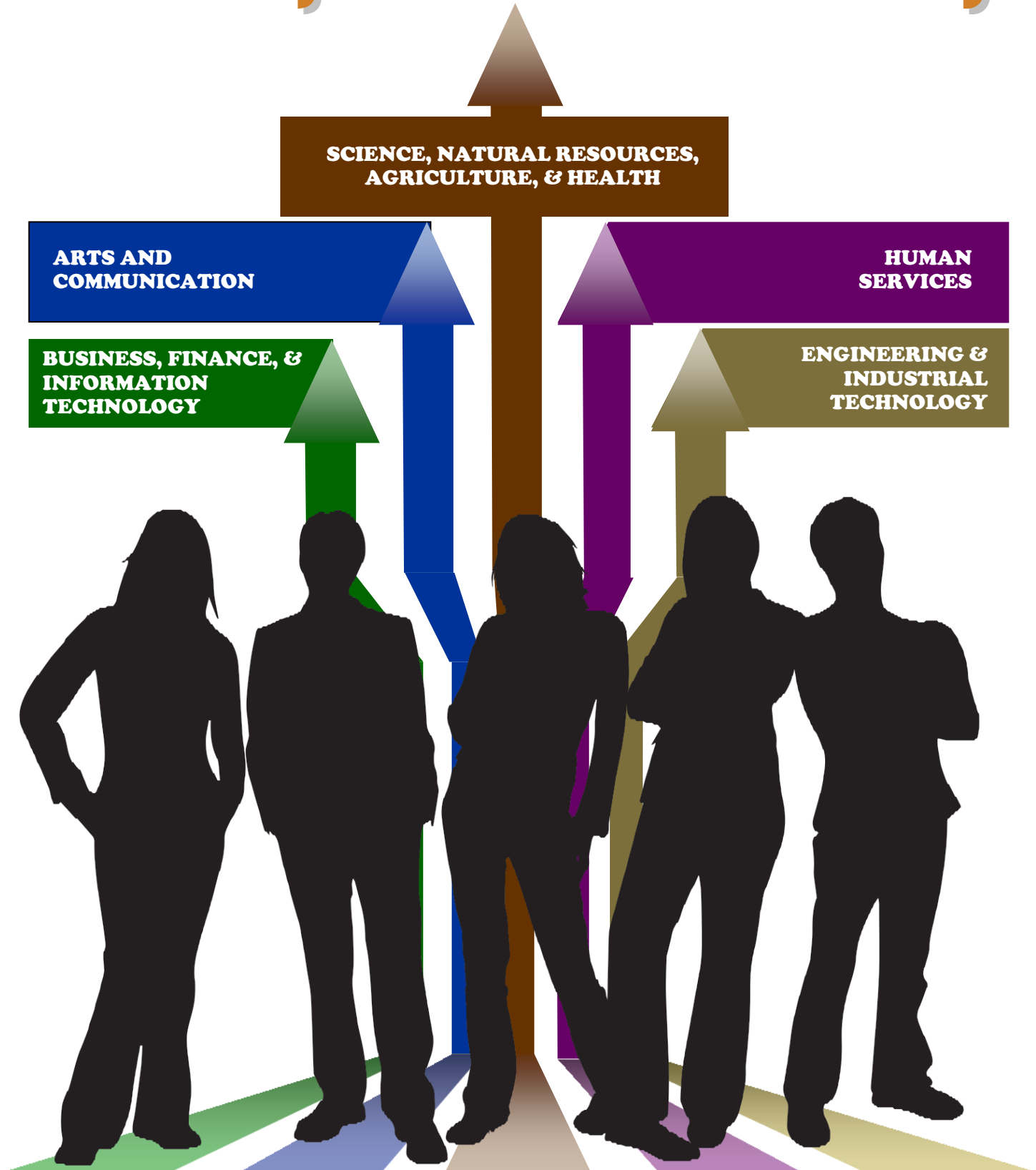


# Jersey Shore Area Senior High School Courses of Studies and Pathways



## Compliance Statement

It is the policy of the Jersey Shore Area School District not to discriminate on the basis of race, sex, religion, color, national origin, age, handicap or limited English proficiency in its educational programs, services, facilities, activities or employment policies as required by Title IX of the 1972 Educational Amendments, Title VI and VII of the Civil Rights Act of 1964, as amended, Section 504 Regulations of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Section 204 Regulations of the 1984 Carl D. Perkins Act or any applicable federal statute.

For information regarding programs, services, activities, and facilities that are accessible to and usable by handicapped persons or for inquiries regarding civil rights compliance, contact: Jersey Shore Area School District, 75 A&P Drive, Jersey Shore, PA 17740, 570-398-1561; or the Director of the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C.

*Revised Edition 01.27.15*

*Revised: 01/27/15*

## Learning Pathway Alignment – 9<sup>th</sup> Grade

Class	Arts and Communications	Business and Technology	Engineering and Industrial Technology		Human Services	Science, Agriculture, and Health	Liberal Arts* <i>College Bound</i>
			Electronics and Transportation	Construction and Manufacturing			
<b>English</b>	English 9 or English 9 Honors	English 9 or English 9 Honors	English 9 or English 9 Honors	English 9 or English 9 Honors	English 9 or English 9 Honors	English 9 or English 9 Honors	English 9 or English 9 Honors
<b>Math</b>	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry	Career / Academic Algebra or Geometry
<b>Science</b>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>	Earth and Space and Physics First or <i>Honors Biology</i>
<b>Social Studies</b>	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century	US History 1 or 19 <sup>th</sup> Century
Pathway Rotation OR Gateway Courses (1 Credit)	Pathway Rotation	Pathway Rotation	Pathway Rotation	Pathway Rotation	Pathway Rotation	Pathway Rotation	Academic Elective
	<i>Multimedia Design*</i>	Introduction to Business	<i>Survey of Electronic Automation Tech*</i>	<i>Survey of Building and Engineering Trades.*</i>	<i>Survey of Human Services*</i>	<i>Science, Technology, and Society*</i>	Academic Elective
Required Electives	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>	Personal Finance (.5) Physical Education(.5) <i>FCS-Music-Art (.5)</i> <i>Tech. Ed. (.5)</i>
Electives (2 Credits)	Art / Music Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology <i>Other</i>	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

\* New course

Revised: 01/27/15

# Arts and Communications (AC) Pathway

This pathway is designed to cultivate students' awareness, interpretation, application and production of visual, verbal and written work.

## Pathway Focus Areas

### \*Performing Arts (PA)

### \*Visual Arts (VA)

### \*Publishing Arts (PU)

#### Are you interested in ...

Acting  
Attending concerts  
Decorating  
Fashion  
Interviewing and reviewing  
Multi-media  
News reporting and writing  
Performing in a band, chorus  
Radio, TV, Film, Video

#### Can you...

Act                      Articulate clearly  
Be creative            Draw  
Meet deadlines  
Paint  
Sell  
Sculpt  
Sing  
Play an instrument  
Write and conduct interviews  
Write

#### Do you enjoy...

Developing creative solutions  
Making videos  
Performing in front of a live audience  
Seeking creative ideas  
Working with sound effects  
Working with computers  
Working with film props  
Working with illustrations

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

Circulation (PU) Copy  
Person (PU) Desktop  
Publisher (PU) Film  
Loader (VA)  
Floral Designer (VA)  
Florist (VA) Model  
(PA)  
Newsroom Worker (PU)  
Projectionist (VA) Radio  
Operator (PA) Set  
Designer (PA)  
Sound Technician (VA)  
Stage Hand (PA)  
Stunt Performer (PA)

### Technical/Skilled (1-3 yrs)

Actor (PA)  
Animator (VA)  
Artist (VA)  
Billboard and Sign Artist (PU)  
Book Illustrator (PA)  
Broadcast Technician (VA)  
Camera Technician (VA)  
Choreographer (PA)  
Computer Graphic Artist (VA,PA)  
Dancer (PA)  
Disc jockey (PA) Fashion  
Designer (VA) Furniture  
Designer (VA) Interior  
Designer (VA) Jeweler  
Make-up Artist (VA)  
Musician (PA)  
Photographer (VA)  
Recording Engineer (VA)  
Talent Agent (PA)  
Textile Designer/Stylist(VA)  
Video Manager (VA) Web  
Designer (PU)

### Professional (4 + yrs)

Advertising Creator (VA)  
Art Director (VA)  
Art or Music Teacher (PA)  
Art Historian (VA)  
Art Restorer (VA)  
Cinematographer (PA)  
Composer (PA)  
Copy Writer (PU)  
Curator (VA) Film  
Editor (PA)  
Illustrator (VA)  
Industrial Designer (VA)  
Music Critic (PA) Music  
Director (PA)  
News Broadcaster (PA)  
Telecommunications (PU)  
Writer (PU)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

## Arts & Communications: Communication Technology Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Multimedia Design</b>	<b>Digital Video Production 1 (.5)</b>	<b>Communications Technology 1</b>	<b>Communications Technology 2</b>
	<i>Art Elective</i>	<i>Art Elective</i>		
	<i>Elective</i>	<i>Elective</i>	<b>Computer Graphics 1 (1)</b>	<b>Computer Graphics 2 (1)</b>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Graphic Design 1(.50) Art Electives</i>	<i>Graphic Design 2 (1) Art Electives</i>	<i>Screen Printing (.5) Digital Video Production 2 (.5) Yearbook Publications (1)</i>	<i>Digital Video Production 2 (.5) Screen Printing (.5)</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

## Arts & Communications: Music Industry Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b> <b>MUSIC FOCUS</b> <i>Note: ensemble performance credit required every semester.</i>	<b>REQ: Choir/Band (.5/1)</b> <b>Music History (.5)</b> <b>History of Rock (.5)</b>	<b>REQ: Choir/Band (.5/1)</b> <i>Elective (.5)</i>	<b>REQ: Choir/Band (.5/1)</b> <b>Voice or Guitar Class (.5)</b>	<b>REQ: Choir/Band (.5/1)</b> <i>Elective (.5)</i>
	<b>Multimedia Design (1)</b>	Amer. Music Theatre 1, 2 (1)	<b>Stage Technology (.5)</b> <i>Elective (.5)</i>	<b>Song Writing (.5)</b> <b>Studio Recording (.5)</b>
	<i>Elective (1)</i>	<b>Music Theory 1, 2 (1)</b>	<b>Accounting I (1)</b>	<b>Business Law 1 (.5)</b> <i>Elective (.5)</i>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Introduction to Business (1)</i> <i>Entrepreneurship (1)</i> <i>Accounting (1)</i>	<i>CSC124 Info Technology (1)</i> <i>Business Law 1 &amp; 2 (.5)</i> <i>Sports / Ent. Marketing (.5)</i> <i>Accounting I</i> <i>Guitar (.5)</i>	<i>Intro Financial Acct. (1)</i> <i>CSC124 Info Technology (1)</i> <i>Business Law 1 &amp; 2 (.5)</i> <i>Sports / Ent. Marketing (.5)</i> <i>Guitar/Voice (.5)</i>	<i>Intro Managerial Acct. (1)</i> <i>CSC124 Info Technology (1)</i> <i>Business Law 1 &amp; 2 (.5)</i> <i>Sports / Ent. Marketing (.5)</i> <i>Guitar (.5)</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Business, Finance and Information Technology (BFIT) Pathway

This pathway is designed to prepare students in the world of business, finance and information services.

## Pathway Focus Areas

**\*Marketing and Sales (MS) \*Finance (F) \*Information Technology (IT) \*Business Management (BM)**

### Are you interested in ...

A business environment  
Advertising  
Computers and technology  
Different work sites  
Insurance  
Office management  
Presentations to groups  
Sales  
Record keeping  
Telecommunications

### Can you...

Organize your time efficiently  
Pay attention to details  
Show initiative  
Solve problems  
Work easily with others  
Work Independently  
Work on a team  
Work with statistics  
Use computers and other technology

### Do you enjoy...

Following directions  
Learning new software programs  
Making budgets  
Meeting with groups  
Organizing a project  
Planning an event  
Preparing Financial reports  
Processing numbers and figures  
Selling products and services  
Working with technology

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

Accounts payable Office Manager (BM)  
Administrative Assistant (BM)  
Bank Teller (BM)  
Book Keeper (F)  
Cashier (F)  
Computer Operator (IT) Customer  
Service Representative (MS) File Clerk  
(BM)  
Payroll Clerk (F)  
Reservation/Travel Agent (MS)  
Retail Sales Clerk (BM)  
School Secretary (BM)  
Telemarketer (MS)  
Title Searcher (F)

### Technical/Skilled (1-3 yrs)

Bank Collection Officer (F)  
Claims Adjuster (F)  
Computer Programmer (IT)  
Computer Salesperson (MS)  
Desktop Publisher (IT, MS)  
Medical Secretary (BM)  
Production Support Analyst (IT)  
Real Estate Agent (BM, MS)  
Restaurant Manager (BM,MS)  
Retail Buyer (MS)  
Sales Representative (BM, MS)  
Software Engineer (IT)  
Tax Preparer (F)

### Professional (4 + yrs)

Bank President (BM, F)  
Certified Public Accountant (F)  
Chief Executive Officer (BM)  
E-Commerce Analyst (IT)  
Economist (F)  
Financial Planner (F) Hospital  
Administrator (BM) Human  
Resources Manager (BM)  
Manufacturing Sales Representative  
(BM,MS)  
Marketing Manager (MS)  
Operations Analyst (IT)  
Systems Analyst (IT)  
Tax Examiner (F)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

## Business & Information Technology: Business Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>1-3</b>	<b>1-3</b>
<b>Core Pathway Courses</b>	<b>Intro. to Business (1)</b>	<b>CSC124 (1)</b>	<b>ACC113-FA (1)</b>	<b>ACC123-MA (1)</b>
	<i>Accounting or Elective</i>	<b>Business Law 1-2 (1)</b>	<b>Entrepreneurship (.5) Marketing (.5)</b>	<b>BWM150 Web Page (1)</b>
	<i>Elective</i>	<i>Accounting / Elective</i>	<i>Elective</i>	<i>Elective</i>

<b>Other Pathway Electives</b>	<i>Accounting (1) Business Math (1) FBLA (.5/1)</i>	<i>Intro. to Business (1) Business Math (1) FBLA (.5/1)</i>	<i>Intro. to Business (1) Business Math (1) FBLA (.5/1)</i>	<i>Intro. to Business (1) Business Math (1) FBLA (.5/1)</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering and Industrial Technology (AC)

This pathway is designed to cultivate students' interests, awareness and applications to careers related to technologies necessary to design, develop, install and maintain physical systems

## Pathway Focus Areas

\*Construction (CO)

\*Manufacturing (M)

\*Engineering and Engineering Technology (ET)

\*Transportation, Distribution and Logistics (TDL)

### Are you interested in ...

Buildings and construction  
Computer technology  
Design and architecture  
Engineering  
Fitness and sports  
How things work  
Math and Science classes  
Precision work  
Production management  
Tools, equipment and materials  
Woodworking

### Can you...

Apply science and math to real world  
Organize reports and people  
Read and understand directions  
See a task through to completion  
Solve problems of a complex nature  
Understand directives and read maps  
Use a computer

### Do you enjoy...

Building with your hands  
Design/working with project, models, prototypes  
Operating tools and equipment  
Paying close attention to details  
Working with your hands  
Working in a lab setting  
Working on a team  
Travel

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Apprenticeships

Brick Mason (CO)  
Carpenter (CO)  
Diesel Mechanic (TDL)  
Electrician (CO) HVAC  
(CO) Machinist (CO)  
Plumber (CO)  
Surveyor (TDL, ET)

### Entry (OJT)

Baggage Handler (TDL)  
Carpet Installer (CO)  
Drywall Worker (CO)  
Dockworker (TDL)  
Freight Handler (TDL)  
Machine Operator (M)  
Laborer (TDL)  
Roofer (CO) Warehouse  
Worker (TDL)

### Technical/Skilled (1-3 yrs)

Air Traffic Controller (TDL)  
Auto Body Repair (TDL)  
Auto Body Repair (TDL)  
Auto Mechanic (TDL)  
Bus Driver (TDL) CAD/CAM  
Technician (M,ET)  
Civil Engineering Technician (ET)  
Diesel Mechanic (TDL) Dispatch  
(TDL)  
Electric Technician (M) Grader  
and Dozer Operator (CO) Laser  
Technician (M, ET)  
Metals Engineering Technician (M)  
Motorcycle Mechanic (TDL)  
Robotics Technician (ET)  
Taxi Driver (TDL)  
Truck Driver (TDL)

### Professional (4 + yrs)

Aeronautical Engineer (ET, TDL)  
Aerospace Engineer (ET,TDL)  
Airline Pilot (ET, TDL)  
Architect (ET, CO)  
Astronaut (ET)  
Chemical Engineer (ET)  
Civil Engineer (ET,CO)  
Computer Network Engineer (ET)  
Industrial Engineer (ET, M)  
Mechanical Engineer (ET,M)  
NASA Scientist (ET)  
Navigator (TDL) Nuclear  
Engineer (ET) Petroleum  
Engineer (ET)  
Transportation Engineer (ET, TDL)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

## Engineering & Ind. Tech.: Automotive Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Electronic Automation Tech (1)</b>	<b>Introduction to Automotive Tech (.5)</b>	<b>Automotive Technology I</b>	<b>Automotive Technology 2</b>
	<i>Elective</i>	<b>Principles of Electronics (.5)</b>		
	<i>Elective</i>	<i>Elective (1) / Elective (1)</i>		

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Accounting (1) Intro to Business (1)</i>	<i>Accounting(1) Intro. to Business (1)</i>	<i>Accounting (1) Business Math (1) Entrepreneurship (.5)</i>	<i>Accounting (1) Business Math (1) Entrepreneurship (.5)</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering & Ind. Tech.: Building Trade Maintenance Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Building &amp; Engineering Trades (1)</b>	<b>Introduction to Construction Tech (.5)</b>	<b>Building Maintenance 1</b>	<b>Building Maintenance 2</b>
	<b>Introduction to Building Maintenance (.5)</b>	<b>Construction Hand &amp; Power Tools (.5)</b>		
	<i>Elective</i>	<i>Elective / Elective</i>	<b>CAD Fund. (1) or Elective (1)</b>	<b>Elective (1)</b>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Principles of Electronics (.5) Intro to Woodworking (.5) Intro to Building Maint. (.5)</i>	<i>CAD Fundamentals (.5) Const. Hand Power Tools (.5) Stage &amp; Set Design (.5)</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering / Industrial Tech.: Computer Aided Design Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Building &amp; Engineering Trades (1)</b>	<b>CAD Fundamentals (1)</b>	<b>Computer Aided Drafting 1 (2)</b>	<b>Computer Aided Drafting 2 (2)</b>
	<i>Elective</i>	<b>Introduction to Manufacturing Tech. (.5)</b>		
	<i>Elective</i>	<i>Elective / Elective</i>	<b>Architectural Drafting-Design (1)</b>	<b>CAD120 Auto CAD (1)</b>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Business Electives Introduction to Building Maintenance (.5) Principles of Electronics (.5)</i>	<i>Business Electives Architectural Construction (.5) 3D Modeling &amp; Manufacturing(.5)</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering / Industrial Tech.: Computer Info. & Networking Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

Pathway Credits	1-3	1-3	3	3
<b>Core Pathway Courses</b>	<b>Survey of Electronic Automation Tech. (1)</b>	<b>Intro to Engineering (EET124) (1)</b>	<b>Computer Repair and Networking 1 (2)</b>	<b>Computer Repair and Networking 2 (2)</b>
	<i>Elective (1)</i>	<b>Principles of Computer Programming (.5)</b>		
	<i>Elective (1)</i>	<b>Principles of Electronics (.5) / Elective (1)</b>	<b>BWM150-Webpage Development (1)</b>	<b>Game Design and Computer Networking (1)</b>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Business Electives Introduction to Building Maintenance (.5) Principles of Electronics (.5)</i>	<i>Business Electives Architectural Construction (.5) 3D Modeling &amp; Manufacturing(.5) CAD Fundamentals (.5)</i>	CTE Requirements	CTE Requirements
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering & Ind. Tech.: Construction Trades Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5)</i> <i>Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Building &amp; Engineering Trades (1)</b>	<b>Introduction to Construction Tech (.5)</b>	<b>Construction Technology I</b>	<b>Construction Technology 2</b>
	<b>Introduction to Building Maintenance (1)</b>	<b>Construction Hand &amp; Power Tools (.5)</b>		
	<i>Elective</i>	<b>CAD Fundamentals (1)</b> <i>Elective</i>		

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Business Electives</i> <i>Introduction to Building Maintenance (.5)</i> <i>Intro to Woodworking (.5)</i>	<i>Stage &amp; Set Design (.5)</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	<i>Modern Language Technology Education</i>	<i>Modern Language Technology Education</i>

# Engineering / Industrial Tech.: Electronics & Comp. Eng. Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Electronic Automation Tech (1)</b>	<b>Intro to Engineering (EET124) (1)</b>	<b>Introduction to Engineering (1)</b>	<b>Electronic Circuits and Devices (2)</b>
	<i>Elective (1)</i>	<b>Principles of Computer Programming (.5)</b>	<b>Digital Electronics (1)</b>	
	<i>Elective (1)</i>	<b>Principles of Electronics (.5)</b> <i>Elective (1)</i>	<b>Game Design and Computer Networking (1)</b>	<i>Elective</i>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Business Electives Introduction to Building Maintenance (.5) Principles of Electronics (.5)</i>	<i>Business Electives Architectural Construction (.5) 3D Modeling &amp; Manufacturing(.5) CAD Fundamentals (.5)</i>	<i>Business Electives CSC 124: Info Tech CIT 112: Intro Gaming Manufacturing Electives</i>	<i>Business Electives CSC 124: Info Tech CIT 112: Intro Gaming Manufacturing Electives</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Engineering & Ind. Tech.: Manufacturing Technologies Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Building &amp; Engineering Trades (1)</b>	<b>Introduction to Manufacturing Tech. (.5)</b>	<b>Manufacturing / Engineering Technology I</b>	<b>Manufacturing / Engineering Technology 2</b>
	<i>Elective</i>	<b>Plastics Industry (.5) CAD Fundamentals (1)</b>		
	<i>Elective</i>	<i>Elective</i>	<i>CNC Machining</i>	<i>CNC Machining</i>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Business Electives Introduction to Building Maintenance (.5) Introduction to Woodworking (.5)</i>	<i>Business Electives CAD Fundamentals (.5) Principles of Electronics (.5)</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Human Services (HS) Pathway

This pathway is designed to cultivate students' interests, skills and experiences for employment in careers related to family and human needs.

## Pathway Focus Areas

\*Counseling, Personal Care (CPC)

\*Education (E)

\*Law, Public Safety and Government (LPG)

\*Hospitality and Tourism (HT)

### Are you interested in ...

Aging adults  
Child development  
Counseling  
Family and social services  
Food preparation  
Owning you own business  
Teaching  
Working with people

### Can you...

Apply science and math to the real world  
Assume leadership  
Be conscientious and dependable  
Be creative  
Communicate well  
Organize well  
Plan and direct programs  
Plan budgets  
Use interpersonal skills  
Work with a team

### Do you enjoy...

Communicate services  
Counseling and advising people  
Handling customer complaints  
Helping and protecting others  
Interviewing people  
Searching for answers to human problems  
Selling products or services  
Serving others' needs  
Working with people

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

Aerobics Instructor (HT)  
Armed Services Career (LPG)  
Bailiff (LPG)  
Building Trade Maintenance (HT)  
Child Care (CPC)  
Dry Cleaning Operator (CPC)  
Home Health Aide (CPC)  
Library Assistant (E)  
Postal Services Worker (LPG)  
Security Guard (LPG) Travel Agent (HT)  
Utility Worker (LPG)  
Waitress (HT)

### Technical/Skilled (1-3 yrs)

Armed Services Career (LPG)  
Barber (CPC) Bartender (HT)  
Chauffeur (HT)  
Cosmetologist (CPC) Crime Lab Technician (LPG)  
Fashion Designer (CPC)  
Flight Attendant (HT)  
Fire Fighter (LPG)  
Manicurist (CPC)  
Massage Therapist (CPC)  
Meat Cutter (HT)  
Mortician (CPC)  
Personal Trainer (CPC)  
Teacher's Aid (E) Truck Driver (CPC)

### Professional (4 + yrs)

Athletic Agent (HT)  
City Manager (LPG)  
College Professor (E)  
Criminologist (LPG)  
Executive Chef (HT)  
Family Planner (HT)  
FBI Agent (LPG)  
Food Services Manager (HT)  
Funeral Director (CPC)  
Guidance Counselor (E)  
Hotel/Motel Management (HT)  
Lawyer (LPG)  
Marriage and Family Therapist (CPC)  
Paralegal (LPG)  
Park Ranger (LPG)  
Parole Officer (LPG)  
Psychologist (CPC)  
Teacher (E)  
Workforce Director (LPG)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

## Human Services: Child Care Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) Graduation Project (.5)
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Human Services</b>	<b>ABC's of Child Care (.5)</b>	<b>Child Care Services 1</b>	<b>Child Care Services 2</b>  <b>EDU100 Child Development</b>
	<b>FCS Culinary Arts 1 (.5)</b>	<b>Culinary Arts 1 (.5)</b>		
	<i>Elective (.5) / Elective (1)</i>	<i>Elective / Elective</i>		

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Intro to Business (1) Family, Consumer, Science</i>	<i>Accounting Psychology English Electives</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

## Human Services: Culinary Arts Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Survey of Human Services</b>	<b>Introduction to Baking Pastries (.5)</b>	<b>CTE Culinary Arts 1 (3.00 Credits)</b>	<b>CTE Culinary Arts 2 (3.00 Credits)</b>
	<b>FCS Culinary Arts 1 (.5)</b>	<b>FCS Culinary Arts 2 (.5)</b>		
	<i>Elective</i>	<i>Elective / Elective</i>		

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>Intro. To Business (1)</i>	<i>Regional American Cuisine International Cuisine (1) Accounting (1)</i>	<i>CTE Requirements</i>	<i>CTE Requirements</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Science, Natural Resources, Agri-science, and Health (SH) Pathway

This pathway is designed to cultivate students' interests, skills and experiences for employment in careers related to family and human needs.

## Pathway Focus Areas

\*Health Science (HS)

\*Agriculture, Food and Natural Resources (AFN)

\*Science, Technology and Math (STM)

### Are you interested in ...

Conservation  
 Environment and conservation  
 Food production  
 Health care environment  
 Information systems  
 Medical research  
 Pharmacy  
 Physical therapy  
 Radiology  
 Science and medicine  
 Sports/fitness

### Can you...

Apply a scientific theory to real life problems  
 Collect and analyze data from experiments  
 Pay attention to detail  
 Use a computer and technology  
 Work in a lab setting or medical facility  
 Work outdoors around animals and plants  
 Work with people in need  
 Work with science and math theories

### Do you enjoy...

Developing conclusion from a database  
 Diagnosing and caring for sick animals  
 Making a contribution to society  
 Medical lab research  
 Solving problems  
 Working on a team  
 Working on cutting-edge scientific research  
 Working outdoors with wildlife  
 Working with numbers

If you answered "yes" to most of these questions, you might consider a future in one of the same occupations listed below based on their level of post-secondary training.

## Sample Careers

### Entry (OJT)

#### Health Science Careers

Dialysis Technician (HS)  
 EEG Technician (HS)  
 Home Health Aide (HS)  
 Hospital Worker (HS)  
 Optician (STM)  
 Patient Care Technician (HS)  
 Physical Therapy Aide (HS)

#### Science and Technology Careers

Animal Caretaker (AFN)  
 Breeder (AFN)  
 Data Entry (STM)  
 Extension Services Worker (AFN)  
 Farm Manager (AFN)  
 Food Conservation Worker (AFN)  
 Hazardous Waste Technician (STM)  
 Zoo Caretaker (AFN)

### Technical/Skilled (1-3 yrs)

#### Health Science Careers

Certified Nursing Assistant (HS)  
 Dental Hygienist (HS)  
 Dental Lab Technician (HS, STM)  
 Emergency Medical Technician (STM)  
 Practical Nurse (HS)  
 Personal Trainer (STM)  
 Pharmacy Assistant (HS)  
 Radiological Technician (HS)  
 Respiratory Therapist (HS)  
 Sports Instructor (HS)

#### Science and Technology Careers

Fish and Game Worker (AFN)  
 Forest Conservationist (AFN) Licensed  
 Nano-technician (STM)  
 Sound Engineer (STM)

### Professional (4 + yrs)

#### Health Science Careers

Athletic Trainer (HS)  
 Chiropractor (HS)  
 Dietician (HS)  
 Geneticist (STM)  
 Medical Examiner (HS)  
 Pharmacists (HS)  
 Physician (HS)  
 Physician Assistant (HS)  
 Registered Nurse (HS)

#### Science and Technology Careers

Agronomist (AFM)  
 Chemist (STM)  
 Geologist (AFN)  
 Marine Biologist (AFN)  
 Soil Conservationist (AFN)  
 Statistician (STM)  
 Veterinarian (AFN)  
 Zoologist (STM)

Check out Occupational Outlook Handbook – [www.bls.gov/OCO/](http://www.bls.gov/OCO/) or check your Choices profile

## Science & Health: Health Technologies Pathway Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) Graduation Project (.5)
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>1-3</b>	<b>1-3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<b>Science, Technology, and Society (1)</b>	<b>Health Elective (.5)</b>	<b>Anatomy and Physiology (1.5)</b>	<b>Fundamentals of Chemistry (1.5)</b>
	<b>Health 9 (.5)</b>	<b>Computer Science CSC124 (1)</b>		<b>Human Biology (.5)</b>
	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<b>Human Anatomy and Physiology Survey (1)</b>

<b>Recommended Cross-Curricular Pathway Electives</b>	<i>FCS Culinary Arts 1 (.5)</i>	<i>Earth &amp; Space 2 (.5) Environmental Science (.5)</i>	<i>Botany (1) Anatomy (.5)</i>	<i>Science, Technology, Engineering, or Math Electives</i>
<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology

# Liberal Arts (LA)

This pathway is designed to cultivate college bound students' interests, skills and experiences for an advanced degree.

## Elective Options

### Arts and Communications

Adv Art and Design (10-12)  
 Art and Design (10-12)  
 Fiber Crafts/Jewelry (10-12)  
 Glass Crafts (10-12)  
 Illustration/Storyboards (10-12)  
 Internat'l Arts & Crafts (10-12)  
 Introduction to Art (9)  
 Introduction to Crafts (10-12)  
 Learning to Paint (10-12)  
 Learning to Draw (9-12)  
 Mixed Media (10-12)  
 Paper Studio (10-12)  
 Pottery 1 (10-12)  
 Pottery 2 (10-12)  
 Pottery 3 (10-12)  
 Sculpture (10-12)  
 Stage/Set Design (10-12)

### Music

Am Musical Theatre 1 (9-12)  
 Am Musical Theatre 2 (10-12)  
 Band (9-12)  
 Concert Choir (9-12)  
 History of Popular Music (9-12)  
 Music History (10-12)  
 Voice Class (10-12)

### Business, Finance, an Information Technology

**ACC113 College Accounting (11-12)**  
**ACC123 College Accounting 2 (11-12)**  
 Accounting 1 (9-12)  
 Business Law 1 (10-12)  
 Business Law 2 (10-12)  
 Business Procedures (12)  
**BWM150 Web Page (11-12)**  
**BWM252/254 Master Web Tools/Adv. Design (12)**  
**CSC124 Information Tech and Society (10-12)**  
 Intro to Business (9-10)  
 REAL Entrepreneur (11-12)  
 Sports Marketing (10-12)

### Engineering and Industrial Technology

#### Automotive Technology

Automotive Tech 1 (11-12)  
 Intro to Auto Tech (10-12)

#### Building Maintenance

Building Trade Maintenance 1  
 Building Trade Maintenance 2  
 Building Trade Maintenance 3

#### Computer Aided Drafting

Architect Draft/Design(11-12)CTE  
 Comp Aided Design (11-12) CTE  
 Comp Aided Design 2 (12)

#### Comp. Inform. & Network

**CIT171 Network & Server Tech 1 (11-12)**  
 Comp Repair and Main Tech 1 (11-12)

#### **EET114/115 Digital**

#### **Electronics (11-12)**

#### **EET116 Electronic Circuits and Devices (11-12)**

#### **EET118 Intro to Electron and Comp Eng (10-12)**

#### **EET124 Intro to Electronics (10-12)**

Gaming Design & Computer Programming (11-12)  
 Network and Server Tech 1 (11-12)

#### **CIT112 Intro to Gaming (11-12)**

#### **BIM100 Interactive Media (11-12)**

#### Construction Technology

#### **BCT103 Construction Hand/Power Tools (10-12)**

Construction Tech 1 (11-12)  
 Construction Tech 2 (12) Intro to Construction (10-12)

### Manufacturing Technology

CNC Computer Numeric Control (11-12)  
 Intro to Manufacturing  
 Manufact/Engineer Tech 1 (11-12)  
 Manufact/Engineer Tech 2 (12)  
**PPT115 Plastics Industry (10-12)**

### Technology Education

Intro to Woodworking (9-10)  
 Intro to Building Maintenance (9-10)  
 Multimedia Design  
 Principles of Electronics  
 Robotic Engineering I  
 TSA Technology Student Association (9-12)

### Human Services

#### Child Care

Child Care Service1 (11-12)  
 ABC's of Child Care (10-12)  
 Child Care Services2 (11-12)

#### Culinary Arts

CTE Culinary Arts 1 (11-12)  
 CTE Culinary Arts 1 (12)  
 Intro Baking & Pastries (10-12)

#### Family & Consumer Science

Culinary 1 (9-12)  
 Culinary 2 (9-12)  
 Culinary 3 (10-12)  
 Culinary 4 (10-12)  
 International Cuisine (11-12)  
 Regional Am Cuisine (11-12)

#### History

Crime and Law (11-12)

### Modern Languages

AP Spanish (12)  
 German 1 (9-12)  
 German 2 (10-12)  
 German 3 (11-12)  
 German 4 (12)  
 German 5 (12)  
 Spanish 1 (9-12)  
 Spanish 2 (10-12)  
 Spanish 3 (11-12)  
 Spanish 3 Honors (11-12)  
 Spanish 4 (12)

### Science, Agriculture, and Health

#### Math

Statistics (11-12)  
 SAT Math (11-12)

#### Communications Tech

Computer Graphics 1 (11-12)  
 Computer Graphics 2 (12)  
 Digital Photo 1 (10-12)  
 Digital Video Prod 1 (10-12)  
 Digital Video Prod 2 (11-12)  
 Image Reproduction 1 (11-12)  
 Screen Printing (10-12)  
 Yearbook (10-12)

#### Health

Health Elective (9-12)  
 PE Elect Sem 1 (9-12)  
 PE Elect Sem 2 (9-12)

#### Science

Adv. Electrical Physics (11-12)  
 Adv. Mechanical Physics (10-12)  
 Anatomy and Physiology (11-12)  
 Botany (11-12)  
 Chemistry Adv (11-12) Earth and Space 2 (10-12)  
 Environmental Science (9-12)  
 Human Biology (11-12)  
 Microbiology (11-12)  
 Plastics (11-12)

## Liberal Arts: Advanced Degree College Bound Course Progression

	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Gen Ed Credits</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>
<b>Required General Electives</b> <i>*Included with Gen Ed Req.</i>	Personal Finance (.5) Physical Education (.5)	Computer Applications (.5) Physical Education (.5)	Health (.5) Physical Education (.5)	Physical Education (.5) <i>Graduation Project (.5)</i>
<i>Other Required Electives with 4 years</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>	<i>FCS – Music – Art (.5) Tech. Ed. (.5)</i>

<b>Pathway Credits</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>Core Pathway Courses</b>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

<b>Electives (1-2 Credits)</b>	Art / Music Business Journalism Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology	Art / Music Business Modern Language Technology
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# *Suggested New Courses for Pathway Model*

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*Career Pathway Rotation (1)*

## **Arts and Communication Pathway**

- *Guitar (.5)*
- *Multimedia Design (1)*
- *Song Writing (.5)*
- *Stage Technology (.5)*
- *Studio Recording (.5)*

## **Business and Technology**

- *Entrepreneurship (.5 or 1) – Restructure Class*
- *Marketing (Remove Sports Marketing) (.5 or 1) – General Marketing*

## **Engineering & Industrial Technology:**

- *Survey of Building and Engineering Trades (1)*
- *Survey of Electronic Automation Technology (1)*
- *Introduction to Building Maintenance (.5)*
- *Introduction to Woodworking (.5)*

## **Human Services Pathway**

- *Survey of Human Services (1)*
- *Psychology (1)*

## **Science & Health Services Pathway**

- *Science, Technology, and Society (1)*