

# STEVENSON HIGH SCHOOL

CAREER PATHWAYS





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# AGRICULTURE, FOOD & NATURAL RESOURCES

## Cluster

**Agriculture, Food & Natural Res.**

## Pathways

**Agribusiness Systems**

**Food Products & Processing Systems**

**Animal Systems**

**Natural Resource Systems**

**Environmental Service Systems**

**Plant Systems**

**Power, Structural & Technical Systems**

## Related Clubs & Activities

**Horticulture Club**

**Animal Welfare Club**

**Green Team**

**Cultural Cuisine Club**

**Breakfast with Books**

**Food Revolution**

**More SHS Activities**

**Geography Club**

**Bass Fishing Club**

**Bird Watching Club**

**World Cultures Clubs**

## Career Resources

**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

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the **Coursebook** for SHS graduation requirements

<h1>9th</h1>	<b>REQUIRED/RECOMMENDED:</b> <ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Advisory</li> <li>✦ Science</li> <li>✦ PE/Dance</li> <li>✦ World History &amp; Geography</li> </ul>	<b>CLASS CONSIDERATIONS:</b> <ul style="list-style-type: none"> <li>✦ Biology</li> <li>✦ Chemistry</li> <li>✦ Food &amp; Nutrition</li> <li>✦ Introduction to Business</li> <li>✦ World Language</li> </ul> <b>SUMMER CONSIDERATIONS:</b> <ul style="list-style-type: none"> <li>✦ Part-Time Job</li> <li>✦ Introduction to Business</li> <li>✦ Volunteer</li> </ul>
<h1>10th</h1>	<b>REQUIRED/RECOMMENDED:</b> <ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Science</li> <li>✦ Health &amp; PE/Dance</li> </ul>	<b>CLASS CONSIDERATIONS:</b> <ul style="list-style-type: none"> <li>✦ Global Relations</li> <li>✦ AP Human Geography</li> <li>✦ Horticulture</li> <li>✦ Earth Science</li> <li>✦ Earth Science- Dual Credit</li> <li>✦ Biology</li> <li>✦ AP Biology</li> <li>✦ Chemistry</li> <li>✦ AP Chemistry</li> <li>✦ AP Environmental Science (Seniors Only)</li> <li>✦ Science Research</li> <li>✦ Data Science</li> <li>✦ Introduction to Business</li> <li>✦ Food Preparation</li> <li>✦ Gourmet Foods</li> <li>✦ Food &amp; Nutrition</li> <li>✦ World Language</li> </ul>
<h1>11th</h1>	<b>REQUIRED/RECOMMENDED:</b> <ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ US History</li> <li>✦ Science</li> <li>✦ PE/Dance</li> <li>✦ Personal Finance OR Economics* <small>*Requirement may also be fulfilled during senior year.</small></li> </ul> <small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> <ul style="list-style-type: none"> <li>✦ Machining Technology***</li> <li>✦ Principles of Biomed. Sci.***</li> <li>✦ Construction Skills &amp; Management 1/2***</li> </ul>
<h1>12th</h1>	<b>REQUIRED/RECOMMENDED:</b> <ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Government</li> <li>✦ PE/Dance*</li> <li>✦ Mathematics</li> <li>✦ Science</li> </ul> <small>*Academic waiver available if taking 6 non-PE classes.</small>	<b>SUMMER CONSIDERATIONS:</b> <ul style="list-style-type: none"> <li>✦ Intro to Biotechnology</li> <li>✦ Job/Shadow/Volunteer</li> </ul>

\*\*\*These courses are only offered to juniors and seniors

**2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish**



# ARCHITECTURE, CONSTRUCTION & MANUFACTURING

Cluster	Pathways			
	<b>Architecture &amp; Construction</b>	<b>Construction</b>	<b>Design &amp; Pre-Construction</b>	<b>Maintenance &amp; Operations</b>
<b>Manufacturing</b>	<b>Maintenance, Installation &amp; Repair</b>	<b>Process Development</b>	<b>Production</b>	<b>Quality Assurance</b>

## Related Clubs & Activities

### Architecture & Engineering Club

**Girls in STEAM**

**Science REACH Club**

**Math Team**

**Stevenson Backstage**

**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 Exploration**

**Naviance**

**Occupational Outlook Handbook**

**Work-Based Learning Opportunities**

**O\*NET: Architecture Manufacturing**

**IL Pathways: Architecture Manufacturing**

## Recommended College Path

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>CLASS CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Advisory</li> <li>✦ Science</li> <li>✦ PE/Dance</li> <li>✦ World History &amp; Geography</li> </ul>	<ul style="list-style-type: none"> <li>✦ Architectural Design</li> <li>✦ Print Media 1/2</li> <li>✦ Art &amp; Design</li> <li>✦ 2-D Animation</li> <li>✦ Metals &amp; Jewelry</li> <li>✦ Introduction to Business</li> <li>✦ Virtual &amp; Augmented Reality</li> <li>✦ Intro to Engineering-PLTW</li> <li>✦ Digital Art &amp; Design 1/2</li> <li>✦ Mixed Media</li> <li>✦ 3-D Animation</li> <li>✦ Entertain., Prod., &amp; Design</li> <li>✦ World Language</li> </ul>
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>CLASS CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Science</li> <li>✦ Health &amp; PE/Dance</li> </ul>	<ul style="list-style-type: none"> <li>✦ Introduction to Business</li> <li>✦ Entrepreneurship</li> <li>✦ Data Science</li> <li>✦ Science Research</li> <li>✦ Virtual &amp; Augmented Reality</li> <li>✦ AP Physics 1</li> <li>✦ AP Physics 2***</li> <li>✦ AP Physics C***</li> <li>✦ Earth Science/ Dual Cred.</li> <li>✦ AP Environmental Science</li> <li>✦ Architectural Design</li> <li>✦ Adv. Architectural Design</li> <li>✦ Intro to Engineering-PLTW</li> <li>✦ Civil Engineering &amp; Architecture-PLTW</li> <li>✦ Computer Integrated Manufacturing-PLTW</li> <li>✦ Engineering Design &amp; Development-PLTW***</li> <li>✦ Metals &amp; Jewelry</li> <li>✦ Print Media 1/2</li> <li>✦ Mixed Media</li> <li>✦ Digital Art &amp; Design 1/2</li> <li>✦ 2-D / 3-D Animation</li> <li>✦ Art &amp; Design</li> <li>✦ Art History 1/2</li> <li>✦ AP Art History</li> <li>✦ Interior Design</li> <li>✦ Entertain., Prod., &amp; Design</li> <li>✦ Adv. Photo &amp; Digital Design</li> <li>✦ AP Photo &amp; Digital Design***</li> <li>✦ World Language</li> </ul>
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b>
	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ US History</li> <li>✦ Personal Finance OR Economics*</li> </ul> <p><small>*Requirement may also be fulfilled during senior year.</small></p> <p><small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small></p>	<ul style="list-style-type: none"> <li>✦ Machining Technology***</li> <li>✦ Welding Fabrication 1/2***</li> <li>✦ Construction Skills &amp; Management 1/2***</li> </ul>
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>SUMMER CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Government</li> <li>✦ PE/Dance*</li> <li>✦ Mathematics</li> <li>✦ Science</li> </ul> <p><small>*Academic waiver available if taking 6 non-PE classes.</small></p>	<ul style="list-style-type: none"> <li>✦ Digital Art &amp; Design 1</li> <li>✦ Careers in Business</li> <li>✦ Art &amp; Design</li> <li>✦ Job/Shadow/Volunteer</li> </ul> <p><b>***These courses are only offered to juniors and seniors</b></p>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish





# ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

Cluster	Pathways			
<b>Arts, A/V Tech &amp; Communications</b>	<b>Journalism &amp; Broadcasting</b>	<b>Printing Technology</b>	<b>Telecommunications</b>	<b>A/V Technology &amp; Film</b>

## Related Clubs & Activities

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

## Career Resources

- SHS Career Exploration**
- Naviance**
- 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

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)  
 \*Refer to the Coursebook for SHS graduation requirements

9th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ Advisory                      ♦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ♦ Art & Design                      ♦ Digital Art & Design 1/2 ♦ Print Media 1/2                      ♦ Photography 1/2 ♦ 2-D Animation                      ♦ 3-D Animation ♦ Journalistic Writing                ♦ Adv. Journalistic Writing ♦ Broadcast Journalism                ♦ Web Development 1/2 ♦ Music Production 1/2                ♦ Adv. Music Production ♦ Game Development 1/2              ♦ Video Editing & Production ♦ Acting 1/2                              ♦ Entertain., Prod., & Design ♦ Motion Graphics/Visual Effects    ♦ Virtual & Augmented Reality ♦ Publication Design/Production    ♦ World Language
10th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ♦ Art & Design                      ♦ Acting 1/2 ♦ Digital Art & Design 1/2              ♦ Photography 1/2 ♦ Adv. Photo & Digital Design        ♦ AP Photo & Digital Design*** ♦ Print Media 1/2                      ♦ Video Editing & Production ♦ Entertain., Prod., & Design        ♦ Creative Writing*** ♦ Virtual & Augmented Reality       ♦ Creative Writing Seminar*** ♦ Game Development 1/2              ♦ Broadcast Journalism ♦ Web Development 1/2                ♦ Journalistic Writing ♦ Music Production 1/2                ♦ Adv. Journalistic Writing ♦ Adv. Music Production                ♦ Public Speaking ♦ Motion Graphics/Visual Effects    ♦ Data Science ♦ Publication Design/Production    ♦ Science Research ♦ 2-D/ 3-D Animation                  ♦ World Language ♦ Topics in Composition: Film Genres*** ♦ Topics in Composition: Media Analysis***
11th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ US History ♦ Personal Finance OR Economics* <small>*Requirement may also be fulfilled during senior year.</small> <small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ Multimedia Design 1/2***
12th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Mathematics ♦ PE/Dance*                      ♦ Government <small>*Academic waiver available if taking 6 non-PE classes.</small>	<b>SUMMER CONSIDERATIONS:</b> ♦ Art & Design                      ♦ Photography 1 ♦ Digital Art & Design 1                ♦ Creative Writing ♦ Volunteer                              ♦ Job Shadow/PT Job ***These courses are only offered to juniors and seniors

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish



# ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

## Cluster

**Arts, A/V Tech & Communications**

## Pathways

**Performing Arts**

### Related Clubs & Activities

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

### Career Resources

- SHS Career Exploration**
- Naviance**
- 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

- |                       |                  |
|-----------------------|------------------|
| <b>English</b>        | <b>4 Years</b>   |
| <b>Math</b>           | <b>3-4 Years</b> |
| <b>Science</b>        | <b>3-4 Years</b> |
| <b>Social Science</b> | <b>3-4 Years</b> |
| <b>World Language</b> | <b>2-4 Years</b> |
| <b>Fine Arts</b>      | <b>1+ Years</b>  |

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the **Coursebook** for SHS graduation requirements

<h1>9th</h1>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ Advisory                      ♦ World History & Geography	<b>THEATRE CLASS CONSIDERATIONS:</b> ♦ Acting 1/2                      ♦ Entertainment, Prod & Design <b>DANCE CLASS CONSIDERATIONS:</b> ♦ Dance 1/2/3/4 <b>MUSIC CLASS CONSIDERATIONS:</b> ♦ Music Production 1/2                      ♦ Adv. Music Production ♦ Guitar 1/2                                      ♦ Patriot Guitar Ensemble ♦ Piano 1    ♦ Stevenson Singers ♦ Symphonic Band                              ♦ Concert Orchestra ♦ Adv. Symphonic Band                      ♦ Symphonic Orchestra ♦ Freshman Band    ♦ SHS Orchestra    ♦ Concert Band <b>SUMMER CONSIDERATIONS:</b> ♦ Theatre Arts                                      ♦ Part-Time Job/Volunteer
<h1>10th</h1>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ Health & PE/Dance	<b>THEATRE CLASS CONSIDERATIONS:</b> ♦ Entertainment Prod & Design    ♦ Adv. Acting*** ♦ Acting 1/2                                      ♦ Leadership in Theatre*** <b>DANCE CLASS CONSIDERATIONS:</b> ♦ Dance 1/2/3/4                                      ♦ Concert Dance ♦ Ballet/Jazz                                      ♦ Jazz Fusion <b>MUSIC CLASS CONSIDERATIONS:</b> ♦ Music Production 1/2                              ♦ Adv. Music Production ♦ Guitar 1/2                                      ♦ Patriot Guitar Ensemble ♦ Piano 1    ♦ AP Music Theory ♦ Symphonic Band                              ♦ Stevenson Singers ♦ Adv. Symphonic Band                      ♦ Adv. SHS Chorus ♦ Honor Band                                      ♦ Patriot Singers ♦ Concert Orchestra                              ♦ Symphonic Orchestra
<h1>11th</h1>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ US History ♦ 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>	♦ Dance 1/2/3/4                                      ♦ Concert Dance ♦ Ballet/Jazz                                      ♦ Jazz Fusion ♦ Dance Leadership <b>MUSIC CLASS CONSIDERATIONS:</b> ♦ Music Production 1/2                              ♦ Adv. Music Production ♦ Guitar 1/2                                      ♦ Patriot Guitar Ensemble ♦ Piano 1    ♦ AP Music Theory ♦ Symphonic Band                              ♦ Stevenson Singers ♦ Adv. Symphonic Band                      ♦ Adv. SHS Chorus ♦ Honor Band                                      ♦ Patriot Singers ♦ Concert Orchestra                              ♦ Symphonic Orchestra
<h1>12th</h1>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Mathematics ♦ PE/Dance*                      ♦ Government <i>*Academic waiver available if taking 6 non-PE classes.</i>	♦ Concert Orchestra                              ♦ Patriot Singers ♦ Patriot Orchestra <b>SUMMER CONSIDERATIONS:</b> ♦ Theatre Arts                                      ♦ PT Job/Shadow/Volunteer  <b>***These courses are only offered to juniors and seniors</b>

**2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish**



## Related Clubs & Activities

- 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**
- Film Club**   **Print Media Club**
- Girls in STEAM**   **SHS Styler Fashion Club**
- In The Loop (Knitting)**   **Stevenson Backstage**
- More SHS Activities**   **World Cultures Clubs**

## Career Resources

- SHS Career Exploration**
- Naviance**
- 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

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the **Coursebook** for SHS graduation requirements

# ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

Cluster	Pathways	
<b>Arts, A/V Tech &amp; Communications</b>	<b>Visual Arts</b>	
9th	<b>REQUIRED/RECOMMENDED:</b> ✦ English ✦ Mathematics ✦ Advisory ✦ Science ✦ PE/Dance ✦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ✦ Art & Design ✦ Mixed Media ✦ Metals/Jewelry ✦ Print Media 1/2 ✦ Photography 1/2 ✦ Video Editing & Production ✦ Entertain., Prod. & Design ✦ Virtual & Augmented Reality ✦ Drawing ✦ Ceramics ✦ 2-D Animation ✦ Web Dev 1/2 ✦ Painting ✦ Sculpture ✦ 3-D Animation ✦ Game Dev 1/2 ✦ Digital Art & Design 1/2 ✦ Motion Graphics/Visual Effects ✦ Clothing & Design 1/2 ✦ World Language <b>SUMMER CONSIDERATIONS:</b> ✦ Art & Design ✦ Photography 1 ✦ Digital Art & Design 1 ✦ Part-Time Job/Volunteer
10th	<b>REQUIRED/RECOMMENDED:</b> ✦ English ✦ Mathematics ✦ Science ✦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ✦ Art & Design ✦ Mixed Media ✦ Metals/Jewelry ✦ Print Media 1/2 ✦ Adv. 3-D Art ✦ Photography 1/2 ✦ AP Photo & Digital Design*** ✦ Adv. Photo & Digital Design ✦ Video Editing & Production ✦ Virtual & Augmented Reality ✦ Entertain., Prod., & Design ✦ Motion Graphics/Visual Effects ✦ Clothing & Design 1/2 ✦ Adv. Drawing/Painting/Mixed Media ✦ AP Art: Drawing/2-D/3-D Design*** ✦ Topics in Composition: Media Analysis & Film Genres*** ✦ Drawing ✦ Ceramics ✦ 2-D Animation ✦ Web Dev 1/2 ✦ Data Science ✦ Painting ✦ Sculpture ✦ 3-D Animation ✦ Game Dev 1/2 ✦ Art Hist. 1/2/AP ✦ Clothing & Design 1/2 ✦ Adv. Ceramics, Met. & Sculpt. ✦ Digital Art & Design 1/2 ✦ Anatomy & Physiology*** ✦ Science Research ✦ World Language
11th	<b>REQUIRED/RECOMMENDED:</b> ✦ English ✦ Mathematics ✦ US History ✦ Science ✦ PE/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>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ✦ Multimedia Design 1/2*** <b>SUMMER CONSIDERATIONS:</b> ✦ Art & Design ✦ Photography 1 ✦ Digital Art & Design 1 ✦ PT Job/Shadow/Volunteer
12th	<b>REQUIRED/RECOMMENDED:</b> ✦ English ✦ PE/Dance* ✦ Mathematics ✦ Government <i>*Academic waiver available if taking 6 non-PE classes.</i>	<b>SUMMER CONSIDERATIONS:</b> ✦ Art & Design ✦ Photography 1 ✦ Digital Art & Design 1 ✦ PT Job/Shadow/Volunteer <b>***These courses are only offered to juniors and seniors</b>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish





# BUSINESS MANAGEMENT, FINANCE & MARKETING

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

## Related Clubs & Activities

**Business Professionals of America (BPA)**

**Future Business Leaders of America (FBLA)**

**Family, Career & Community Leaders of America**

**Debate Club**

**Poster Design Club**

**Entrepreneurship Club**

**Print Media Club**

**Photography Studio**

**SHS Styler Fashion Club**

**More SHS Activities**

**Sports Analytics Club**

**World Cultures Clubs**

## Career Resources

**SHS Career Exploration**

**Naviance**

**Occupational Outlook Handbook**

**Work-Based Learning Opportunities**

**O\*NET:** Business Finance Marketing

**IL Pathways:** Business Finance Marketing

## Recommended College Path

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Advisory ♦ Science ♦ PE/Dance ♦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ♦ 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 <b>SUMMER CONSIDERATIONS:</b> ♦ Introduction to Business ♦ Business Apps-Tech 1 ♦ Digital Art & Design 1 ♦ Part-Time Job ♦ Careers in Business ♦ Photography 1 ♦ Theatre Arts ♦ Volunteer
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Science ♦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ♦ Investment Management*** ♦ Accounting 1/2/ Adv. ♦ Entrepreneurship ♦ Business Law ♦ Marketing ♦ Personal Finance ♦ Personal Finance (Online) ♦ AP Macroeconomics ♦ AP Microeconomics ♦ AP Statistics ♦ AP Environmental Science ♦ Data Science ♦ Science Research ♦ Economics ♦ Introduction to Business (Freshmen & Sophomores Only) ♦ Business of Fashion & Design ♦ Digital Art & Design 1/2 ♦ Business Apps-Tech 1/2 ♦ Entrepreneurial Tactics*** ♦ Photography 1/2 ♦ Print Media 1/2 ♦ Acting 1/2 ♦ Adv. Photo & Digital Design ♦ AP Photo & Digital Design*** ♦ Public Speaking ♦ Dance Leadership ♦ World Language
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ US History ♦ Personal Finance OR Economics* <small>*Requirement may also be fulfilled during senior year.</small> <small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small>	<b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Business ♦ Business Apps-Tech 1 ♦ Photography 1 ♦ Job Shadow/PT Job ♦ Economics ♦ Digital Art & Design 1 ♦ Theatre Arts ♦ Volunteer
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ PE/Dance* ♦ Mathematics ♦ Government <small>*Academic waiver available if taking 6 non-PE classes.</small>	<b>***These courses are only offered to juniors and seniors</b>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish





## Related Clubs & Activities

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

## Career Resources

**SHS Career Exploration**

**Naviance**

**Occupational Outlook Handbook**

**Work-Based Learning Opportunities**

**O\*NET:** **Careers in Information Tech**

**IL Pathways:** **Careers in Information Tech**

## Recommended College Path

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

# COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Cluster	Pathways			
	Information Support Services	Network Systems	Programming & Software Development	Web & Digital Communications
<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ Advisory                      ♦ World History & Geography		<b>CLASS CONSIDERATIONS:</b> ♦ Computer Prog 1                      ♦ Motion Graphics/Visual Effects ♦ Computer Prog 2                      ♦ Print Media 1/2 ♦ Game Development 1/2                ♦ Digital Art & Design 1/2 ♦ Virtual & Augmented Reality        ♦ 3-D Animation ♦ Web Development 1/2                ♦ Adv. Music Production ♦ 2-D Animation                        ♦ World Language ♦ Music Production 1/2 ♦ Video Editing & Production <b>SUMMER CONSIDERATIONS:</b> ♦ Computer Prog 1/2                      ♦ Digital Art & Design 1 ♦ Part-Time Job                        ♦ Volunteer	
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ Health & PE/Dance		<b>CLASS CONSIDERATIONS:</b> ♦ Computer Prog 1/2                      ♦ Science Research ♦ AP Comp Science Principles        ♦ AP Comp Science A ♦ Game Development 1/2                ♦ Data Science ♦ Virtual & Augmented Reality        ♦ Web Development 1/2 ♦ Mobile App Development            ♦ Motion Graphics/Visual Effects ♦ Comp Sci Algorithms                ♦ Video Editing & Production ♦ Print Media 1/2                        ♦ 3-D Animation ♦ 2-D Animation                        ♦ Digital Art & Design 1/2 ♦ Adv. Photo & Digital Design        ♦ AP Photo & Digital Design*** ♦ Music Production 1/2                ♦ Adv. Music Production ♦ AP Calculus***                        ♦ World Language <b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ 3-D Gaming & Cybersecurity*** ♦ Computer Support Services*** ♦ Game Programming & Virtualization***	
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ US History ♦ 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>		<b>SUMMER CONSIDERATIONS:</b> ♦ Computer Prog 1/2                      ♦ Digital Art & Design 1 ♦ PT Job/Shadow                        ♦ Volunteer  <b>***These courses are only offered to juniors and seniors</b>	
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Mathematics ♦ PE/Dance*                      ♦ Government <i>*Academic waiver available if taking 6 non-PE classes.</i>			

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish



# EDUCATION & TRAINING

Cluster	Pathways		
<b>Education &amp; Training</b>	<b>Administration &amp; Administration Support</b>	<b>Professional Support Services</b>	<b>Teaching &amp; Training</b>

## Related Clubs & Activities

- |   |                                    |
|---|------------------------------------|
| <b><u>Ambassador Yearbook</u></b>                               | <b><u>Operation Snowball</u></b>   |
| <b><u>Athletics</u></b>   | <b><u>Photography Studio</u></b>   |
| <b><u>2D/3D Art Studio</u></b>                                  | <b><u>Peer Helpers</u></b>         |
| <b><u>Best Buddies</u></b>                                      | <b><u>Peer Tutors</u></b>          |
| <b><u>Catalyst Club</u></b>                                     | <b><u>Poster Design Club</u></b>   |
| <b><u>Intramurals</u></b>                                       | <b><u>Print Media Club</u></b>     |
| <b><u>Future Educators of Am.</u></b>                           | <b><u>World Cultures Clubs</u></b> |
| <b><u>Freshman Mentor Program (FMP)</u></b>                     | <b><u>More SHS Activities</u></b>  |
| <b><u>Family, Career &amp; Community Leaders of America</u></b> |                                    |

## Career Resources

- SHS Career Exploration**
- Naviance**
- Occupational Outlook Handbook**
- Work-Based Learning Opportunities**
- O\*NET:**            **Careers in Education & Training**
- IL Pathways:**    **Careers in Education & Training**

## Recommended College Path

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the [Coursebook](#) for SHS graduation requirements

9th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ Advisory                      ♦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development    ♦ Food & Nutrition ♦ Art & Design                            ♦ Digital Art & Design 1/2 ♦ Video Editing & Production        ♦ Print Media 1/2 ♦ Motion Graphics/Visual Effects      ♦ Photography 1/2 ♦ Acting 1/2                                ♦ World Language  <b>SUMMER CONSIDERATIONS:</b> ♦ Art & Design ♦ Volunteer/PT Job (Camp, Park District, Tutoring)
10th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ♦ Teaching Young Children 1/2        ♦ Acting 1/2 ♦ Art & Design                            ♦ Photography 1/2 ♦ Digital Art & Design 1/2              ♦ Print Media 1/2 ♦ Life by Design                         ♦ Public Speaking ♦ Video Editing & Production        ♦ Sociology** ♦ Motion Graphics/Visual Effects      ♦ Psychology** ♦ Data Science                            ♦ Dance Leadership ♦ Science Research                      ♦ PE Senior Leadership ♦ Human Growth & Development    ♦ World Language ♦ Food & Nutrition
11th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Science ♦ Mathematics                ♦ PE/Dance ♦ US History  ♦ 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>	♦ Video Editing & Production        ♦ Sociology** ♦ Motion Graphics/Visual Effects      ♦ Psychology** ♦ Data Science                            ♦ Dance Leadership ♦ Science Research                      ♦ PE Senior Leadership ♦ Human Growth & Development    ♦ World Language ♦ Food & Nutrition  <b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ Early Education & Teaching 1/2 (Juniors and Seniors Only)  <b>SUMMER CONSIDERATIONS:</b> ♦ Art & Design ♦ Volunteer/PT Job (Camp, Park District, Tutoring)
12th	<b>REQUIRED/RECOMMENDED:</b> ♦ English                      ♦ Mathematics ♦ PE/Dance*                    ♦ Government <i>*Academic waiver available if taking 6 non-PE classes.</i>	♦ Art & Design ♦ Volunteer/PT Job (Camp, Park District, Tutoring)

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish

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



# HEALTH SCIENCE

Cluster	Pathways				
	Biotechnology Research	Diagnostic Services	Health Informatics	Support Services	Therapeutic Services

<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Advisory ♦ Science ♦ PE/Dance ♦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Dance 1/2/3/4 ♦ Food & Nutrition ♦ World Language <b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Health & Medicine ♦ Part-Time Job ♦ Intro to Biotechnology ♦ Volunteer
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Science ♦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Food & Nutrition ♦ Food Preparation ♦ AP Biology ♦ AP Chemistry ♦ Applied Health ♦ Life by Design ♦ Sociology** ♦ Psychology** ♦ World Language <b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Health & Medicine ♦ SPARK Internship ♦ Intro to Biotechnology ♦ Part-Time Job/Volunteer
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ US History ♦ Personal Finance OR Economics* <small>*Requirement may also be fulfilled during senior year.</small> <small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small>	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Food & Nutrition ♦ Food Preparation ♦ AP Statistics ♦ AP Chemistry ♦ Anatomy & Physiology ♦ Science Research ♦ Data Science ♦ Applied Health ♦ Life by Design ♦ Sociology** ♦ Psychology** ♦ World Language
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Government ♦ PE/Dance* ♦ Mathematics ♦ Science <small>*Academic waiver available if taking 6 non-PE classes.</small>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ Biomedical Science ♦ Certified Nurse Assisting (CNA) ♦ Emergency Medical Services ♦ Medical Assisting <b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Health & Medicine ♦ PT Job/Shadow/Volunteer ♦ Intro to Biotechnology ♦ SPARK Internship <small>**Courses are offered freshman year if World History was taken over summer</small> <b>The SPARK program is only available, via application, during the summer after a student's sophomore or junior year</b>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish

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 Human Services pathway pages

## Related Clubs & Activities

**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

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](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements



# HOSPITALITY & TOURISM

## Cluster

**Hospitality & Tourism**

## Pathways

**Lodging**

**Recreation, Amusement & Attractions**

**Restaurants, Food & Beverage Services**

**Travel & Tourism**

## Related Clubs & Activities

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

## 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

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

Grade	REQUIRED/RECOMMENDED:	CLASS CONSIDERATIONS:
<b>9th</b>	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Advisory</li> <li>✦ Science</li> <li>✦ PE/Dance</li> <li>✦ World History &amp; Geography</li> </ul>	<p><b>CLASS CONSIDERATIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Food &amp; Nutrition</li> <li>✦ Photography 1/2</li> <li>✦ Print Media 1/2</li> <li>✦ 2-D Animation</li> <li>✦ Video Editing &amp; Production</li> <li>✦ Motion Graphics/Visual Effects</li> <li>✦ Introduction to Business</li> <li>✦ Business Apps-Tech 1/2</li> <li>✦ Digital Art &amp; Design 1/2</li> <li>✦ 3-D Animation</li> <li>✦ Web Development 1/2</li> <li>✦ World Language</li> </ul> <p><b>SUMMER CONSIDERATIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Business Apps-Tech 1</li> <li>✦ Part-Time Job</li> <li>✦ Introduction to Business</li> <li>✦ Volunteer</li> </ul>
<b>10th</b>	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ Science</li> <li>✦ Health &amp; PE/Dance</li> </ul>	<p><b>CLASS CONSIDERATIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Food &amp; Nutrition</li> <li>✦ Food Preparation</li> <li>✦ Gourmet Foods</li> <li>✦ Interior Design</li> <li>✦ Introduction to Business</li> <li>✦ Entrepreneurship</li> <li>✦ Marketing</li> <li>✦ Business Law*</li> <li>✦ Entrepreneurial Tactics*</li> <li>✦ Global Relations</li> <li>✦ World Religions</li> <li>✦ AP Human Geography</li> <li>✦ Public Speaking</li> <li>✦ World Lit (Seniors Only)</li> <li>✦ Print Media 1/2</li> <li>✦ Web Development 1/2</li> <li>✦ Photography 1/2</li> <li>✦ Adv. Photo &amp; Digital Design</li> <li>✦ AP Photo &amp; Digital Design*</li> <li>✦ Digital Art &amp; Design 1/2</li> <li>✦ Business Apps-Tech 1/2</li> <li>✦ Mobile App Development</li> <li>✦ 2-D Animation</li> <li>✦ 3-D Animation</li> <li>✦ Science Research</li> <li>✦ Data Science</li> <li>✦ Psychology**</li> <li>✦ Sociology**</li> <li>✦ World Language</li> </ul>
<b>11th</b>	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ Mathematics</li> <li>✦ US History</li> <li>✦ Science</li> <li>✦ PE/Dance</li> <li>✦ Personal Finance OR Economics*</li> </ul> <p><small>*Requirement may also be fulfilled during senior year.</small></p> <p><small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small></p>	<p><b>LAKE COUNTY TECH CAMPUS OPTIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Culinary Arts 1/2***</li> </ul> <p><b>SUMMER CONSIDERATIONS:</b></p> <ul style="list-style-type: none"> <li>✦ Business Apps-Tech 1</li> <li>✦ Introduction to Business</li> <li>✦ PT Job/Shadow/Volunteer</li> </ul>
<b>12th</b>	<ul style="list-style-type: none"> <li>✦ English</li> <li>✦ PE/Dance*</li> <li>✦ Mathematics</li> <li>✦ Government</li> </ul> <p><small>*Academic waiver available if taking 6 non-PE classes.</small></p>	<p><small>*Courses are offered for juniors and seniors</small></p> <p><small>**Courses are offered freshman year if World History was taken over summer</small></p>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish





# HUMAN SERVICES

Cluster	Pathways				
<b>Human Services</b>	<b>Early Childhood Development</b>	<b>Counseling &amp; Mental Health</b>	<b>Family &amp; Community</b>	<b>Consumer Services</b>	<b>Personal Care Services</b>

## Related Clubs & Activities

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

## 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

<b>English</b>	<b>4 Years</b>
<b>Math</b>	<b>3-4 Years</b>
<b>Science</b>	<b>3-4 Years</b>
<b>Social Science</b>	<b>3-4 Years</b>
<b>World Language</b>	<b>2-4 Years</b>
<b>Fine Arts</b>	<b>1+ Years</b>

All Fine Arts Classes: [www.d125.org/arts](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the **Coursebook** for SHS graduation requirements

<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Advisory ♦ Science ♦ PE/Dance ♦ World History & Geography	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Clothing & Design 1/2 ♦ World Language ♦ Food & Nutrition ♦ Part-Time Job ♦ Volunteer <b>SUMMER CONSIDERATIONS:</b>
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Science ♦ Health & PE/Dance	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Teaching Young Children 1/2 ♦ Clothing & Design 1/2 ♦ Business of Fashion & Design ♦ Life by Design ♦ Food & Nutrition ♦ Interior Design ♦ Psychology** ♦ Sociology** ♦ World Language <b>SUMMER CONSIDERATIONS:</b> ♦ Job Shadow/PT Job ♦ Volunteer
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ US History ♦ Personal Finance OR Economics* <small>*Requirement may also be fulfilled during senior year.</small> <small>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</small>	<b>CLASS CONSIDERATIONS:</b> ♦ Human Growth & Development ♦ Teaching Young Children 1/2 ♦ Personal Finance ♦ Economics ♦ Business of Fashion & Design ♦ Clothing & Design 1/2 ♦ Data Science ♦ Science Research ♦ Life by Design ♦ Interior Design ♦ Food & Nutrition ♦ Sociology** ♦ Psychology** ♦ PE Senior Leadership ♦ World Language
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ PE/Dance* ♦ Mathematics ♦ Government <small>*Academic waiver available if taking 6 non-PE classes.</small>	<b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ Cosmetology 1/2 <b>SUMMER CONSIDERATIONS:</b> ♦ Job Shadow/PT Job ♦ Volunteer <small>**Courses offered freshman year if World History was taken over summer</small>

**2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish**

**For students considering careers in Human Services that involve components of art it is strongly encouraged to consider classes and clubs found on the Visual Arts pathway page**



# LAW, PUBLIC SAFETY, SECURITY & GOVERNMENT

Cluster	Pathways				
	Corrections	Emergency & Fire Management	Law Enforcement	Legal Services	Security & Protective Services
Govt. & Admin	Governance	National Security	Planning	Regulation	Revenue & Taxation

## Related Clubs & Activities

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

## Career Resources

- SHS Career Exploration
- Naviance
- Occupational Outlook Handbook
- Work-Based Learning Opportunities
- O\*NET:      Law & Safety      Government
- IL Pathways:      Law & Safety      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](http://www.d125.org/arts)  
 All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>CLASS CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>English</li> <li>Mathematics</li> <li>Advisory</li> </ul>	<ul style="list-style-type: none"> <li>Science</li> <li>PE/Dance</li> <li>World History &amp; Geography</li> </ul>
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>CLASS CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>English</li> <li>Mathematics</li> </ul>	<ul style="list-style-type: none"> <li>Science</li> <li>Health &amp; PE/Dance</li> </ul>
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b>	<b>CLASS CONSIDERATIONS:</b>
	<ul style="list-style-type: none"> <li>English</li> <li>Mathematics</li> <li>US History</li> <li>Personal Finance OR Economics*</li> </ul> <p><i>*Requirement may also be fulfilled during senior year.</i></p> <p><i>*Personal Finance, Economics, AP Macroeconomics, or AP Microeconomics will satisfy this credit requirement.</i></p>	<ul style="list-style-type: none"> <li>Science</li> <li>PE/Dance</li> </ul>
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b>	
	<ul style="list-style-type: none"> <li>English</li> <li>PE/Dance*</li> </ul> <p><i>*Academic waiver available if taking 6 non-PE classes.</i></p>	<ul style="list-style-type: none"> <li>Mathematics</li> <li>Government</li> </ul>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish



# SCIENCE, TECH, ENGINEERING & MATH

## Cluster

## Pathways

### STEM

### Engineering & Technology

### Science & Mathematics

## Related Clubs & Activities

### 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 Exploration

### Naviance

### Occupational Outlook Handbook

### Work-Based Learning Opportunities

### O\*NET: [Careers in STEM](#)

### IL 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: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

## 9th

### REQUIRED/RECOMMENDED:

- ✦ English
- ✦ Mathematics
- ✦ Advisory
- ✦ Science
- ✦ PE/Dance
- ✦ World History & Geography

### CLASS CONSIDERATIONS:

- ✦ Computer Prog 1
- ✦ Intro to Engineering-PLTW
- ✦ Architectural Design
- ✦ Web Development 1/2
- ✦ 2-D Animation
- ✦ Music Production 1/2
- ✦ Virtual & Augmented Reality
- ✦ Print Media 1/2
- ✦ Computer Prog 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 Prog 1/2
- ✦ Part-Time Job
- ✦ Intro to Biotechnology
- ✦ Digital Art & Design 1
- ✦ Volunteer

## 10th

### REQUIRED/RECOMMENDED:

- ✦ English
- ✦ Mathematics
- ✦ Science
- ✦ Health & PE/Dance

### CLASS CONSIDERATIONS:

- ✦ Computer Prog 1
- ✦ Computer Prog 2
- ✦ AP Comp Science A
- ✦ Chemistry
- ✦ AP Chemistry
- ✦ AP Physics 1
- ✦ AP Physics 2\*\*\*
- ✦ AP Physics C\*\*\*
- ✦ AP Calculus\*\*\*
- ✦ Science Research
- ✦ Data Science
- ✦ Intro to Engineering-PLTW
- ✦ Architectural Design
- ✦ Adv. Architectural Design
- ✦ Electrical Engineering-PLTW
- ✦ Principles of Engineering
- ✦ Civil Engineering and Architecture-PLTW
- ✦ Computer Integrated Manufacturing-PLTW
- ✦ Engineering Design and Development-PLTW\*\*\*
- ✦ Mobile App Development
- ✦ Comp Sci Algorithms
- ✦ AP Comp Science Principles
- ✦ Game Development 1/2
- ✦ Digital Art & Design 1/2
- ✦ Web Development 1/2
- ✦ 2-D/3-D Animation
- ✦ Motion Graphics/Visual Effects
- ✦ Virtual & Augmented Reality
- ✦ Music Production 1/2
- ✦ Video Editing & Production
- ✦ Adv. Music Production
- ✦ Print Media 1/2
- ✦ Adv. Photo & Digital Design
- ✦ AP Photo & Digital Design\*\*\*
- ✦ World Language

## 11th

### REQUIRED/RECOMMENDED:

- ✦ English
- ✦ Mathematics
- ✦ US History
- ✦ Science
- ✦ PE/Dance
- ✦ 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.

## 12th

### REQUIRED/RECOMMENDED:

- ✦ English
- ✦ Government
- ✦ PE/Dance\*
- ✦ Mathematics
- ✦ Science

\*Academic waiver available if taking 6 non-PE classes.

### SUMMER CONSIDERATIONS:

- ✦ Careers in STEM
- ✦ SPARK Internship
- ✦ Computer Prog 1/2
- ✦ Digital Art & Design 1
- ✦ Intro to Biotechnology
- ✦ Astronomy
- ✦ Job Shadow/PT Job
- ✦ 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**

**2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish**





## Related Clubs & Activities

Debate Club

Political Action Club

Geography Club

Psychology Club

Model UN Team

Student Council

Aviation & Aerospace

Busi. Prof. Of America

Auto Club

FBLA

TEAMS/ACES

VEX Robotics Club

World Cultures Clubs

More SHS Activities

## Career Resources

SHS Career Exploration

Naviance

Occupational Outlook Handbook

Work-Based Learning Opportunities

O\*NET: Transportation

IL 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: [www.d125.org/arts](http://www.d125.org/arts)

All Applied Arts Classes: [www.d125.org/academics/applied-arts](http://www.d125.org/academics/applied-arts)

\*Refer to the Coursebook for SHS graduation requirements

# TRANSPORTATION, DISTRIBUTION & LOGISTICS

Cluster	Pathways				
	<u>Transportation, Distribution &amp; Logistics</u>	<u>Facility &amp; Mobile Equipment Maintenance</u>	<u>Health, Safety &amp; Environmental Management</u>	<u>Logistics Planning &amp; Management Services</u>	<u>Sales &amp; Service Transportation Operations</u>
<b>9th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ Advisory		♦ Science ♦ PE/Dance ♦ World History & Geography		<b>CLASS CONSIDERATIONS:</b> ♦ Intro to Business   ♦ Intro to Engineering   ♦ World Language  <b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Business   ♦ Introduction to Business ♦ Part-Time Job   ♦ Volunteer
<b>10th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics		♦ Science ♦ Health & PE/Dance		<b>CLASS CONSIDERATIONS:</b> ♦ Entrepreneurship   ♦ Intro to Business ♦ Entrepreneurial Tactics   ♦ AP Human Geography ♦ Public Speaking   ♦ AP European History ♦ Data Science   ♦ Psychology** ♦ Earth Science   ♦ Sociology** ♦ AP Environmental Science***   ♦ World Language ♦ Business Law ♦ Law in American Society ♦ Constitutional law ♦ Global Relations
<b>11th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ Mathematics ♦ US History		♦ Science ♦ PE/Dance		♦ Intro to Engineering & Design-PLTW ♦ Principles of Engineering-PLTW ♦ Civil Engineering & Architecture-PLTW ♦ Electrical Engineering-PLTW ♦ Engineering Design & Development-PLTW*** ♦ AP Comparative Government & Politics  <b>LAKE COUNTY TECH CAMPUS OPTIONS:</b> ♦ Welding-Fabrication 1 & 2   ♦ Industrial Technology ♦ Automotive Collision Repair 1 & 2 ♦ Automotive Service 1 & 2
<b>12th</b>	<b>REQUIRED/RECOMMENDED:</b> ♦ English ♦ PE/Dance*		♦ Mathematics ♦ Government		<b>SUMMER CONSIDERATIONS:</b> ♦ Careers in Business   ♦ PT Job/Shadow/Volunteer ♦ Part-time Job   ♦ Volunteer  <b>**Courses are offered freshman year if World History was taken over summer</b> <b>***These courses are only offered to juniors and seniors</b>

2-4 years of World Language suggested for college/career opportunities: French/German/Hebrew/Latin/Mandarin/Spanish