Career Pathways and Course Selections

Career Pathways are a broad grouping of careers that share common skills, knowledge, and interests. **Lewisburg Area School District Career Pathways** are: Arts and Communications (**AC**); Business, Finance, Marketing & Information Technology (**BFMI**), Engineering, Manufacturing & Industrial Technology (**EMIT**); Human Services (**HS**); and Science & Health (**S&H**). Students are encouraged to consider the career pathway that is of most interest and select courses within those career pathways.

Arts & Communications
- Audio & Video Technology & Film
- Printing Technology & Graphic Communication
- Visual Arts
- Performing Arts
- Journalism & Broadcasting
- Telecommunications

Business, Finance, & Information Technology
- Business Management & Administration
- Entrepreneurship
- Information Technology
- Marketing

Engineering, Manufacturing & Industrial Technology
- Architecture & Construction
- Advanced Manufacturing
- Engineering
- Transportation, Distribution, & Logistics

Human Services
- Education & Training
- Food Science & Nutrition
- Human Services

Science & Health
- Agriculture Science
- Health Science
- Science, Technology, Engineering & Mathematics

AC – Arts and Communications   **BFMI** – Business, Finance, Marketing, & Information Technology
EMIT – Engineering, Manufacturing & Industrial Technology   **HS** – Human Services   **S&H** - Science and Health

Course Name	Credits	AC	BFMI	EMIT	HS	S&H
Arts/Humanities						
Drawing	.5	x				
Ceramics 1	.5	X				
Ceramics 2	.5	X				
Principles of Design	.5	X				
Elements of Art	.5	X	X	X		
Design in 3D	.5	X				
AP Studio Art Part 1	.5	X				
AP Studio Art Part 2	.5	X				

Course						
Photojournalism	.5	X			X	
Business/Technology						
Personal Finance/Career Exploration	.5	X	X	X	X	X
Entrepreneurship/Small Business	.5		X	X		
Applied Law	.5		X		X	
Accounting I	1		X			
Accounting II	1		X			
Graphic Design	.5	X				
Computer Programming	.5		X	X		
Independent Study in Computer Science	.5		X	X		
Intro to Engineering Design	.5			X		
Independent Study in Technology Education	.5			X		
Computer Aided Drafting and Design I	.5		X	X		
Communication Systems/Video Production	.5	X				
Advanced Prototyping and Design	.5	X	X			
English Language Arts						
English Language Arts 9	1	X	X	X	X	X
Honors English Language Arts 9	1	X	X	X	X	X
English Language Arts 10	1	X	X	X	X	X
Honors English Language Arts 10	1	X	X	X	X	X
English Language Arts 11	1	X	X	X	X	X
English Language Arts 12	1	X	X	X	X	X
Film Theory and Practice	.5	X				
Creative Writing	.5	X				
Theatre Arts	.5	X				
Mythology and Legends	.5	X				
Speech	.5	X	X	X	X	X
AP English Language & Composition	1	X	X	X	X	X
AP English Literature & Composition	1	X	X	X	X	X
Family and Consumer Science						
High School Seminar		X	X	X	X	X
Baking and Pastry (Level 1)	.5				X	
Culinary Arts (Level 2)	.5	X			X	X
Fiber Arts	.5	X				
Child Development/Parenting	.5				X	X
Surviving the Real World	.5				X	X
Food and Nutrition	.5				X	X
Mathematics						
Analysis of Mathematics	1	X	X	X	X	X
Algebra I	2	X	X	X	X	X
Intermediate Algebra	1	X	X	X	X	X
Algebra II	1	X	X	X	X	X
Geometry	1	X	X	X	X	X
Geometry (9)	1	X	X	X	X	X
Advanced Algebra with Trigonometry	1	X	X	X	X	X
Pre-Calculus	1		X	X		X
Statistics	1	X	X	X	X	X
AP Statistics	1	X	X	X	X	X
AP Calculus AB	1			X		X
AP Calculus BC	1			X		X

Course	Credit					
PA Computer Science Principles	.5		X	X		
Music and Performing Arts						
Performing Arts Appreciation	.5	X				
Music Technology	.5	X	X			
High School Symphonic Band/Marching Band	.5	X				
High School Orchestra	.5	X				
Concert Choir	.5	X				
Chamber Choir	.5	X				
Grade Nine Concert Choir	.5	X				
Music Theory I	.5	X				
Music Theory II	.5	X				
AP Music Theory	1	X				
Band Techniques	.5	X				
Science						
Ecology	.5	X	X	X	X	X
Environmental Science	.5	X	X	X	X	X
AP Environmental Science	1	X	X	X	X	X
Biology	1	X	X	X	X	X
Honors Biology	1	X	X	X	X	X
AP Biology	1	X	X	X	X	X
AP Chemistry	1	X	X	X	X	X
Human Anatomy/Physiology	1				X	X
Anatomy II	1					X
Forensics	.5				X	X
Meteorology	.5					X
Honors Chemistry	1	X	X	X	X	X
Chemistry	1	X	X	X	X	X
AP Physics	1			X		X
AP Physics 2	1			X		X
Physics	1			X		X
Astronomy	.5					X
Social Studies						
American Citizenship as Action	.5	X	X	X	X	X
Economics	.5	X	X	X	X	X
Human Cultures and Society: Origins					X	
World History	1	X	X	X	X	X
AP European History	1	X	X	X	X	X
American History	1	X	X	X	X	X
AP U.S. History	1	X	X	X	X	X
Introduction to Psychology	.5	X	X		X	X
Introduction to Sociology	.5	X	X		X	X
AP Economics	1		X	X	X	
AP Government & Politics	1	X	X	X	X	X
Living Globally in the 21st Century	.5	X			X	X
Art History	1	X			X	
Wellness						
Physical Education	.5				X	X
Lifetime Fitness	.5				X	X
Health Education	.5				X	X
Drivers Education	.5	X	X	X	X	X

World Languages						
French I	1	X			X	
French II	1	X			X	
French III	1	X			X	
French IV	1	X			X	
French V	1	X			X	
German I	1	X			X	
German II	1	X			X	
German III	1	X			X	
German IV	1	X			X	
Spanish I	1	X			X	
Spanish II	1	X			X	
Spanish III	1	X			X	
Spanish IV	1	X			X	
Spanish IV/V	1	X			X	
Spanish V	1	X			X	
AP Spanish	1	X			X	