

CAREER PATHWAYS

A GUIDE TO EXPLORING YOUR FUTURE: COURSES, ACTIVITIES & RESOURCES



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ONLINE CAREER RESOURCES

SHS Career Exploration

Naviance

Occupational Outlook Handbook

Work-Based Learning Opportunities

O*NET

IL Pathways

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

Additional Notes:

- 2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish
- *Refer to the Coursebook for SHS graduation requirements
- All Fine Arts Classes: www.d125.org/arts
- All Applied Arts Classes: www.d125.org/academics/applied-arts

AGRICULTURE, FOOD & NATURAL RESOURCES

CLUSTER	PATHWAYS
Agriculture, Food & Natural Resources	<u>Agribusiness Systems</u> • <u>Animal Systems</u> • <u>Environmental Service Systems</u> • <u>Power, Structural & Technical Systems</u>
	<u>Food Products & Processing Systems</u> • <u>Natural Resource Systems</u> • <u>Plant Systems</u>

9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History & Geography	CLASS CONSIDERATIONS: • Biology • Chemistry • Food & Nutrition • Introduction to Business • World Languages SUMMER CONSIDERATIONS: • Part-Time Job • Volunteer • Introduction to Business
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science	CLASS CONSIDERATIONS: • Global Relations • AP Human Geography • Horticulture • Earth Science • Earth Science-Dual Credit • World Language • Biology • Chemistry • Math Modeling • AP Environmental Science (Seniors Only) • Science Research • Data Science • Introduction to Business • Food Preparation • Gourmet Foods • Food & Nutrition • AP Biology • AP Chemistry
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • Machining Technology** • Construction Skills & Management 1/2** • Principles of Biomed. Science 1/2** SUMMER CONSIDERATIONS: • Intro to Biotechnology • Job/Shadow/Volunteer
12th Year	REQUIRED/RECOMMENDED: • English • Mathematics • Science • World History • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	**These courses are only offered to Juniors and Seniors.

Additional Notes:

Students considering careers in Agriculture, Food and Natural Resources are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

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

ARCHITECTURE, CONSTRUCTION & MANUFACTURING

CLUSTER	PATHWAYS
<u>Architecture & Construction</u>	<u>Construction</u> • <u>Design & Pre-Construction</u> • <u>Maintenance & Operations</u>
<u>Manufacturing</u>	<u>Maintenance, Installation & Repair</u> • <u>Process Development</u> • <u>Production</u> • <u>Quality Assurance</u>

9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Architectural Design • Print Media 1/2 • Art & Design • 2-D Animation • Metals & Jewelry • Introduction to Business • Virtual & Augmented Reality • Intro to Engineering Design-PLTW • Digital Art & Design 1/2 • Mixed Media • 3-D Animation • Entertain., Prod. & Design • World Language SUMMER CONSIDERATIONS: • Digital Art & Design 1 • Art & Design • Part-Time Job • Introduction to Business • Theatre Arts • Volunteer
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science • World History	CLASS CONSIDERATIONS: • Architectural Design • Print Media 1/2 • Art & Design • Mixed Media • Interior Design • Entrepreneurship • 2-D/3-D Animation Adv. Photo & Digital Design • Art History 1/2 • Physics • Virtual & Augmented Reality • Science Research • AP Environmental Science • Civil Engineering & Architecture-PLTW • Computer Integrated Manufacturing-PLTW • Engineering Design & Development-PLTW** • Adv. Architectural Design • Intro to Engineering Design-PLTW • Digital Art & Design 1/2 • Metals & Jewelry • Entertain., Prod. & Design • Introduction to Business • AP Photo & Digital Design** • AP Art History • Earth Science-Dual Credit • World Language • Data Science • Math Modeling
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • Machining Technology** • Construction Skills & Management 1/2** • Welding Fabrication 1/2**
12th Year	REQUIRED/RECOMMENDED: • English • Mathematics • Science • World History • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	SUMMER CONSIDERATIONS: • Intro to Biotechnology • Job/Shadow/Volunteer **These courses are only offered to Juniors and Seniors.

Additional Notes:

Students considering careers in Architecture, Construction and Manufacturing are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- 2D/3D Art Studio
- Architecture & Engineering Club
- Girls in STEAM
- Math Team
- Patriot Theatre Company
- Photography Studio
- Physics Club
- Science REACH Club
- Stevenson Backstage
- TEAMS/ACES
- VEX Robotics Club
- World Cultures

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

CLUSTER		PATHWAYS	
Arts, A/V Technology & Communications		<u>Journalism & Broadcasting</u> • <u>Printing Technology</u> • <u>Telecommunications</u> • <u>A/V Technology & Film</u>	
9th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS: • Art & Design • Print Media 1/2 • 2-D Animation • Journalistic Writing • Broadcast Journalism • Music Production 1/2 • Game Development 1/2 • Acting 1/2 • Motion Graphics/Visual Effects • Publication Design/Production • 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	
		SUMMER CONSIDERATIONS: • Art & Design • Photography 1 • Digital Art & Design 1/2 • Part-Time Job/Volunteer	
10th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS: • Art & Design • Print Media 1/2 • Adv. Photo & Digital Design • 2-D/3-D Animation • Journalistic Writing • Broadcast Journalism • Game Development 1/2 • Acting 1/2 • Music Production 1/2 • Data Science • Creative Writing** • Motion Graphics/Visual Effects • Publication Design/Production • Motion Graphics/Visual Effects • AP Calculus** • Topics in Composition: Film Genres** • Topics in Composition: Media Analysis** • Digital Art & Design 1/2 • Photography 1/2 • AP Photo & Digital Design** • Science Research • Adv. Journalistic Writing • Web Development 1/2 • Public Speaking • Entertain., Prod. & Design • Adv. Music Production • Creative Writing Seminar** • Video Editing & Production • World Language • Virtual & Augmented Reality • World Language • Math Modeling	
		LAKE COUNTY TECH CAMPUS OPTIONS: • Multimedia Design 1/2	
11th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS: • Art & Design • Print Media 1/2 • Adv. Photo & Digital Design • 2-D/3-D Animation • Journalistic Writing • Broadcast Journalism • Game Development 1/2 • Acting 1/2 • Music Production 1/2 • Data Science • Creative Writing** • Motion Graphics/Visual Effects • Publication Design/Production • Motion Graphics/Visual Effects • AP Calculus** • Topics in Composition: Film Genres** • Topics in Composition: Media Analysis** • Digital Art & Design 1/2 • Photography 1/2 • AP Photo & Digital Design** • Science Research • Adv. Journalistic Writing • Web Development 1/2 • Public Speaking • Entertain., Prod. & Design • Adv. Music Production • Creative Writing Seminar** • Video Editing & Production • World Language • Virtual & Augmented Reality • World Language • Math Modeling	
		LAKE COUNTY TECH CAMPUS OPTIONS: • Multimedia Design 1/2	
12th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS: • Art & Design • Print Media 1/2 • Adv. Photo & Digital Design • 2-D/3-D Animation • Journalistic Writing • Broadcast Journalism • Game Development 1/2 • Acting 1/2 • Music Production 1/2 • Data Science • Creative Writing** • Motion Graphics/Visual Effects • Publication Design/Production • Motion Graphics/Visual Effects • AP Calculus** • Topics in Composition: Film Genres** • Topics in Composition: Media Analysis** • Digital Art & Design 1/2 • Photography 1/2 • AP Photo & Digital Design** • Science Research • Adv. Journalistic Writing • Web Development 1/2 • Public Speaking • Entertain., Prod. & Design • Adv. Music Production • Creative Writing Seminar** • Video Editing & Production • World Language • Virtual & Augmented Reality • World Language • Math Modeling	
		LAKE COUNTY TECH CAMPUS OPTIONS: • Multimedia Design 1/2	

Additional Notes:

Students considering careers in Arts, Audio/Video Technology and Communications are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- 2D/3D Art Studio
- Ambassador Yearbook
- Calligraphy Club
- Film Club
- Girls in STEAM
- Nat'l Art Honor Society
- Photography Studio
- Poster Design Club
- Print Media Club
- Patriot Theatre Company
- Script Studio
- SHS-TV
- SHS Sports Broadcasting
- SNN: SHS Network News
- Statesman Newspaper
- Stevenson Backstage
- The WIT & The Sole
- Write Club
- World Cultures Clubs

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

CLUSTER	PATHWAYS		
Arts, A/V Technology & Communications	Performing Arts		
9 th Year	REQUIRED/RECOMMENDED: - Advisory - English - Mathematics - Physical Education/Dance - Science - World History	THEATRE CLASS CONSIDERATIONS: - Acting 1/2 - Entertain., Prod. & Design DANCE CLASS CONSIDERATIONS: - Dance 1/2/3/4 MUSIC CLASS CONSIDERATIONS: - 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 CONSIDERATIONS: - Theatre Arts - Part-Time Job/Volunteer	
10 th Year	REQUIRED/RECOMMENDED: - English - Health & Physical Education/Dance - Mathematics - Science	THEATRE CLASS CONSIDERATIONS: - Acting 1/2 - Adv. Acting** - Leadership in Theatre** - Directing the Actor** DANCE CLASS CONSIDERATIONS: - Dance 1/2/3/4 - Ballet/Jazz - Dance Leadership - Concert Dance - Jazz Fusion MUSIC CLASS CONSIDERATIONS: - Music Production 1/2 - Guitar 1/2 - Piano 1 - Symphonic Band - Adv. Symphonic Band - Honor Band - Concert Orchestra - Patriot Orchestra - Adv. Music Production - Patriot Guitar Ensemble - AP Music Theory - Stevenson Singers - Adv. SHS Chorus - Patriot Singers - Symphonic Orchestra SUMMER CONSIDERATIONS: - Theatre Arts - Part-Time Job/Shadow/Volunteer	
11 th Year	REQUIRED/RECOMMENDED: - English - Mathematics - Science - US History - Physical Education/Dance - Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>		
12 th Year	REQUIRED/RECOMMENDED: - English - Mathematics - Government - Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	THEATRE CLASS CONSIDERATIONS: Theatre Arts SUMMER CONSIDERATIONS: <i>**These courses are only offered to Juniors and Seniors.</i>	

Additional Notes:

Students considering careers in Arts, Audio/Video Technology and Communications are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Baroque Ensemble
- Choreography Club
- Color Guard
- Dance Honor Society
- Flute Choir
- Guitar Club
- Improv Comedy Team
- Jazz Ensemble
- Low Frequency
- Marching Band
- Melange Dance Company
- International Thespian Society
- Nothing But Treble
- Patriot Theatre Company
- Polyphonics
- Repertory Dance Company
- Tri-M Music Honor Society
- Script Studio
- Stevenson AMPLified
- Stevenson Backstage
- Stevenson Peer Theatre
- World Cultures Clubs

ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

CLUSTER		PATHWAYS	
Arts, A/V Technology & Communications		Visual Arts	
9 th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS:	
	- Advisory - English - Mathematics - Physical Education/Dance - Science - World History	- Art & Design - Drawing - Painting - Mixed Media - Ceramics - Sculpture - Metals & Jewelry 2-D/3-D Animation - Print Media 1/2 - Web Development 1/2 - Game Development 1/2 - Photography 1/2 - Digital Art & Design 1/2 - Video Editing & Production - Motion Graphics/Visual Effects - Entertain., Prod. & Design - Clothing & Design 1/2 - Virtual & Augmented Reality - World Language	
10 th Year	REQUIRED/RECOMMENDED:	SUMMER CONSIDERATIONS:	
	- English - Health & Physical Education/Dance - Mathematics - Science	- Art & Design - Photography 1 - Digital Art & Design 1/2 - Part-Time Job/Volunteer	
11 th Year	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS:	
	- English - Mathematics - Science - US History - Physical Education/Dance - Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	- Art & Design - Drawing - Painting - Mixed Media - Ceramics - Sculpture - Metals & Jewelry 2-D/3-D Animation - Print Media 1/2 - Web Development 1/2 - Game Development 1/2/3 - Adv. 3-D Art - Data Science - Photography 1/2 - AP Photo & Digital Design** - World Language - 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** - Topics in Composition: Film Genres** - AP Art History - Adv. Photo & Digital Design - Adv. Ceramics, Metals & Sculpture - Math Modeling	
12 th Year	REQUIRED/RECOMMENDED:	LAKE COUNTY TECH CAMPUS OPTIONS:	
	- English - Mathematics - Government - Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	Multimedia Design 1/2	
	REQUIRED/RECOMMENDED:	SUMMER CONSIDERATIONS:	
	- English - Mathematics - Government - Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	- Art & Design - Photography 1 - Digital Art & Design 1 - Part-Time Job/Shadow/Volunteer	
		**These courses are only offered to Juniors and Seniors.	

Additional Notes:

Students considering careers in Arts, Audio/Video Technology and Communications are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Ambassador Yearbook
- Art Club
- 2D/3D Art Studio
- Art from the Heart
- Calligraphy Club
- Film Club
- Girls in STEAM
- In the Loop (Knitting)
- Nat'l Art Honor Society
- Patriot Theatre Company
- Photography Studio
- Poster Design Club
- Print Media Club
- SHS Styler Fashion Club
- Stevenson Backstage
- World Cultures Clubs

BUSINESS MANAGEMENT, FINANCE & MARKETING

CLUSTER	PATHWAYS
Business Management	<u>Administrative Support</u> • <u>General Management</u> • <u>Human Resources</u> • <u>Information Management</u> • <u>Operations Management</u>
Finance	<u>Accounting</u> • <u>Banking Services</u> • <u>Business Finance</u> • <u>Insurance</u> • <u>Investments</u>

9th Year	REQUIRED/RECOMMENDED: - Advisory - English - Mathematics - Physical Education/Dance - Science - World History	CLASS CONSIDERATIONS: - 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 SUMMER CONSIDERATIONS: - Introduction to Business - Business Apps-Tech 1 - Digital Art & Design 1 - Part-Time Job - Careers in Business - Photography 1 - Theatre Arts - Volunteer
10th Year	REQUIRED/RECOMMENDED: - English - Health & Physical Education/Dance - Mathematics - Science - World History	CLASS CONSIDERATIONS: - Investment Management** - Accounting 1/2 Adv. - Entrepreneurship - Business Law - Marketing - AP Microeconomics - AP Statistics - Data Science - Photography 1/2 - Print Media 1/2 - Digital Art & Design 1/2 - Personal Finance - Dance Leadership - AP Calculus** - Math Modeling - Introduction to Business (Freshmen & Sophomores Only) - Business Apps-Tech 1/2 - Science Research - Entrepreneurial Tactics** - Business of Fashion & Design - Acting 1/2 - AP Macroeconomics - Economics - Adv. Photo & Digital Design - AP Photo & Digital Design** - Public Speaking - Data Science - Personal Finance (Online) - World Language - AP Environmental Science - AP Business with Personal Finance**
11th Year	REQUIRED/RECOMMENDED: - English - Mathematics - Science - US History - Physical Education/Dance - Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	SUMMER CONSIDERATIONS: - Careers in Business - Business Apps-Tech 1 - Photography 1 - Job Shadow/Part-Time Jobs - Economics - Digital Art & Design 1 - Theatre Arts - Volunteer
12th Year	REQUIRED/RECOMMENDED: - English - Mathematics - Government - Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	**These courses are only offered to Juniors and Seniors.

Additional Notes:

Students considering careers in Business Management, Finance and Marketing are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Business Professionals of America (BPA)
- Future Business Leaders of America (FBLA)
- Entrepreneurship Club
- Economics Club
- Debate Club
- Photography Studio
- Poster Design Club
- Print Media Club
- SHS Styler Fashion Club
- Sports Analytics Club
- World Cultures Clubs

BUSINESS MANAGEMENT, FINANCE & MARKETING

CLUSTER		PATHWAYS	
Marketing		Communications • Management • Merchandising • Professional Sales • Research	
9 th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • 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	SUMMER CONSIDERATIONS: • Introduction to Business • Business Apps-Tech 1 • Digital Art & Design 1 • Part-Time Job • Careers in Business • Photography 1 • Theatre Arts • Volunteer
10 th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science • World History	CLASS CONSIDERATIONS: • Investment Management** • Accounting 1/2 Adv. • Entrepreneurship • Business Law • Marketing • AP Microeconomics • AP Statistics • Data Science • Photography 1/2 • Print Media 1/2 • Digital Art & Design 1/2 • Personal Finance • Dance Leadership • AP Calculus** • Math Modeling • Introduction to Business (Freshmen & Sophomores Only) • Business Apps-Tech 1/2 • Science Research • Entrepreneurial Tactics** • Business of Fashion & Design • Acting 1/2 • AP Macroeconomics • Economics • Adv. Photo & Digital Design • AP Photo & Digital Design** • Public Speaking • Data Science • Personal Finance (Online) • World Language • AP Environmental Science • AP Business with Personal Finance**	SUMMER CONSIDERATIONS: • Careers in Business • Business Apps-Tech 1 • Photography 1 • Job Shadow/Part-Time Jobs • Economics • Digital Art & Design 1 • Theatre Arts • Volunteer
11 th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	CLASS CONSIDERATIONS: • Investment Management** • Accounting 1/2 Adv. • Entrepreneurship • Business Law • Marketing • AP Microeconomics • AP Statistics • Data Science • Photography 1/2 • Print Media 1/2 • Digital Art & Design 1/2 • Personal Finance • Dance Leadership • AP Calculus** • Math Modeling • Introduction to Business (Freshmen & Sophomores Only) • Business Apps-Tech 1/2 • Science Research • Entrepreneurial Tactics** • Business of Fashion & Design • Acting 1/2 • AP Macroeconomics • Economics • Adv. Photo & Digital Design • AP Photo & Digital Design** • Public Speaking • Data Science • Personal Finance (Online) • World Language • AP Environmental Science • AP Business with Personal Finance**	SUMMER CONSIDERATIONS: • Careers in Business • Business Apps-Tech 1 • Photography 1 • Job Shadow/Part-Time Jobs • Economics • Digital Art & Design 1 • Theatre Arts • Volunteer
12 th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	CLASS CONSIDERATIONS: • Investment Management** • Accounting 1/2 Adv. • Entrepreneurship • Business Law • Marketing • AP Microeconomics • AP Statistics • Data Science • Photography 1/2 • Print Media 1/2 • Digital Art & Design 1/2 • Personal Finance • Dance Leadership • AP Calculus** • Math Modeling • Introduction to Business (Freshmen & Sophomores Only) • Business Apps-Tech 1/2 • Science Research • Entrepreneurial Tactics** • Business of Fashion & Design • Acting 1/2 • AP Macroeconomics • Economics • Adv. Photo & Digital Design • AP Photo & Digital Design** • Public Speaking • Data Science • Personal Finance (Online) • World Language • AP Environmental Science • AP Business with Personal Finance**	SUMMER CONSIDERATIONS: • Careers in Business • Business Apps-Tech 1 • Photography 1 • Job Shadow/Part-Time Jobs • Economics • Digital Art & Design 1 • Theatre Arts • Volunteer **These courses are only offered to Juniors and Seniors.

Additional Notes:

Students considering careers in Business Management, Finance and Marketing are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Business Professionals of America (BPA)
- Future Business Leaders of America (FBLA)
- Entrepreneurship Club
- Economics Club
- Debate Club
- Photography Studio
- Poster Design Club
- Print Media Club
- SHS Styler Fashion Club
- Sports Analytics Club
- World Cultures Clubs

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CLUSTER		PATHWAYS	
Information Technology		Information Support Services • Network Systems • Programming & Software Development • Web & Digital Communications	
9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Computer Programming 1 • Game Development 1/2 • Virtual & Augmented Reality • Print 1/2 • 2-D Animation • Music Production 1/2 • Video Editing & Production • Computer Programming 2 • Web Development 1/2 • Motion Graphics/Visual Effects • Digital Art & Design 1/2 • 3-D Animation • Adv. Music Production • World Language SUMMER CONSIDERATIONS: • Computer Programming 1 • Part-Time Job • Digital Art & Design 1 • Volunteer	
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science • World History	CLASS CONSIDERATIONS: • Computer Programming 1/2 • AP Comp. Science Principles • Game Development 1/2 • Virtual & Augmented Reality • Mobile App Development • Computer Science Algorithms • Print Media 1/2 • 2-D Animation • Adv. Photo & Digital Design • Music Production 1/2 • AP Calculus** • Math Modeling • Science Research • AP Comp. Science A • Web Development 1/2 • Motion Graphics/Visual Effects • Video Editing & Production • Digital Art & Design 1/2 • 3-D Animation • Data Science • AP Photo & Digital Design** • Adv. Music Production • World Language • AP Cybersecurity	
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • 3-D Gaming & Cybersecurity** • Computer Support Services** • Game Programming & Virtualization** SUMMER CONSIDERATIONS: • Computer Programming 1 • Part-Time Job/Shadow • Digital Art & Design 1 • Volunteer	
12th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	**These courses are only offered to Juniors and Seniors.	

Additional Notes:

Students considering careers in Computer Science and Information Technology are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Computer Science Club
- eSports Club
- Girls in STEAM

- Physics Club
- TEAM/ACES
- VEX Robotics Club

- Video Game Club
- 2D/3D Art Studio
- World Cultures Clubs

EDUCATION & TRAINING

CLUSTER	PATHWAYS		
Education & Training	Administration & Administration Support • Professional Support Services • Teaching & Training		
9 th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Human Growth & Develop. • 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 CONSIDERATIONS: • Art & Design • Part-Time Job/Volunteer (Camp, Park District, Tutoring, etc.)
10 th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science	CLASS CONSIDERATIONS: • Human Growth & Develop. • Teaching Young Children 1/2 • Art & Design • Photography 1/2 • Video Editing & Production • Sociology • Psychology** • Acting 1/2 • Math Modeling • Food & Nutrition • Life by Design • Data Science • Digital Art & Design 1/2 • Print Media 1/2 • Dance Leadership • Public Speaking • PE Senior Leadership** • World Language	
11 th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • Early Education & Teaching 1/2**	SUMMER CONSIDERATIONS: • Art & Design • Part-Time Job/Volunteer (Camp, Park District, Tutoring, etc.)
12 th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	SUMMER CONSIDERATIONS: <i>**These courses are only offered to Juniors and Seniors.</i>	

Additional Notes:

Students considering careers in Education and Training are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Ambassador Yearbook
- 2D/3D Art Studio
- Best Buddies
- Catalyst Club
- Intramurals
- Future Educators of America
- Freshman Mentor Program (FMP)
- Operation Snowball
- Photography Studio
- Peer Helpers
- Peer Tutors
- Poster Design Club
- Print Media Club
- World Cultures Clubs
- Family, Career & Community Leaders of America (FCCLA)

HEALTH SCIENCE

CLUSTER	PATHWAYS
Health Science	<u>Biotechnology Research</u> • <u>Diagnostic Services</u> • <u>Health Informatics</u> • <u>Support Services</u> • <u>Therapeutic Services</u>

9 th Year	REQUIRED/RECOMMENDED: - Advisory - English - Mathematics - Physical Education/Dance - Science - World History	CLASS CONSIDERATIONS: - Human Growth & Develop. - Dance 1/2/3/4 - Food & Nutrition - World Language SUMMER CONSIDERATIONS: - Careers in Health & Medicine - Part-Time Job - Intro to Biotechnology - Volunteer
10 th Year	REQUIRED/RECOMMENDED: - English - Health & Physical Education/Dance - Mathematics - Science	CLASS CONSIDERATIONS: - Human Growth & Develop. - Food & Nutrition - Food Preparation - Biology - Chemistry - Applied Health - Life by Design - Sociology - Psychology - World Language SUMMER CONSIDERATIONS: - Careers in Health & Medicine - SPARK Internship - Intro to Biotechnology - Part-Time Job/Volunteer
11 th Year	REQUIRED/RECOMMENDED: - English - Mathematics - US History - Science - Physical Education/Dance - Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	CLASS CONSIDERATIONS: - Human Growth & Develop. - Food & Nutrition - Food Preparation - Science Research - AP Statistics - Psychology - Anatomy & Physiology - Math Modeling - Applied Health - Life by Design - Data Science - Sociology - Chemistry - Biology - World Language LAKE COUNTY TECH CAMPUS OPTIONS: - Biomedical Science - Certified Nursing Assisting (CNA) - Medical Assistant - Emergency Medical Services** SUMMER CONSIDERATIONS: - Careers in Health & Medicine - Intro to Biotechnology <i>**Courses are offered Freshman year if World History was taken over the summer.</i> <i>NOTE: The SPARK program is only available, via application, during the summer after a student's Sophomore or Junior year.</i>
12 th Year	REQUIRED/RECOMMENDED: - English - Government - Mathematics - Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	

Additional Notes:

Students considering careers in Health Science are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Future Doctors of America (FDA)
- Future Health Professionals (HOSA)
- Future Nurses of America (FNA)
- Biology Olympiad
- Chemistry Club
- Cultural Cuisine Club
- Science Bowl
- Science Olympiad
- Science REACH Club
- Animal Welfare Club
- World Cultures Clubs

HOSPITALITY & TOURISM

CLUSTER		PATHWAYS	
<u>Hospitality & Tourism</u>		<u>Lodging • Recreation, Amusement & Attractions • Restaurants, Food & Beverage Services • Travel & Tourism</u>	
9 th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Food & Nutrition • Photography 1/2 • Print Media 1/2 • 2-D Animation • Video Editing & Production • Motion Graphics/Visual Effects • Business Apps-Tech 1/2 • Digital Art & Design 1/2 • Introduction to Business • 3-D Animation • Web Development 1/2 • World Language	
		SUMMER CONSIDERATIONS: • Business Apps-Tech 1 • Part-Time Job • Intro to Business • Volunteer	
10 th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science • World History	CLASS CONSIDERATIONS: • Food & Nutrition • Gourmet Foods • Introduction to Business • Marketing • Entrepreneurship • Photography 1/2 • AP Photo & Digital Design** • Print Media 1/2 • Web Development 1/2 • 2-D Animation • Psychology* • Public Speaking • World Literature (Seniors Only) • World Language • Math Modeling • Business Apps-Tech 1/2 • Food Preparation • Business Law** • Interior Design • Entrepreneurial Tactics** • Adv. Photo & Digital Design • Digital Art & Design 1/2 • Mobile App Development • Data Science • 3-D Animation • Sociology* • Global Relations • World Religions • AP Human Geography • AP Business with Personal Finance**	
		LAKE COUNTY TECH CAMPUS OPTIONS: • Culinary Arts 1/2**	
11 th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	SUMMER CONSIDERATIONS: • Business Apps-Tech 1 • Introduction to Business • Part-Time Job/Shadow/Volunteer	
12 th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	<i>*Courses are offered Freshman year if World History was taken over the summer.</i> <i>**These courses are only offered to Juniors and Seniors.</i>	

Additional Notes:

Students considering careers in Hospitality and Tourism are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Athletics
- 2D/3D Art Studio
- Cultural Cuisine Club
- Entrepreneurship Club
- Family, Career, & Community Leaders of America (FCCLA)
- World Cultures Clubs
- Geography Club
- Photography Club
- Poster Design Club
- Print Media Club

HUMAN SERVICES

CLUSTER	PATHWAYS	
Human Services	<u>Early Childhood Development • Counseling & Mental Health • Family & Community • Consumer Services • Personal Care Services</u>	
9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Human Growth & Develop. • Clothing & Design 1/2 • World Language • Food & Nutrition • Dance 1/2/3/4 SUMMER CONSIDERATIONS: • Part-Time Job • Volunteer
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science • World History	CLASS CONSIDERATIONS: • Human Growth & Develop. • Teaching Young Children 1/2 • Clothing & Design 1/2 • Business of Fashion & Design • Psychology ** • Food & Nutrition • Life by Design • Interior Design • World Language • Sociology** SUMMER CONSIDERATIONS: • Job Shadow/Part-Time Job • Volunteer
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	CLASS CONSIDERATIONS: • Human Growth & Develop. • Teaching Young Children 1/2 • Clothing & Design 1/2 • Personal Finance • Sociology** • Business of Fashion & Design • PE Senior Leadership** • Food & Nutrition • Data Science • Life by Design • Interior Design • Economics • Psychology** • World Language LAKE COUNTY TECH CAMPUS OPTIONS: • Cosmetology 1/2
12th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	SUMMER CONSIDERATIONS: • Job Shadow/Part-Time Job • Volunteer **These courses are only offered to Juniors and Seniors.

Additional Notes:

Students considering careers in Human Services are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Athletics
- Best Buddies
- Catalyst
- FIRE Club
- Kiva Club
- Key Club International
- Mind Your Mind
- Peer Helpers
- Project Pen Pal
- Psychology Club
- Rotary Youth Club
- SHS Styler Fashion Club
- Students Helping Soldiers
- Student Council
- World Cultures Clubs
- Freshman Mentor Program (FMP)
- Family, Career, & Community Leaders of America (FCCLA)

LAW, PUBLIC SAFETY, SECURITY & GOVERNMENT

CLUSTER	PATHWAYS
<u>Law & Public Safety</u>	<u>Correction • Emergency & Fire Management • Law Enforcement • Legal Services • Security & Protective Services</u>
<u>Government & Administration</u>	<u>Governance • National Security • Planning • Regulation • Revenue & Taxation</u>

9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Introduction to Business • Architectural Design • World Language SUMMER CONSIDERATIONS: • Careers in Law • Introduction to Business • Part-Time Job • Volunteer
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science	CLASS CONSIDERATIONS: • Constitutional Law • World Religions • AP Human Geography • Architectural Design • Public Speaking • World Language • Sociology* • Civil Engineering & Architecture-PLTW • Law in American Society • Global Relations • AP European History • Adv. Architectural Design • Lifeguard Training • Psychology* • AP Cybersecurity SUMMER CONSIDERATIONS: • Careers in Law • Introduction to Business • Part-Time Job • Volunteer
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	CLASS CONSIDERATIONS: • Constitutional Law • World Religions • AP Human Geography • Business Law • Architectural Design • Public Speaking • Philosophy & Pol. Theory • AP African American Studies • Psychology* • AP Environmental Science • AP Comparative Government & Politics • AP Language & Composition (<i>Juniors Only</i>) • Civil Engineering & Architecture-PLTW • Law in American Society • Global Relations • AP European History • Sociology* • Data Science • Adv. Architectural Design • Lifeguard Training/Pool Lead. • Political Thought & Lit.** • World Language • Math Modeling • AP Cybersecurity
12th Year	REQUIRED/RECOMMENDED: • English • Mathematics • Science • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • Criminal Justice • Law Enforcement & CSI** • Fire Fighting** SUMMER CONSIDERATIONS: • Careers in Law • Part-Time Job/Shadow/Volunteer <i>*Courses are offered Freshman year if World History was taken over the summer.</i> <i>**These courses are only offered to Seniors.</i>

Additional Notes:

Students considering careers in Law, Public Safety, Security and Government are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Debate Club
- Law Club
- Psychology Club
- Student Council
- Geography Club
- Political Action Club
- Mock Trial
- Model UN Team

STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATH)

CLUSTER		PATHWAYS	
<u>Science, Technology, Engineering & Math</u>		<u>Engineering & Technology • Science & Math</u>	
9 th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Computer Programming 1 • Intro to Engineering Design-PLTW • Architectural Design • Web Development 1/2 • 2-D Animation • Music Production 1/2 • Virtual & Augmented Reality • Print Media 1/2 • Computer Programming 2 • Digital Art & Design 1/2 • Game Development 1/2 • Video Editing & Production • 3-D Animation • Adv. Music Production • Motion Graphics/Visual Effects • World Language	
		SUMMER CONSIDERATIONS: • Careers in STEM • Computer Programming 1 • Part-Time Job • Introduction to Biotechnology • Digital Art & Design 1/2 • Volunteer	
10 th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science	CLASS CONSIDERATIONS: • Computer Programming 1 • Intro to Engineering Design-PLTW • Architectural Design • AP Comp. Science Principles • Web Development 1/2 • Mobile App Development • Digital Art & Design 1/2 • 2-D/3-D Animation • Music Production 1/2 • Video Editing & Production • Physics • AP Photo & Digital Design** • AP Calculus** • Print Media 1/2 • Chemistry • Electrical Engineering-PLTW • Math Modeling • Civil Engineering & Architecture-PLTW • Computer Integrated Manufacturing-PLTW • Engineering Design & Development-PLTW** • Computer Programming 2 • Computer Science Algorithms • Data Science • AP Comp. Science A • Adv. Architectural Design • Principles of Engineering-PLTW • Game Development 1/2 • Motion Graphics/Visual Effects • Virtual & Augmented Reality • Science Research • Adv. Music Production • Adv. Photo & Digital Design • AP Photo & Digital Design** • Data Science • AP Chemistry • World Language • AP Cybersecurity	
11 th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	SUMMER CONSIDERATIONS: • Careers in STEM • SPARK Internship • Computer Programming 1 • Part-Time Job/Shadow • Introduction to Biotechnology • Astronomy • Digital Art & Design 1/2 • Volunteer	
12 th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Science • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	<i>**These courses are only offered to Juniors and Seniors.</i> <i>NOTE: The SPARK program is only available, via application, during the summer after a student's Sophomore or Junior year.</i>	

Additional Notes:

Students considering careers in Science, Technology, Engineering and Math are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

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

TRANSPORTATION, DISTRIBUTION & LOGISTICS

CLUSTER		PATHWAYS	
Transportation, Distribution & Logistics		<u>Facility & Mobile Equipment Maintenance • Health, Safety & Environmental Management • Logistics Planning & Mgmt. Services</u> <u>Sales & Services • Systems Planning & Mgmt. • Transportation Operations • Warehouse & Distribution Center</u>	
9th Year	REQUIRED/RECOMMENDED: • Advisory • English • Mathematics • Physical Education/Dance • Science • World History	CLASS CONSIDERATIONS: • Intro to Business • World Language • Intro to Engineering Design-PLTW	SUMMER CONSIDERATIONS: • Careers in Business • Part-Time Job • Introduction to Business • Volunteer
10th Year	REQUIRED/RECOMMENDED: • English • Health & Physical Education/Dance • Mathematics • Science	CLASS CONSIDERATIONS: • Entrepreneurship • Entrepreneurial Tactics • Public Speaking • Data Science • Earth Science • AP Environmental Science ** • AP Calculus** • Law in American Society • Global Relations • Math Modeling • Principles of Engineering-PLTW • Electrical Engineering-PLTW • Engineering Design & Development-PLTW** • AP Comparative Government & Politics • Intro to Business • AP Human Geography • AP European History • Psychology* • Sociology* • World Language • Business Law • Constitutional Law • Intro to Engineering Design-PLTW • Civil Engineering-PLTW • AP Business with Personal Finance**	
11th Year	REQUIRED/RECOMMENDED: • English • Mathematics • US History • Science • Physical Education/Dance • Personal Finance OR Economics* <i>*Requirement may also be fulfilled during senior year.</i> <i>*Personal Finance, Economics, AP Macroeconomics or AP Microeconomics will satisfy this credit requirement.</i>	LAKE COUNTY TECH CAMPUS OPTIONS: • Welding Fabrication 1/2 • Automotive Service 1/2 • Automotive Collision Repair 1/2 • Industrial Technology	
12th Year	REQUIRED/RECOMMENDED: • English • Government • Mathematics • Science • Physical Education/Dance* <i>*Academic waiver available if taking six non-PE classes.</i>	SUMMER CONSIDERATIONS: • Careers in Business • Part-Time Job/Shadow/Volunteer <i>*Courses are offered Freshman year if World History was taken over the summer.</i> <i>**These courses are only offered to Juniors and Seniors.</i>	

Additional Notes:

Students considering careers in Science, Technology, Engineering and Math are strongly encouraged to view class considerations and clubs from additional pathway pages based on content area of interest.

Related Clubs & Activities

- Architecture & Engineering Club
- Biology Olympiad
- Chemistry Club
- Computer Science Club
- Girls in STEAM
- Math Team
- Photography Studio
- Science REACH Club
- Physics Club
- Science Olympiad
- Science Bowl
- TEAMS/ACE
- VEX Robotics Club