uter Prog 1 Development 1/2 I & Augmented Reality Aedia 1/2 nimation Production 1/2 Editing & Production	 Motion Gr Digital Art 3-D Anima 	elopment 1/2 raphics/Visual Effects : & Design 1/2 ation c Production
			SUMMER COI	NSIDERA	rions:
			uter Prog 1	* Digital Art	U (***
	REQUIRED/RECOMMEND	* Part-Ti	me Job	 Volunteer 	
	 English Science 		CLASS CON	SIDERATI	ONS:
	 Mathematics Health & PE/Dance 	 ◆ AP Cc ◆ Game ◆ Virtua ◆ Mobil 	uter Prog 1/2 mp Science Principles Development 1/2 I & Augmented Reality e App Development	 Web Deve Motion Gr Video Edition 	Science A elopment 1/2 raphics/Visual Effects ting & Production
	REQUIRED/RECOMMEND		Sci Algorithms /ledia 1/2	 Digital Art 3-D Anima 	: & Design 1/2
	* English * Science		nimation	* Data Scier	
	 Mathematics PE/Dance 		hoto & Digital Design		
	* US History		Production 1/2 lculus***	* Adv. Musi * World Lar	c Production
	 Personal Finance OR Economics* *Requirement may also be fulfilled during senior 	year.	KE COUNTY TEC aming & Cybersecurity		IS OPTIONS:
	Personal Finance, Economics, AP Macroeconom	ics, or 🔹 Comp	uter Support Services	**	1
	AP Microeconomics will satisfy this credit require		Programming & Virtua	lization***	2
	REQUIRED/RECOMMENDI		SUMMER CO		
	 English Mathematics PE/Dance* Government *Academic waiver available if taking 6 non-PE cla 	♦ PT Jol	uter Prog 1 5/Shadow	 Digital Art Volunteer 	U
		***TI	nese courses are only o	offered to ju	niors and seniors



Ambassador Yearbook	Operation Snowball
<u>Athletics</u>	Photography Studio
2D/3D Art Studio	Peer Helpers
Best Buddies	Peer Tutors
Catalyst Club	Poster Design Club
Intramurals	Print Media Club
Future Educators of America	World Cultures Clubs
Freshman Mentor Program (FMI	<u>)</u>
Family, Career & Community Lea	aders of America
More SHS Activities	

Career Resources

SHS Career Exploration

<u>Naviance</u>

Occupational Outlook Handbook

Work-Based Learning Opportunities

<u>O*NET:</u> <u>Careers in Education & Training</u> IL Pathways: Careers in Education & Training

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1 + Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

EDUCATION & TRAINING

Cluster

Pathways

Education & Training

Administration & Administration Support

Professional Support Services

Teaching & Training

	REQUIRED/RE	COMMENDED:	CLASS CONSID	ERATIONS:
9th	 English Mathematics Advisory 	 Science PE/Dance World History & Geography 	 Human Growth & Development Art & Design Video Editing & Production Motion Graphics/Visual Effects Acting 1/2 	 Food & Nutrition Digital Art & Design 1/2 Print Media 1/2 Photography 1/2 World Language
			SUMMER CONSI	5 5
			 Art & Design Volunteer/PT Job (Camp, Park Dis 	strict, Tutoring)
	REQUIRED/RE	COMMENDED:	CLASS CONSID	ERATIONS:
10th	 ♦ English ♦ Mathematics 	 Science Health & PE/Dance 	 Human Growth & Development Teaching Young Children 1/2 Art & Design Photography 1/2 	 Life by Design Data Science Digital Art & Design 1/2
	REQUIRED/RE * English	COMMENDED: * Science	 Video Editing & Production Motion Graphics/Visual Effects Sociology** 	 Print Media 1/2 Dance Leadership Public Speaking
11th	MathematicsUS History	 PE/Dance 	 Science Research Acting 1/2 	 Psychology** PE Senior Leadership
	 Personal Finance *Requirement may also be 	OR Economics* fulfilled during senior year.	 World Language LAKE COUNTY TECH C 	AMPUS OPTIONS:
		nics, AP Macroeconomics, or tisfy this credit requirement.	 Early Education & Teaching 1/2 (J SUMMER CONSI 	
12th	♦ English♦ PE/Dance*	* Mathematics * Government	 Art & Design Volunteer/PT Job (Camp, Park Dis 	strict, Tutoring)
2-4 years of World I		e if taking 6 non-PE classes. for college/career opj	**Courses are offered freshman year if Wor portunities: French/German/Hebrew	
Students considering careers in Education & Training are strongly encouraged to view class				

considerations and clubs from additional pathway pages based on content area of interest



Future Doctors of America (FDA)		
Future Health Professionals (HOSA)		
Future Nurses of America (FNA)		
Biology Olympiad	Science Bowl	
Chemistry Club	Science Olympiad	
Food Revolution Club	Science REACH Club	
Animal Welfare Club	World Cultures Clubs	
More SHS Activities		

Career Resources

 SHS Career Exploration

 Naviance

 Occupational Outlook Handbook

 Work-Based Learning Opportunities

 O*NET:
 Careers in Health Science

 IL Pathways:
 Careers in Health Science

Recommended College Path

4 Years
3-4 Years
3-4 Years
3-4 Years
2-4 Years
1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

HEALTH SCIENCE

Cluster			Pathways		
Health Science	<u>Biotechnology</u> <u>Research</u>	Diagnostic Services	Health Informatics	<u>Support</u> Services	Therapeutic Services
Section Biotics			and the second second descent		
		ECOMMENDED:		NSIDERATI	
O IL	 English 	 Science 	 Human Growth & Develop Dance 1/2/3/4 		& Nutrition d Language
9th	 Mathematics 	♦ PE/Dance			
JUI	 Advisory 	 World History & 		ONSIDERAT	
		Geography	 Careers in Health & Medic 		to Biotechnology
			 Part-Time Job 	* Volu	
		ECOMMENDED:		NSIDERATI	
	✤ English	 Science 	 Human Growth & Develop 		ied Health
40.1	 Mathematics 	Health &	 Food & Nutrition 		y Design
THIT		PE/Dance	 Food Preparation World Language 	* Socio	ology** ology**
10th			 AP Biology 	,	hemistry
			0,	ONSIDERAT	,
			 Careers in Health & Medic 		to Biotechnology
			 SPARK Internship 		ime Job/Volunteer
	REQUIRED/R	ECOMMENDED:			
	✤ English	 Science 		NSIDERATI	
	 Mathematics 	* PE/Dance	 Human Growth & Develop 		ied Health
11+h	✤ US History		 Food & Nutrition Food Preparation 		oy Design Science
11th			 Science Research 		blogy**
	 Personal Finance *Requirement may also b 	e OR Economics* be fulfilled during senior year.	 AP Statistics 		nology**
		<u> </u>	 AP Biology 	,	hemistry
		omics, AP Macroeconomics, or	 Anatomy & Physiology 	* Worl	d Language
		satisfy this credit requirement.	LAKE COUNTY TE	ЕСН САМРИ	S OPTIONS:
		ECOMMENDED:	 Biomedical Science 	* Med	cal Assisting
	* English	 Mathematics 	 Certified Nurse Assisting (5
	 Government 	 Science 	 Emergency Medical Servio 	ces	
12th	* PE/Dance*		SUMMER C	ONSIDERAT	IONS:
	*Academic waiver availa	ble if taking 6 non-PE classes.	 Careers in Health & Medic 	ine 🔹 Intro	to Biotechnology
			* PT Job/Shadow/Volunteer		K Internship
			**Courses are offered freshman y	ear if World History	was taken over summer
			The SPARK program is only ava summer after a student's soph		
2.4 years of World		d for college/career op	oortunities: French/German/ł		

Students considering careers in speciality areas such as art or music therapy are strongly encouraged to consider classes and clubs found on the Visual Arts, Performing Arts, and <u>Human Services</u> pathway pages



<u>Athletics</u>	Geography Club	
2D/3D Art Studio	Intramurals	
Cultural Cuisine Club	Photography Studio	
Entrepreneurship Club	Poster Design Club	
Food Revolution Club	Print Media Club	
Family, Career & Community Leaders of America		
World Cultures Clubs		
More SHS Activities		
Caroor Posourcos		

Career Resources

 SHS Career Exploration

 Naviance

 Occupational Outlook Handbook

 Work-Based Learning Opportunities

 O*NET:
 Careers in Hospitality & Tourism

 IL Pathways:
 Careers in Hospitality & Tourism

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

HOSPITALITY & TOURISM

Cluster		Pathways		
<u>Hospitality &</u> <u>Tourism</u>	<u>&</u> ,	on, Amusement <u>Restaurants, Food & Travel & Tourism</u> Attractions <u>Beverage Services</u>		
an Tenin Alin Barra (an Israe		CLASS CONSIDERATIONS:		
9th	 English Science Mathematics PE/Dance Advisory World History & Geography 	 Food & Nutrition Business Apps-Tech 1/2 Photography 1/2 Print Media 1/2 Introduction to Business 		
10th	REQUIRED/RECOMMENDE * English * Science * Mathematics * Health & PE/Dance	 * Part-Time Job * Volunteer CLASS CONSIDERATIONS: * Food & Nutrition * Business Apps-Tech 1/2 * Gourmet Foods/ Food Prep. * Marketing * Interior Design * Entrepreneurship * Entrepreneurship * Entrepreneurship * Adv. Photo & Digital Design 		
11th	REQUIRED/RECOMMENDE * English * Science * Mathematics * PE/Dance * US History * Personal Finance OR Economics* *Requirement may also be fulfilled during senior yet *Personal Finance, Economics, AP Macroeconomics AP Microeconomics will satisfy this credit requirement	 AP Photo & Digital Design* Print Media 1/2 Mobile App Development Web Development 1/2 Motion Graphics/Visual Effects Sociology** 2-D Animation Data Science Global Relations 3-D Animation Public Speaking AP Human Geography Business Law* World Religions World Linguage World Lit (Seniors Only) 		
12th	REQUIRED/RECOMMENDE * English * Mathematics * PE/Dance* * Government *Academic waiver available if taking 6 non-PE class	Culinary Arts 1/2***		



<u>Athletics</u>	Peer Helpers
Best Buddies	<u>Project Pen Pal</u>
Catalyst Club	<u>Psychology Club</u>
FIRE Club	Rotary Youth Club
KIVA Club	SHS Styler Fashion Club
Key Club International	SHS Helping Soldiers
Mind Your Mind	Student Council
Freshman Mentor Program	(FMP)
Family, Career & Community	<u>y Leaders of America</u>
More SHS Activities	World Cultures Clubs

Career Resources

 SHS Career Exploration

 Naviance

 Occupational Outlook Handbook

 Work-Based Learning Opportunities

 O*NET:
 Careers in Human Services

 IL Pathways:
 Careers in Human Services

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: <u>www.d125.org/academics/applied-arts</u>

*Refer to the Coursebook for SHS graduation requirements

HUMA	N SER	VICES	

Cluster			Pathways			
Human Services	<u>Early Childhood</u> <u>Development</u>	<u>Counseling &</u> <u>Mental Health</u>	<u>Family &</u> <u>Community</u>	<u>Consu</u> Servio		<u>Personal Care</u> <u>Services</u>
	REQUIRED/RI	ECOMMENDED:		CONSID		NS:
	✤ English	 Science 	* Human Growth & Dev	elopment	* Food &	Nutrition
9th	 Mathematics 	* PE/Dance	 Clothing & Design 1/2 	2		
JUI	 Advisory 	 World History & 	 World Language 			
		Geography	SUMMER	R CONSI	DERATIO	DNS:
			 Part-Time Job 		✤ Volunte	er f
	REQUIRED/RI	ECOMMENDED:	CLASS	CONSID	ERATIO	NS:
	 English 	 Science 	* Human Growth & Dev	elopment	* Food &	Nutrition
	 Mathematics 	Health &	 Teaching Young Child 		 Interior 	Design
10th		PE/Dance	 Clothing & Design 1/2 		✤ World L	5 5
10th			* Business of Fashion &	Design	* Psycholo	0,
			 Life by Design 		 Sociolog 	
			SUMMER	R CONSI		
			✤ Job Shadow/PT Job		* Volunte	er
	REQUIRED/RI	ECOMMENDED:		CONSID		NS:
	 English 	 Science 	 Human Growth & Dev 			
	 Mathematics 	 PE/Dance 	 Teaching Young Child 		 Data Sci 	
11th	 US History 		 Clothing & Design 1/2 	2	 Life by E 	J.
	 Personal Finance 	OR Economics*	 Personal Finance Sociology** 		 Interior Econom 	0
	*Requirement may also be	e fulfilled during senior year.	 Business of Fashion & 	Design	 Psychological 	
	*Personal Finance, Econor	mics, AP Macroeconomics, or	 World Language 	- •••g.	,	or Leadership
	AP Microeconomics will s	atisfy this credit requirement.			 Science 	Research
	REQUIRED/RI	ECOMMENDED:	LAKE COUNTY	тесн с	AMPUS	OPTIONS:
	 English 	 Mathematics 	* Cosmetology 1/2			
10+h	* PE/Dance*	* Government	SUMMER CONSIDERATIONS:			DNS:
12th	*Academic waiver availab	le if taking 6 non-PE classes.	 Job Shadow/PT Job 		 Volunte 	er

2 4		1 four on 11 our of the second	**Courses offered freshma	-	-	
			portunities: French/Germ			darin/Spanish
For s	tudents considering	g careers in Human Se	ervices that involve com	ponents of	art it is	

strongly encouraged to consider classes and clubs found on the Visual Arts pathway page



Debate Club	Political Action Club
Geography Club	Psychology Club
Law Club & Mock Trial	Student Council
Model UN Team	More SHS Activities

Career Resources
SHS Career Exploration
Naviance
Occupational Outlook Handbook

Law & Safety

Law & Safety

Work-Based Learning Opportunities

O*NET:

IL Pathways:

Government

Government

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: www.d125.org/arts

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

LAW, PUBLIC SAFETY, SECURITY & GOVERNMENT

Cluster			Pathways		
<u>.aw & Public Safety</u>	<u>Corrections</u>	Emergency & Fire Management	Law Enforcement	Legal Services	<u>Security &</u> <u>Protective Services</u>
Govt. & Admin	Governance	National Security	Planning	Regulation	Revenue & Taxation
Berta Martine Contractor					
	* English	* Science	CLASS * Intro to Business * A		
9th	 English Mathematics 	 Science PE/Dance 	the second se		
JII	 Advisory 	 * FE/Dance * World History & Geography 	 Careers in Law Part-Time Job 		ction to Business
	REQUIRED/R	ECOMMENDED:	CLASS	CONSIDERAT	IONS:
10th	 ♦ English ♦ Mathematics 	 Science Health & PE/Dance 	 Constitutional Law World Religions AP Human Geograph Architectural Design Public Speaking World Language Civil Engineering PLTV SUMME Careers in Law Part-Time Job 	Global F AP Euro Adv. Arc Adv. Arc Lifeguar Sociolog V Psycholo R CONSIDERA	pean History chitectural Design d Training gy** gyy** TIONS: ction to Business
	REQUIRED/R	ECOMMENDED:	CLASS	CONSIDERAT	IONS:
11th	*Personal Finance, Econ	 Science PE/Dance e OR Economics* be fulfilled during senior year. pomics, AP Macroeconomics, or satisfy this credit requirement. 	 Constitutional Law World Religions AP Human Geograph Business Law Architectural Design Public Speaking Philosophy & Pol Theo AP African Am. Studie Political Thought & Lit 	 Global F AP Euro Sociolog Data Sci Adv. Arc Adv. Arc trigguar Science World Li 	pean History gy** ence :hitectural Design rd Training/Pool Lead. Research anguage
	<u> </u>	ECOMMENDED:	 AP Environmental Sci AP Comparative Gove 	,	ogy**
	✤ English	 Mathematics 	 AP Language & Composition (Juniors Only) 		nly)
19th	♦ PE/Dance* *Academic waiver availa	 Government ble if taking 6 non-PE classes. 			US OPTIONS: w Enforcement & CSI
				R CONSIDERA	
			 Careers in Law *These courses are only offered **Courses are offered freshmat 	ed to seniors	Shadow/Volunteer vas taken over summer



Architecture & Engineering Club		
Biology Olympiad	Physics Club	
Chemistry Club	Science Olympiad	
Computer Science Club	Science Bowl	
Girls in STEAM	Science REACH Club	
Math Team	TEAMS/ACES	
Photography Studio	VEX Robotics Club	
More SHS Activities		

Career Resources

SHS Career ExplorationNavianceOccupational Outlook HandbookWork-Based Learning OpportunitiesO*NET:Careers in STEMIL Pathways:Careers in STEM

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: <u>www.d125.org/arts</u>

All Applied Arts Classes: www.d125.org/academics/applied-arts

*Refer to the Coursebook for SHS graduation requirements

SCIENCE, TECH, ENGINEERING & MATH

Cluster

Pathwa<u>ys</u>

<u>STEM</u>	Engineering & Technolog	gy <u>Science & Mathematics</u>
*	REQUIRED/RECOMMENDED: English * Science Mathematics * PE/Dance Advisory * World History & Geography	CLASS CONSIDERATIONS:* Computer Prog 1* Computer Prog 2* Intro to Engineering-PLTW* Digital Art & Design 1/2* Architectural Design* Game Development 1/2* Web Development 1/2* Video Editing & Production* Danimation* 3-D Animation* Music Production 1/2* Adv. Music Production* Virtual & Augmented Reality* Motion Graphics/Visual Effects* Print Media 1/2* World LanguageSUMMER CONSIDERATIONS:* Careers in STEM* Intro to Biotechnology* Computer Prog 1* Digital Art & Design 1* Part-Time Job* Volunteer
*	REQUIRED/RECOMMENDED: English * Science Mathematics * Health & PE/Dance	CLASS CONSIDERATIONS:* Computer Prog 1* Computer Prog 2* Intro to Engineering-PLTW* Comp Sci Algorithms* Architectural Design* Data Science* AP Comp Science Principles* Principles of Engineering-PLTW* Web Development 1/2* Adv. Architectural Design* Mobile App Development* AP Comp Science A* Digital Art & Design 1/2* Game Development 1/2* 2-D/3-D Animation* Motion Graphics/Visual Effects
11th	REQUIRED/RECOMMENDED: • English • Science • Mathematics • PE/Dance • US History • Personal Finance OR Economics* Requirement may also be fulfilled during senior year. Personal Finance, Economics, AP Macroeconomics, or PMicroeconomics will satisfy this credit requirement.	 Music Production 1/2 Virtual & Augmented Reality Video Editing & Production AP Physics 1 Adv. Music Production AP Physics 2*** Adv. Photo & Digital Design AP Calculus*** Print Media 1/2 AP Physics C*** Data Science AP Chemistry*** Electrical Engineering-PLTW World Language Civil Engineering and Architecture-PLTW Computer Integrated Manufacturing-PLTW Engineering Design and Development-PLTW***
12th	REQUIRED/RECOMMENDED: • English * Mathematics • Government * Science • PE/Dance* Academic waiver available if taking 6 non-PE classes.	SUMMER CONSIDERATIONS: * Careers in STEM * Intro to Biotechnology * SPARK Internship * Astronomy * Computer Prog 1 * Job Shadow/PT Job * Digital Art & Design 1 * Volunteer ***These courses are only offered to juniors and seniors The SPARK program is only available, via application, during the summer after a student's sophomore or junior year



Debate Club	Political Action Club
Geography Club	Psychology Club
Model UN Team	Student Council
Aviation & Aerospace	Busi. Prof. Of America
Auto Club	<u>FBLA</u>
TEAMS/ACES	VEX Robotics Club
World Cultures Clubs	More SHS Activities

Career Resources

SHS Career ExplorationNavianceOccupational Outlook HandbookWork-Based Learning OpportunitiesO*NET:TransportationIL Pathways:Transportation

Recommended College Path

English	4 Years
Math	3-4 Years
Science	3-4 Years
Social Science	3-4 Years
World Language	2-4 Years
Fine Arts	1+ Years

All Fine Arts Classes: <u>www.d125.org/arts</u>

All Applied Arts Classes: <u>www.d125.org/academics/applied-arts</u>

*Refer to the Coursebook for SHS graduation requirements

TRANSPORTATION, DISTRIBUTION & LOGISTICS

Cluster	Pathways					
Transportation, Distribution & Logistics	<u>Facility & Mobile</u> <u>Equipment</u> <u>Maintenance</u>	<u>Health, Safety &</u> <u>Environmental</u> <u>Management</u>		iales & Service Transportation Operations	<u>Systems Planning,</u> <u>Management</u> Warehouse & Dis. <u>Center</u>	
	REQUIRED/RECOMMENDED:		CLASS CONSIDERATIONS:			
9th	✤ English♦ Mathematics	SciencePE/Dance	Intro to Business Intro to Engineering World Language SUMMER CONSIDERATIONS:			
	* Advisory	 World History & Geography 	• Careers in Business • Part-Time Job		 Introduction to Business 	
	REQUIRED/RECOMMENDED:		CLASS CONSIDERATIONS:			
10th	* English	 Science Health & PE/Dance 	 Entrepreneurial Tactics AP Human Geography Global Relations Business Law AP European Histor Public Speaking Data Science Earth Science Entrepreneurship Constitutional law AP Environmental S Psychology** AP Comparative Government & Politics Intro to Engineering & Design-PLTW Principles of Engineering-PLTW Electrical Engineering-PLTW 		ations an History ce eurship imental Science***	
11th	 Mathematics PE/Dance US History Personal Finance OR Economics* *Requirement may also be fulfilled during senior year. *Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement. 					
			 Automotive Collision Repair Automotive Service 1& 2 	1 & 2		
12th	REQUIRED/RECOMMENDED:		SUMMER CONSIDERATIONS:			
	 English PE/Dance* *Academic waiver available 	 Mathematics Government <i>le if taking 6 non-PE classes.</i> 	Careers in BusinessPart-time Job	* PT Job/Sha * Volunteer	adow/Volunteer	
			Courses are offered freshman year if World History was taken over summer *These courses are only offered to juniors and seniors			