$\delta$
2024-2025 Career Planning and Course Description Guide


## Selinsgrove Area High School

500 Broad Street

Selinsgrove, PA 17870
www.seal-pa.org


www.seal-pa.org

500 Broad Street
Selinsgrove, PA 17870
570-374-1144

Dr. Frank Jankowski, Superintendent<br>Mr. Brian Parise, Assistant Superintendent<br>Mrs. Susan Lipsey, Director of Special Education<br>Mr. Jeffrey Hummel, Business Manager

## Administration

Dr. Matthew N. Conrad, Principal
Mrs. Caitlin Swank, Assistant Principal

High School Counselors
Mr. Matt Lehman, Last Names A-G
Mrs. Amy Veach, Last Names H-P
Mrs. Lynn Aurand, Last Names Q-Z

## Table of Contents

Scheduling Process ..... 2
Introduction ..... 2
Course Selection ..... 2
Schedule Changes/Drop/Add ..... 2
Career Planning and Pathways ..... 3
Holland Types and Pathway Matches ..... 4
Five Career Pathways and SASD Career Clusters ..... 7
ACT 158 of 2018 ..... 7
SASD Pathways ..... 10
Academic Programs ..... 25
SUN Area Technical Institute ..... 25
Honors Courses ..... 25
Advanced Placement ..... 25
Dual Enrollment ..... 26
Global Scholars ..... 26
Graduation Requirements ..... 27
Required Credits ..... 27
Promotion Requirements ..... 28
KUDER ..... 28
SEAL of EMPLOYABILITY ..... 28
Course Offerings ..... 29
Agricultural Science ..... 29
Art ..... 32
Business, Computer, and Information Technology ..... 34
English ..... 36
Family and Consumer Science ..... 38
Health and Physical Education ..... 39
Mathematics ..... 40
Music ..... 42
Science ..... 44
Social Studies ..... 47
Technology Education ..... 49
World Languages ..... 52
Academic Services ..... 55
Resources ..... 55
SUN Tech Program Description ..... 55
NCAA Information ..... 56
Appendix
SUN Tech Course Guide

## Introduction

Students attending Selinsgrove Area High School must take a combination of core academic subjects and electives to complete the school's 27 credit graduation requirement. Students will work with their counselor, teachers and parents to develop their program of study and schedule all classes needed for graduation. Parents and students are encouraged to read the course descriptions carefully during this process. Pay close attention to all course prerequisites and grade-level restrictions when making course selections for the upcoming school year. In addition, those core courses approved by the National Collegiate Athletic Association (NCAA) Eligibility Center have been marked accordingly. HOWEVER, if you are an athlete, be sure to read the information about the NCAA in the resources section of this guide.

Students should speak with their teachers for recommendations regarding courses and course levels. This information, along with the student's grades, should be valuable in selecting the proper course level for certain subjects. It is important that students have appropriate academic placement, and the teacher recommendation is very helpful in this process. Please give careful consideration to these recommendations.

This course guide also includes important information related to career planning and career clusters. Selinsgrove Area High School Career Pathways include suggested sequences of core courses as well as recommended electives and activities for each of the career clusters. These are recommendations only. Students will continue to have the opportunity to explore all areas by choosing courses and electives. Following a career pathway or cluster does not necessarily mean they are "locked" into a certain career or path.

## Course Selection

Directions for completing the Course Selection Worksheet and then completing the selections in Sapphire:

Primary Course Selections: Students must select a total of exactly $\mathbf{8}$ credits. These 8 credits are to include both academic core courses and electives. These 8 credits will be considered the student's "first" or primary choices. When selecting a primary course, please be sure to select the correct course number.

Alternate Course Selections: In addition to the Primary Course Selections, all students must select at least two (2) credits of alternate courses. The alternate course selections will be used in case a primary course is not available next year due to low enrollment or a scheduling conflict. When choosing an alternate course, make sure that you are selecting it as an alternate course in Sapphire.

## Schedule Changes/Drop/Add

Students should carefully select courses that will satisfy all graduation requirements and prepare them to achieve their post-high school goals. During the scheduling process students are encouraged to seek recommendations for course selection from their teacher, school counselor, and parents/guardians. All schedule changes must be requested by August 8th. Students should contact the appropriate guidance counselor as soon as possible in the summer to arrange schedule changes. While a face-to-face meeting is preferable, students may also call the guidance office to speak to a counselor or send an email to the appropriate counselor to request a schedule change. Students are assigned to counselors based on the first letter of the student's last name:

| (A-G) Matt Lehman | mlehman@seal-pa.org |
| :--- | :--- |
| (H-P) Amy Veach | aveach@seal-pa.org |
| (Q-Z) Lynn Aurand | laurand@seal-pa.org |

Student schedules will be considered complete as of the August $8^{\text {th }}$ deadline. Schedule adjustments will be made to accommodate for course failures and/or the successful completion of summer school course work, as appropriate.

Please Note: Once the semester begins, requests for schedule changes will not be honored unless there are extenuating circumstances such as: 1 . a student is in a $2^{\text {nd }}$ year language class when they did not have the first level of the language, 2 . being placed in a class that is too difficult for them, and this is corroborated by the teacher (i.e. an advanced mathematics course). Requests for schedule changes that are based on a student changing their mind or wanting an easier course will not be considered
due to the opportunity to change classes prior to the beginning of school for first semester courses and prior to December 13 ${ }^{\text {th }}$ for $2^{\text {nd }}$ semester courses.

* Courses dropped from the sixth through tenth $\left(6^{\text {th }}-10^{\text {th }}\right)$ days of the semester may result in a "Withdrawal-Passing (W-P) or Withdrawal -Failure (W-F)" grade (as determined by the classroom teacher) being recorded on the student's permanent record, and no credit will be awarded.
* Any courses dropped after the tenth ( $\left.10^{\text {th }}\right)$ day of the semester will automatically result in a "Withdrawal-Failure (W-F)" grade being recorded on the student's permanent record and no credit will be awarded.
* No requests for mid-year course changes will be honored for year-long courses (e.g., band, chorus, advanced placement electives, etc.). Exceptions to this policy will only be made because of unanticipated academic necessities, such as failing a different required course, and only with approval of the principal. In such situations, a "Withdrawal-Failure (W-F)" grade will be recorded on the student's permanent record for the full year course and no credit will be awarded.


## Career Planning and Pathways

## Career Pathways:

A career pathway is a broad grouping of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies. A chosen Pathway focuses a student's elective courses toward preparing for a specific goal area.

The goals of the information and activities in this guide are to help focus on a career area that matches interests in high school, to help set goals and discover classes necessary to achieve those goals, to create career awareness and encourage planning for postsecondary education and opportunities, and to provide knowledge that relates your high school education to the world after graduation.

The process of choosing a career pathway or cluster to guide course selection is one of many activities supporting career exploration and awareness. These activities started in the elementary school and continued through the intermediate and middle school years.

## Using this planner:

Over the next several years, you will be exploring various career fields. As you select a career field and then narrow it to occupations, you will need an academic program that gives you a solid foundation. You may select courses which are recommended core courses and elective courses which lead to specific career goals.

The Holland Type Inventory on the following pages include a self-assessment tool to help narrow down a primary and secondary pathway for possible exploration. If you have a career pathway in mind already, it is recommended that you still complete the inventory. Continue to review the information in the inventory and career pathway guides as you make course selections.

There are no wrong answers. Your likes and dislikes are very important in career planning. They will supply you with ideas about the types of jobs that might be a "best fit" for you. Since these assessments are only part of the entire career puzzle, the results might not be exactly what you expect. Use these results and other experiences to broaden your search and explore careers that you might not have otherwise considered.

The assessment that follows is based on the Holland Interest Inventory. At the end of the assessment, you will have an interest profile that matches different career areas. Once you have completed and scored your results, you will get a primary and secondary pathway option for your future planning.

## Holland Types and Pathway Matches

Step 1: In each group, $\sqrt{ }$ check the items that describe you. Then, count the number of checkmarks and fill in the total. Be as honest as you can. Remember, there are no wrong answers.

## R = Realistic

Realistic people like to take a concrete approach to problem solving rather than rely on abstract theory. They generally show an interest in activities that require motor coordination, skill and physical strength.
Pathways related to this type:

- Engineering and Industrial Technology
- Science and Health
- Business, Finance and Information Technology

| Are you? |  | Can you? |  | Like to? |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Practical |  | Fix mechanical things |  | Tinker with mechanics |
|  | Athletic |  | Solve mechanical problems | Work outdoors |  |
|  | Straightforward |  | Pitch a tent | Be physically active |  |
|  | Mechanically Inclined |  | Play a sport | Use your hands |  |
|  | A nature lover |  | Read a blueprint | Build things |  |
|  |  |  | Work on cars | Operate tools and machinery |  |
|  |  |  |  | R TOTAL $=$ |  |

## I = Investigate

Investigative people prefer to think, rather than act, to organize and understand rather than persuade. They tend to be good at math and science.
Pathways related to this type:

- Science and Health
- Engineering and Industrial Technology
- Business, Finance, and Information Technology

| Are you? |  | Can you? | Like to? |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Inquisitive |  | Think abstractly | Explore ideas |  |
|  | Analytical |  | Solve math problems |  | Use computers |
|  | Scientific |  | Understand physical theories |  | Work independently |
|  | Observant |  | Do complex calculations |  | Perform lab experiments |
|  | Precise |  | Use a microscope | Read scientific articles |  |
|  |  |  | Analyze data | Read technical magazines |  |
|  |  |  |  | I TOTAL $=$ |  |

## A = Artistic

Artistic people like to work in unstructured situations where they can use their creativity. They enjoy performing (theater and music) and the visual arts.
Pathways related to this type:

- Arts and Communications
- Human Services

| Are you? |  | Can you? | Like to? |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Creative |  | Sketch, draw, paint |  |
|  | Intuitive |  | Play an instrument | Attend concerts, art exhibits |
|  | Imaginative |  | Write stories, poetry, music |  |
|  | Observant |  | Do complex calculations | Work independently |
|  | Innovative |  | Design fashions or interiors | Work on crafts |
|  | An individualist |  | Sing, act, dance | Take photographs |
|  |  |  |  | Express yourself creatively |

## S = Social

Social people like to work with other people and seem to satisfy their need in teaching, counseling or caring for other people. They are often good public speakers with helpful, empathic personalities.
Pathways related to this type:

- Human Services
- Science and Health
- Business, Finance, and Information Technology

| Are you? |  | Can you? | Like to? |  |
| :--- | :--- | :--- | :--- | :--- |
|  | Friendly |  | Teach/Train others | Work in groups |
|  | Helpful |  | Express yourself clearly |  |
|  | Idealistic |  | Lead a group discussion |  |
|  | Insightful |  | Moderate disputes |  |
|  | Outgoing |  | Plan and supervise an activity |  |
|  | Understanding in meetings |  |  |  |
|  |  |  | Cooperate well with others | Work with young people |

## E = Enterprising

Enterprising people are verbally skilled and enjoy influencing and persuading others. They like to lead and tend to be assertive and enthusiastic.
Pathways related to this type:

- Business, Finance, and Information Technology
- Human Services

| Are you? |  | Can you? |  | Like to? |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Self-confident |  | Initiate projects |  | Make decisions affecting others |
|  | Assertive |  | Convince people |  | Be elected to office |
|  | Sociable |  | Sell things or promote ideas |  | Win leadership/sales awards |
|  | Persuasive |  | Give talks or speeches | Start your own campaign |  |
|  | Enthusiastic |  | Arrange activities/events |  | Meet important people |
|  | Energetic |  | Lead a group |  |  |
|  |  |  |  | E TOTAL $=$ |  |

## C = Conventional

Conventional people don't mind rules and regulations and demonstrate self-control. They prefer structure and order in their work, are highly organized and generally place value on prestige and status.
Pathway related to this type:

- Business, Finance, and Information Technology
- Human Services
- Arts and Communications

| Are you? |  | Can you? |  | Like to? |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | Well-groomed |  | Work well within a system |  | Follow defined procedures |
|  | Accurate |  | Do a lot of paperwork timely | Use data processing equipment |  |
|  | Numerically inclined |  | Keep accurate records |  | Work with numbers |
|  | Methodical |  | Use a computer | Type or take notes |  |
|  | Conscientious |  | Write an effective business letter |  | Be responsible for details |
|  | Efficient |  |  |  |  |
|  |  |  |  | C TOTAL $=$ |  |

## Holland Types and Pathways Matches

Step 2: Using your totals, identify the three letters that have the highest scores. Record the letter and number of checks in the boxes below.

My Interest Codes Are:

| $1^{\text {st }}$ Letter: | $2^{\text {nd }}$ Letter | $3^{\text {rd }}$ Letter: |
| :--- | :--- | :--- |
| \# of Checks: | \# of Checks: | \# of Checks: |

Step 3: Now you will match your Holland Interest Type with the Career Pathways. In the first column below circle your three interest code letters wherever they appear.

| Interest Codes: | Pathways: |
| :--- | :--- |
| A C S E | Arts and Communications (AC) |
| R I S E C | Business, Finance, and Information Technology (BFIT) |
| R I | Engineering and Industrial Technology (EIT) |
| S A E C | Human Services (HS) |

Step 4: Count the number of circles in each Pathway to determine your Primary and Secondary Pathways.
Primary Pathway: $\qquad$ (Greatest number of circles)

Secondary Pathway: $\qquad$ (Second greatest number of circles)

In case of a tie, go back and review the assessment for more indication factors or contact your guidance counselor for assistance.

NOTE: This tool, as well as a series of other types, will be used to assist students and parents in their selection process. This is intended to provide suggestions and general information, NOT to lock students into certain pathways. As always, this is an ongoing process.

# Five Career Pathways and Selinsgrove Career Clusters 

## Arts and Communication (AC)

Designed to cultivate students' awareness, interpretation, application, and production of visual, verbal, and written art.

- Selinsgrove Area School District Career Cluster Plan of Study
- Arts. A/V Technology \& Communication


## Business, Finance, and Information Technology (BFIT)

Preparing students for careers in the areas of business, finance, and information services.

- Selinsgrove Area School District Career Cluster Plan of Study
- Information and Technology
- Finance
- Business Management and Administration
- Marketing


## Engineering and Industrial Technology

Creating awareness and application opportunities in areas related to technologies necessary to design, develop, install, or maintain physical systems.

- Selinsgrove Area School District Career Cluster Plan of Study
- Transportation, Distribution, and Logistics
- Manufacturing
- Architecture and Construction


## Human Services

Designed to cultivate students' interests, skills, and experience for employment in careers related to human needs.

- Selinsgrove Area School District Career Cluster Plan of Study
- Government and Public Administration
- Education and Training
- Human Services
- Hospitality and Tourism
- Law, Public Safety, Corrections, and Security


## Science and Health

This cluster is designed to cultivate students' interests in the life, physical and behavioral sciences. This could also include the planning, managing and providing therapeutic services, diagnostic services, health information and research development.

- Selinsgrove Area School District Career Cluster Plan of Study
- Science, Technology, Engineering, and Math
- Agriculture, Food, and Natural Resources
- Health Sciences


## ACT 158 Of 2018

Act 158 of 2018 provides an outline of five distinct pathways to meet graduation requirements starting with the graduating Class of 2023.

Pathway 1 - Keystone Proficiency Pathway
Student will earn proficient or advanced on all three Keystone Exams (Algebra 1, Literature, and Biology).

## Pathway 2 - Keystone Composite Score

Student will earn proficient or advanced on at least one Keystone Exam and score at least basic on the other two keystone exams and_have a composite score of at least 4452.

## Pathway 3-Career \& Technical Education Pathway

Student will meet local requirements for academic content covered by the Keystone Exams for all subjects where they did not earn proficiency on the Keystone Exam.

## AND

Either-
Attain an industry-based competency certification related to the CTE Concentrator's program of study.

## OR

Demonstrate a high likelihood of success on an approved industry-based competency assessment or readiness for continued meaningful engagement in the CTE Concentrator's program of study.

## Pathway 4-Alternate Assessment Pathway

Student will meet local requirements for academic content covered by the Keystone Exams for all subjects where they did not earn proficiency on the Keystone Exam.

## AND - One of the Following

Attain an established score on an approved alternate assessment for each subject where the student did not earn proficiency. Approved alternate assessments are:

- AP (3), IB (4), PSAT (970), SAT (1010), ACT (21)
- ACT Work Keys: Gold Level
- ASVAB - minimum score required to gain admittance to a branch of the armed services in the year the student graduates
OR
Successfully complete a concurrent enrollment course in an academic content area associated with each Keystone Exam in which the student did not achieve at least proficiency:
- Credit-bearing non-remedial approved concurrent course
- Aligned to the respective keystone exams
- Passing grade on the approved concurrent course
- High school or college transcript as evidence


## OR

Successfully complete a pre-apprentice program:

- Specific career training designed to prepare a student for an occupation in an approved schedule of related instruction
- Program must be registered with the Director Apprenticeship and Training Office, PA Department for Labor, and Industry
- Meets all pre-apprenticeship program requirements, per specific industry requirements


## OR

Be accepted in an accredited 4-year nonprofit institution of higher education and have evidence of the ability to enroll in collegelevel work:

- Acceptance letter from an accredited 4-year nonprofit institution
- Placement test results indicating the student may enroll in college-level work
- College registration form confirming enrollment
- Local profile of an acceptable high school GPA, attendance record, and SAT/ACT score


## Pathway 5 - Evidence Based Pathway

Student will meet local requirements for academic content covered by the Keystone Exams for all subjects where they did not earn proficiency on the Keystone Exam.

## AND THREE (3) PIECES OF EVIDENCE

At least one (1) of the following:

- Attainment of an established score on an alternate assessment
- SAT Subject Test - 630
- ACT Work Keys: Silver Level
- AP (3) or IB (3) related to student career choice
- Acceptance to an, other than, 4-year accredited nonprofit institution of higher education
- Acceptance letter
- Placement test results
- College registration form
- Local profile of acceptable HS GPA, attendance record, CAT/ACT score
- Attainment of an industry recognized credential
- Documentation that verifies attainment as defined by the Office of Elementary and Secondary Education
- Successful completion of concurrent enrollment or postsecondary course
- Credit bearing non-remedial course
- Approved concurrent course aligned to the respective keystone
- Passing grade on an approved concurrent course
- High school or college transcript as evidence
- Service-Learning Project completion
- Must include project learning goal(s), project activities, and the project's contribution to the community
- Supervised and assessed by an adult; successful completion is verified in writing by the adult supervisor
- Sufficient duration and intensity to address identified community needs and meet specified project learning goal(s)
- Proficient or Advanced on a Keystone Exam
- Scaled score of 1500 or higher on one Keystone Exam
- Letter guaranteeing full-time employment
- Internship or Cooperative Education Program
- Appendix A - Industry-based Learning Indicator Guidance: work-based learning experiences
- Compliance with NCAA's core courses for college-bound student athletes
- Minimum GPA requirements (2.0) in approved NCAA core courses


## Other Than the Pathways

In addition to the 5 pathways described above there are two (2) other provisions available.

- Graduation based on IEP team decisions based upon academic goals
- Superintendent's waiver for students with extenuating circumstances (5\%)

Coses）

## Agriculture，Food and Natural Resources

## Career Cluster Plan of Study for Learners－Parents - Counselors - Teachers／Faculty

This Career Cluster Plan of Study（based on the Agriculture，Food and Natural Resources Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { 은 } \\ & \text { 苞岂 } \\ & \text { 合 } \end{aligned}$ | $\begin{aligned} & \text { 山⿱丷⿱一⿱㇒⿴囗㐅㐅ㅇ } \end{aligned}$ | English／ <br> Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 or Honors English 1 | $\begin{array}{\|l\|} \hline \text { Algebra 1 } \\ \text { or } \\ \text { Algebra } 2 \end{array}$ | Integrated Science <br> or <br> Integrated Science <br> Honors | WAHG 1 or WAHG 1 Honors | Ag Foundations | Required Courses： <br> ． 5 Health <br> 1 Technology <br> 1．5 PE <br> ． 5 Personal Finance <br> ． 5 Career Prep <br> ． 5 Arts <br> Recommended <br> Activities： <br> FFA <br> FBLA <br> Outdoors Club | －Agricultural Chemical Dealer －Agricultural Educator －Aqua culturalist <br> －Bank／Loan Office <br> －Botanist <br> －Ecologist <br> －Environmental Compliance <br> Assurance <br> Manager <br> －Environmental <br> Engineer <br> －Equine <br> Manager <br> －Farm Manager <br> －Fish and <br> Game Officer <br> －Health and <br> Safety Sanitarian <br> －Meat Cutter－ <br> Meat Grader <br> －Park Manager <br> －Produce Buyer <br> －Recycling <br> Technician <br> －Wildlife <br> Manager <br> －Plant <br> Pathologist <br> －Veterinarian |
|  | 10 | English 2 <br> or <br> English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic Geometry Honors | Biology or Biology Honors | WAHG 2 <br> or WAHG 2 Honors | Ag．Leadership A／SAE and Building Const． or Horticulture A |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental <br> Science <br> or <br> Chemistry | Civics and Government | Ag．Leadership B／SAE and <br> Power Engineering 1 <br> Welding 1 <br> or <br> Horticulture $B$ Veterinary <br> Science1 |  |  |
|  | 12 | English 4 <br> or <br> AP English | Career and Technical Course | Career and Technical Course | Career and Technical Course | Ag．Leadership C／SAE and <br> PowerEngineering 2 <br> Welding 2 <br> or <br> Horticulture C <br> Veterinary Science2 |  |  |
| 2 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 | $\begin{gathered} \hline \hline \text { Year } \\ 13 \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet learner＇s career goals regarding required degrees，licenses， certifications or journey worker status． Certain local student organization activities may also be important to include． |  |
|  | $\begin{gathered} \hline \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
|  | Year | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  |  |  |

## Arts, A/V Technology \& Communications

## Career Cluster Plan of Study for - Learners $>$ Parents $>$ Counselors - Teachers/Faculty

This Career Cluster Plan of Study (based on the Arts, AV Technology \& Communications Career Cluster) can serve as a guide, along with other career planning materials, as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.

|  | $\begin{aligned} & \text { 山్̣ } \\ & \text { 웅 } \end{aligned}$ | English/ Language Arts | Math | Science | Social Studies | *Career and Technical Courses and/or Degree Major Courses for Agriculture, Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 床000OU | 9 | English 1 or Honors English 1 | $\begin{aligned} & \hline \text { Algebra 1 } \\ & \text { or } \\ & \text { Algebra } 2 \end{aligned}$ | Integrated Science <br> or <br> Integrated Science <br> Honors | WAHG 1 <br> or <br> WAHG 1 <br> Honors | Man. Tech. 1,2,3 <br> Advanced Materials <br> Economics <br> Accounting 1 <br> Technical Drawing 1, 2 <br> Digital Photography <br> Design Engineering <br> Technology 1, 2 <br> Web Design 1, 2 <br> Intro to Art <br> Drawing and Painting <br> 1, 2 <br> Sculpture 1, 2 <br> Advanced Art <br> Computer Applications <br> Microsoft Office Certification <br> Sports \& Entertainment <br> Marketing <br> Band and Chorus Options <br> Music Theory 1, 2 <br> Piano 1-4 <br> Musical Theater <br> Popular Music Trends <br> Technical Drawing 1, 2 | Required Courses: <br> .5 Health <br> 1 Technology <br> 1.5 PE <br> . 5 Personal Finance <br> . 5 Career Prep <br> Recommended <br> Activities: <br> Yearbook <br> Newspaper <br> Student Council <br> Forensics <br> World Languages <br> Clubs <br> Prom Committee | - Actor <br> - Audio-Video <br> Designer and <br> Engineer <br> - Broadcast <br> Technician <br> - Commercial Artist <br> - Computer Animator <br> - Curator/Gallery <br> Manager <br> - Director and Coach <br> - Fashion Designer <br> - Journalist <br> - Lithographer <br> - Musician <br> - Printing Equipment Operator <br> - Telecommunication Technician <br> - Videographer <br> - Web Page Designer |
|  | 10 | English 2 <br> or <br> English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry/Analytic <br> Geometry Honors | Biology or Biology Honors | WAHG 2 <br> or <br> WAHG 2 <br> Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental <br> Science <br> or <br> Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4:Drama or AP English | Career and Technical Course | Career and Technical Course | Career and Technical Course |  |  |  |
|  | $\begin{gathered} \hline \text { Year } \\ 13 \\ \hline \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet learner's career goals regarding required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include. |  |
|  | $\begin{gathered} \text { Year } \\ 14 \\ \hline \end{gathered}$ | Speech/Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization. |  |  |  |  |  |  |

## iness，Management <br> $\star$ Administration

## Business，Management \＆Administration

## Career Cluster Plan of Study for Learners $>$ Parents - Counselors - Teachers／Faculty

This Career Cluster Plan of Study（based on the Business，Management \＆Administration Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { 은 } \\ & \text { 氙 } \\ & \text { Büu } \\ & \hline \underline{u} \end{aligned}$ | $\begin{aligned} & \text { 山⿱㐅⿸⿻口丿乚八ㅇ } \\ & \text { ¢ } \end{aligned}$ | English／ Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ⿸厂⿱二⿺卜丿口00O品 | 9 | English 1 <br> or <br> Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science <br> or <br> Integrated Science <br> Honors | WAHG 1 <br> or WAHG 1 Honors | Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Web Design 1， 2 <br> Computer Applications <br> Microsoft Office Certification <br> Sports Entertainment <br> Marketing <br> Today＇s Law <br> Money Talks：Stock \＆ <br> Bonds <br> Probability and Statistics <br> World Languages | Required Courses： <br> ． 5 Health <br> 1 Technology <br> 1．5 PE <br> ． 5 Personal Finance <br> ． 5 Career Prep | －Administrative Assistant <br> －Advertising Sales Person |
|  | 10 | $\begin{aligned} & \text { English 2 } \\ & \text { or } \\ & \text { English } 2 \text { Honors } \end{aligned}$ | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic Geometry Honors | Biology or Biology Honors | WAHG 2 <br> or <br> WAHG 2 Honors |  | Recommended Activities： FBLA | Consultant <br> －Certified Public <br> Accountant <br> －Corporate Trainer <br> －E－Commerce |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental <br> Science <br> or <br> Chemistry | Civics and Government |  | TSA <br> Yearbook <br> Newspaper <br> Student Council | Analyst <br> －Entrepreneur <br> －Facilities Manager <br> －Finance Director <br> －Human Resources <br> Manager |
|  | 12 | English 4 or AP English | Career and Technical Course | Career and Technical Course | Career and Technical Course |  | Key Club <br> Forensics <br> World Languages <br> Clubs |  |
| 分 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 | $\begin{gathered} \hline \text { Year } \\ 13 \\ \hline \end{gathered}$ | English <br> Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet | Executive <br> －Marketing Analyst <br> －Medical |
|  | $\begin{gathered} \hline \text { Year } \\ 14 \\ \hline \end{gathered}$ | Speech／Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  | learner＇s career goals regarding | Transcriptionist <br> －Office Manager |
|  | $\begin{gathered} \text { Year } \\ 15 \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  | required degrees， licenses， | －OSHA／ADA <br> Compliance Officer <br> －Personnel |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  | journey worker status．Certain local student organization activities may also be important to include． | Recruiter <br> －Public Relations <br> Manager <br> －Sales <br> Representative <br> －Wholesale and <br> Retail Buyer |

## Education \& Training

## Career Cluster Plan of Study for Learners $>$ Parents $>$ Counselors $>$ Teachers/Faculty

This Career Cluster Plan of Study (based on the Education \& Training Career Cluster) can serve as a guide, along with other career planning materials, as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's



Finance
Career Cluster Plan of Study for $>$ Learners $>$ Parents $>$ Counselors $>$ Teachers/Faculty
This Career Cluster Plan of Study (based on the Finance Career Cluster) can serve as a guide, along with other career planning materials, as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.


## Government \& Public Administration

## Career Cluster Plan of Study for Learners $>$ Parents $>$ Counselors - Teachers/Faculty

This Career Cluster Plan of Study (based on the Government \& Public Administration Career Cluster) can serve as a guide, along with other career planning materials, as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.


## Health Science

## Career Cluster Plan of Study for Learners $>$ Parents $>$ Counselors - Teachers/Faculty

This Career Cluster Plan of Study (based on the Health Science Career Cluster) can serve as a guide, along with other career planning materials, as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's

|  | $\begin{aligned} & \text { 山 } \\ & \stackrel{\rightharpoonup}{\grave{0}} \end{aligned}$ | English/ <br> Language Arts | Math | Science | Social Studies | *Career and Technical Courses and/or Degree Major Courses for Agriculture, Food and Natural Resources | Other Required Courses Other Electives <br> Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or <br> Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science or Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Accounting 1 <br> Financial Accounting <br> Web Design 1, 2 <br> Computer Applications <br> Microsoft Office Certification <br> Child Development <br> Intro to Psychology <br> Psychology AP <br> Anatomy \& Physiology <br> Intro to <br> Organic/Biochemistry <br> Introduction to <br> Exceptionalities <br> Probability \& Statistics <br> World Languages <br> Intro to Sports Medicine | Required Courses: <br> . 5 Health, <br> 1 Technology <br> 1.5 PE <br> . 5 Personal Finance <br> . 5 Career Prep <br> . 5 Arts <br> Recommended <br> Activities: <br> World Languages <br> Clubs <br> Key Club <br> Forensics <br> SADD <br> Student Council | - Dental Assistant/Hygienist <br> - EMT/Paramedic <br> - Health Information Coder <br> - Home Health Aide <br> - Lab Technician <br> - Phlebotomist <br> - Radiographer <br> - Registered Nurse <br> - Athletic Trainer <br> - Biochemist <br> - Biostatistician <br> - Geneticist <br> - Industrial Hygienist <br> - Nutritionist <br> - Occupational <br> Therapist <br> - Physician (MD/DO) <br> - Physician's <br> Assistant <br> - Psychologist <br> - Radiologist <br> - Research Scientist <br> - Speech/Language Pathologist <br> - Toxicologist <br> - Veterinarian |
|  | 10 | English 2 <br> or English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry/Analytic <br> Geometry Honors | Biology or Biology Honors | WAHG 2 or WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or English 3 Honors | Plane Geometry | Environmental Science or Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 or AP English | Career ana Iecnnıcal Course | BIOIogy AF <br> or Chemistry AP | Career and Technical Course |  |  |  |
|  | Year 13 | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet |  |
| 友 | Year 14 | Speech/Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  | learner's career goals regarding required degrees, |  |
| $\begin{aligned} & \dot{O} \\ & \hline \mathbf{O} \end{aligned}$ | $\begin{gathered} \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  | licenses, certifications or |  |
| $\begin{aligned} & \text { M } \\ & \frac{1}{2} \\ & \hline 8 \end{aligned}$ | Year 16 | Continue courses in the area of specialization. |  |  |  |  | certifications or journey worker status. Certain local student organization activities may also be important to include. |  |

## Hospitality \& Tourism

## Career Cluster Plan of Study for Learners - Parents - Counselors - Teachers/Faculty

This Career Cluster Plan of Study (based on the Hospitality \& Tourism Career Cluster) can serve as a guide, along with other career planning materials,
as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.

| $\begin{aligned} & \text { 즌 } \\ & \text { S을 } \\ & \text { 号 } \end{aligned}$ |  | English/ <br> Language Arts | Math | Science | Social Studies | *Career and Technical Courses and/or Degree Major Courses for Agriculture, Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 or Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science or Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Digital Photography <br> Web Design 1, 2 <br> Intro to Art <br> Computer Applications <br> Microsoft Office Certification <br> World Languages <br> Discovering Foods <br> Asian Cuisine and Culture <br> European Cuisine and <br> Culture <br>  <br> Bonds <br> Today's Law <br> Intro to Psychology <br> Psychology AP <br> Contemporary Issues <br>  <br> Marketing | Required Courses: <br> . 5 Health, <br> 1 Technology <br> 1.5 PE <br> . 5 Personal Finance <br> . 5 Career Prep <br> . 5 Arts <br> Recommended <br> Activities: <br> Future Business <br> Leaders of America <br> Forensics Club <br> Key Club <br> World Languages <br> Clubs <br> Student Council <br> Yearbook <br> Newspaper <br> Outdoor Club | - Baker <br> - Bartender <br> - Casino Manager <br> - Caterer <br> - Concierge <br> - Convention <br> Services Manager <br> - Director of Operations - Lodging <br> - Director of Tourism Development <br> - Event Planner <br> - Executive Chef <br> - Facilities Manager <br> - Maitre d' <br> - Museum Director <br> - Reservations <br> Manager <br> - Restaurant Owner/Manager <br> - Sports Promoter <br> - Theme Park Manager <br> - Tour and Travel Guide <br> - Travel Agent <br> - Wine Steward |
|  | 10 | English 2 <br> or <br> English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry/Analytic <br> Geometry Honors | Biology or Biology Honors | WAHG 2 or WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Hlane Geometry | Environmental <br> Science <br> or <br> Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 <br> or <br> AP English | Career and Technical Course | Biology AP <br> or <br> Chemistry AP | Career and Technical Course |  |  |  |
|  | Year 13 | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet |  |
| を | Year 14 | Speech/Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  | learner's career goals regarding required degrees, |  |
| -2 | $\begin{gathered} \hline \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  | licenses, certifications or |  |
| $\begin{aligned} & \frac{\mathrm{m}}{\circ} \\ & \frac{0}{0} \end{aligned}$ | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization. |  |  |  |  | certifications or journey worker status. Certain local student organization activities may also be important to include. |  |

## Human Services

## Career Cluster Plan of Study for $>$ Learners $\rightarrow$ Parents $>$ Counselors $>$ Teachers／Faculty

This Career Cluster Plan of Study（based on the Human Services Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { 20 } \\ & \text { 苞总 } \\ & \text { Büu } \end{aligned}$ |  | English／ Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating <br> to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or <br> Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science or Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Accounting 1 <br> Financial Accounting <br> Digital Photography <br> Web Design 1， 2 <br> Intro to Art <br> Computer <br> Applications <br> Microsoft Office Certification <br> Child Development <br> Introduction to <br> Exceptionalities <br> World Languages <br> Contemporary Issues <br> Intro to Psychology <br> Psychology AP <br> Today＇s Law <br> Money Talk：Stocks \＆ <br> Bonds <br> Anatomy \＆Physiology 1 <br> Discovering Food <br> Asian Cuisine and Culture <br> European Cuisine and Culture， | Required Courses： <br> .5 Health， <br> 1 Technology <br> 1．5 PE <br> ． 5 Personal Finance <br> ． 5 Career Prep <br> ． 5 Arts | －Buyer <br> －Certified Financial <br> Planner <br> －Community Service <br> Director <br> －Consumer Advocate <br> －Cosmetologist <br> －Director of Childcare <br> Facility <br> －Emergency and <br> Relief Worker <br> －Esthetician <br> －Funeral Director <br> －Licensed <br> Professional Counselor <br> －Market Researcher <br> －Massage Therapist <br> －Personal Fitness <br> Trainer <br> －School <br> Psychologist／Counselor <br> －Small Business <br> Owner <br> －Social Worker |
|  | 10 | EngIIsn く <br> or <br> English 2 Honors | Algeora＜ <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic <br> Geometry Honors | bloogy <br> or Biology Honors | vvarG く <br> or <br> WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental Science <br> or <br> Chemistry | Civics and Government |  | World Languages Clubs <br> Key Club Forensics |  |
|  | 12 | ᄃıIIISII 4 <br> or <br> AP English | varter allu Itecillical Course | diuuyy ar <br> or <br> Chemistry AP | valeer aliu Technical Course |  | SADD <br> Student Council <br> Newspaper <br> Yearbook <br> Young Disciples <br> Club <br> FBLA |  |
|  | $\begin{gathered} \text { Year } \\ 13 \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet learner＇s career goals regarding required degrees， licenses， certifications or journey worker status．Certain local student organization activities may also be important to include． |  |
|  | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \hline \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  |  |  |



## Information Technology

## Career Cluster Plan of Study for $>$ Learners $\rightarrow$ Parents $>$ Counselors $>$ Teachers／Faculty

This Career Cluster Plan of Study（based on the Information Technology Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

|  | $\begin{aligned} & \text { 山⿱丷丅犬 } \\ & \stackrel{\text { ¢ }}{2} \end{aligned}$ | English／ Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating <br> to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or <br> Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science <br> or <br> Integrated Science <br> Honors | WAHG 1 or WAHG 1 Honors | Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Technical Drawing 1， 2 <br> Digital Photography \＆ <br> Adobe Photoshop <br> Design Engineering <br> Technology <br> Web Design 1， 2 <br> Computer Applications <br> Microsoft Office Certification | Required Courses： <br> ． 5 Heath， <br> 1 Technology <br> 1.5 PE <br> 5 Personal Finance <br> ． 5 Career Prep <br> ． 5 Arts <br> Recommended <br> Activities： <br> TSA <br> FBLA <br> Newspaper <br> Yearbook <br> World Languages <br> Clubs <br> Student Council <br> Key Club | －Animator <br> －Database <br> Administrator <br> －Data Systems <br> Designer <br> －E－Business <br> Specialist <br> －Game Developer <br> －Information <br> Technology Engineer <br> －Media Specialist <br> －Network <br> Administrator <br> －Network Security <br> Analyst <br> －PC Support <br> Specialist <br> －Programmer <br> －Software <br> Applications Specialist <br> －Systems <br> Administrator <br> －Telecommunications <br> Network．Technician <br> －User Support <br> Specialist <br> －Virtual Reality <br> Specialist <br> －Web <br> ArchitectDesigner |
|  | 10 | English 2 <br> or <br> English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic <br> Geometry Honors | Biology or Biology Honors | WAHG 2 <br> or <br> WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental Science or Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 or AP English | Career and Technical Course | $\begin{aligned} & \text { Biology AP } \\ & \text { or } \\ & \text { Chemistry AP } \end{aligned}$ | Career and Technical Course |  |  |  |
|  | $\begin{gathered} \hline \hline \text { Year } \\ 13 \\ \hline \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet |  |
| 交 | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  | learner＇s career goals regarding required degrees， licenses， |  |
| O | $\begin{gathered} \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  | certifications or journey worker |  |
| O | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  | journey worker <br> status．Certain local student organization activities may also be important to include． |  |

## Law，Public Safety，Corrections \＆Security

## Career Cluster Plan of Study for Learners - Parents $>$ Counselors $>$ Teachers／Faculty

This Career Cluster Plan of Study（based on the Law，Public Safety，Corrections \＆Security Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

|  | $\begin{aligned} & \text { 山 } \\ & \text { 㐅⿸厂⿱二小卜 } \end{aligned}$ | English／ <br> Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 or Honors English 1 | Algebra 1 <br> or <br> Algebra 2 | Integrated Science or <br> Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Web Design 1， 2 <br> Computer Applications <br> Microsoft Office Certification <br> Today＇s Law <br> Money Talks：Stocks \＆ <br> Bonds <br> Probability and Statistics <br> Contemporary Issues <br> Intro to Psychology <br> Psychology AP <br> World Languages <br> Anatomy \＆Physiology <br> Power Weight <br> Child Development | Required Courses： <br> ． 5 Health， <br> 1 Technology <br> 1．5 PE <br> ． 5 Personal <br> Finance， <br> ． 5 Career Prep <br> ． 5 Arts <br> Recommended <br> Activities： <br> FBLA <br> Student Council <br> Forensics <br> Key Club <br> World Languages <br> Clubs <br> Newspaper <br> Yearbook <br> Outdoors Club <br> All plans of study need to meet learner＇s career goals regarding required degrees， licenses， certifications or journey worker status．Certain local student organization activities may also be important to include． | －Attorney <br> －Bomb Technician <br> －Corrections Officer <br> －Court Reporter <br> －Criminal Investigator <br> －EMT <br> －Federal Marshall <br> －Firefighter <br> －Gaming Surveillance Specialist <br> －Hazardous Materials Responder <br> －Loss Prevention Specialist <br> －Paralegal <br> －Park Ranger <br> －Police and Patrol Officer <br> －Probation／Parole Officer <br> －Public Information Officer <br> －Security Director <br> －Youth Services Worker |
|  | 10 | English 2 <br> or English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic <br> Geometry Honors | Biology <br> or Biology Honors | WAHG 2 or WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or English 3 Honors | Plane Geometry | Environmental <br> Science <br> or <br> Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 <br> or <br> AP English | Career and Technical Course | Biology AP <br> or Chemistry AP | Career and Technical Course |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 13 \\ \hline \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  |  |  |
| $\frac{\pi}{c}$ | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
| $\begin{aligned} & O \\ & \text { H } \\ & 0 \end{aligned}$ | Year 15 | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
| $8$ | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  |  |  |

## nufacturing



## Manufacturing

## Career Cluster Plan of Study for - Learners - Parents - Counselors - Teachers/Faculty

This Career Cluster Plan of Study (based on the Manufacturing Career Cluster) can serve as a guide, along with other career planning materials,
as Selinsgrove Area High School learners continue on a career path. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals.

|  | $\begin{aligned} & \stackrel{\text { 山̈ }}{\stackrel{\rightharpoonup}{\sigma}} \end{aligned}$ | English/ Language Arts | Math | Science | Social Studies | *Career and Technical Courses and/or Degree Major Courses for Agriculture, Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or <br> Honors English 1 | Algebra 1 or Algebra 2 | ```Integrated Science or Integrated Science Honors``` | WAHG 1 <br> or <br> WAHG 1 Honors | Building Construction <br> Welding Technology 1, 2 <br> Power Engineering 1, 2 <br> Manufacturing Technology <br> 1, 2, 3 <br> Advanced Materials <br> Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Technical Drawing 1, 2 <br> Digital Photography <br> Design Engineering <br> Technology 1, 2 <br> Web Design 1, 2 <br> Intro to Art <br> Computer Applications <br> Microsoft Office Certification | Required Courses: <br> . 5 Health, <br> 1 Technology <br> 1.5 PE <br> . 5 Personal <br> Finance, <br> . 5 Career Prep <br> . 5 Arts <br> Recommended <br> Activities: <br> Technical Students <br> Association <br> Outdoors Club | - Assembler <br> - Boilermaker <br> - Design Engineer <br> - Environmental <br> Engineer <br> - Foundry Worker <br> - Freight, Stock and Material Mover <br> - Health and Safety <br> Representative <br> - Industrial Machinery <br> Mechanic <br> - Inspector <br> - Labor Relations <br> Manager <br> - Logistician <br> - Manufacturing <br> Technician <br> - Pattern and Model <br> Maker <br> - Production Manager <br> - Quality Control <br> Technician <br> - Safety Engineer <br> - SPC Coordinator <br> - Tool and Diemaker <br> - Traffic Manager <br> - Welder |
|  | 10 | English 2 <br> or <br> English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry/Analytic Geometry Honors | Biology <br> or <br> Biology Honors | WAHG 2 <br> or <br> WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | Plane Geometry | Environmental Science ${ }^{\circ} \mathrm{Cr}$ Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 or AP English | Career and Technical Course | Biology AP <br> or <br> Chemistry AP | Career and Technical Course |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 13 \\ \hline \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet learner's career goals regarding required degrees, licenses, certifications or journey worker status. Certain local student organization activities may also be important to include. |  |
|  | Year 14 | Speech/Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \hline \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization. |  |  |  |  |  |  |



## Marketing

## Career Cluster Plan of Study for Learners－Parents－Counselors－Teachers／Faculty

This Career Cluster Plan of Study（based on the Marketing Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { 은 } \\ & \text { 运 } \\ & \text { 邑 } \end{aligned}$ | $\begin{gathered} \text { 山 } \\ \text { ̣우 } \end{gathered}$ | English／ <br> Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives <br> Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or Honors English 1 | Algebra 1 or Algebra 2 | Integrated Science or Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Digital Photography <br> Web Design 1， 2 <br> Intro to Art <br> Computer Applications <br> Microsoft Office <br> Certification <br> World Languages <br> Money Talks：Stocks \＆ <br> Bonds <br> Today＇s Law <br> Psychology <br> Contemporary Issues <br> Sports Entertainment <br> Marketing | Required Courses： <br> ． 5 Health， <br> 1 Technology <br> 1．5 PE <br> ． 5 Personal <br> Finance， <br> ． 5 Career Prep <br> ． 5 Arts <br> Recommended <br> Activities： <br> FBLA <br> Forensics Club <br> Key Club <br> World Languages <br> Clubs <br> Student Council <br> Yearbook <br> Newspaper <br> Prom Committee <br> All plans of study need to meet learner＇s career goals regarding required degrees， licenses， certifications or journey worker status．Certain local student organization activities may also be important to include． | －Copywriter／Designer <br> －E－Commerce <br> Director <br> －Entrepreneur <br> －Field Marketing <br> Representative <br> －Forecasting <br> Manager Interactive <br> Media Specialist <br> －Inventory <br> Manager／Analyst <br> －Logistics Manager <br> －Merchandise Buyer <br> －On－line Market <br> Researcher <br> －Public Relations <br> Manager <br> －Promotions <br> Manager Retail <br> Marketing Coordinator <br> －Sales Executive <br> －Shipping／Receiving Clerk <br> －Telemarketer <br> －Trade Show <br> Manager <br> －Warehouse <br> Manager <br> －Webmaster |
|  | 10 | English 2 <br> or English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic Geometry Honors | Biology <br> or Biology Honors | WAHG 2 or <br> WAHG 2 Honors |  |  |  |
|  | 11 | English 3 or English 3 Honors | Plane Geometry | Environmental Science <br> or Chemistry | Civics and Government |  |  |  |
|  | 12 | English 4 or AP English | Career and Technical Course | Biology AP <br> or Chemistry AP | Career and Technical Course |  |  |  |
|  | $\begin{gathered} \hline \text { Year } \\ 13 \\ \hline \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  |  |  |
| $\begin{aligned} & \text { to } \\ & \frac{\alpha}{1} \\ & \frac{1}{2} \end{aligned}$ | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
| O <br> 피 <br> 0 | $\begin{gathered} \hline \text { Year } \\ 15 \\ \hline \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
| $8$ | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  |  |  |

## Science，Technology，Engineering \＆Mathematics

## Career Cluster Plan of Study for Learners $>$ Parents $>$ Counselors - Teachers／Faculty

This Career Cluster Plan of Study（based on the Science，Technology，Engineering \＆Mathematics Career Cluster）can serve as a guide，along with other career planning materials，as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { 은 } \\ & \text { 怠岂 } \\ & \text { 呺 } \end{aligned}$ |  | English／ Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 9 | English 1 <br> or <br> Honors English 1 | $\begin{aligned} & \hline \text { Algebra 1 } \\ & \text { or } \\ & \text { Algebra } 2 \end{aligned}$ | Integrated Science or Integrated Science Honors | WAHG 1 <br> or <br> WAHG 1 Honors | Web Design 1， 2 <br> Computer Applications <br> Microsoft Office <br> Certification <br> Design Engineering <br> Technology <br> Technical Drawing 1，2， 3 <br> Psychology <br> Anatomy \＆Physiology <br> Probability and Statistics <br> Statistics AP <br> World Languages | Required Courses： <br> ． 5 Health， <br> 1 Technology <br> 1.5 PE <br> ． 5 Personal <br> Finance， <br> ． 5 Career Prep <br> ． 5 Arts | －Aerospace Engineer <br> －Agricultural <br> Engineer Analytical <br> Chemist <br> －Anthropologist <br> －Architectural <br> Engineer <br> －Astrophysicist <br> －Biomedical Engineer <br> －CAD Technician |
|  | 10 | EngIIsn ८ <br> or <br> English 2 Honors | Algeora＜ <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic <br> Geometry Honors | $\begin{aligned} & \hline \text { Sloorgy } \\ & \text { or } \\ & \text { Biology Honors } \end{aligned}$ | VVAHG く <br> or <br> WAHG 2 Honors |  |  |  |
|  | 11 | English 3 <br> or <br> English 3 Honors | $\begin{aligned} & \hline \text { Plane Geometry } \\ & \text { or } \\ & \text { Pre-Calculus } \end{aligned}$ | Environmental <br> Science <br> or <br> Chemistry | Civics and Government |  | Activities： <br> TSA <br> World Languages <br> Clubs | －Civil Engineer <br> －Computer <br> Programmer |
|  | 12 | EIIylıII 4 or AP English | Lalculus ar <br> or <br> Career and Technical Course | diuvyy ar <br> or <br> Chemistry AP <br> or <br> Physics | valuer allu Technical Course |  |  | －Geologist <br> －Geothermal Engineer <br> －Math Teacher <br> －Mathematician |
| 2 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 <br> 0 | $\begin{gathered} \text { Year } \\ 13 \end{gathered}$ | English Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet learner＇s career goals regarding required degrees， licenses， certifications or journey worker status．Certain local student organization activities may also be important to include． | －Metallurgist <br> －Statistician <br> －Survey Technician |
|  | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communicatio n | Dependent or chosen pathway | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 15 \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  |  |  |
|  | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  |  |  |

## Transportation，Distribution \＆Logistics

## Career Cluster Plan of Study for - Learners $>$ Parents $>$ Counselors - Teachers／Faculty

This Career Cluster Plan of Study（based on the Transportation，Distribution \＆Logistics Career Cluster）can serve as a guide，along with other career planning materials， as Selinsgrove Area High School learners continue on a career path．Courses listed within this plan are only recommended coursework and should be individualized to meet each learner＇s educational and career goals．

| $\begin{aligned} & \text { zon } \\ & \text { 은 } \\ & \text { 号 } \\ & \text { 邑 } \end{aligned}$ | $\begin{aligned} & \text { 山 } \\ & \text { ¢ } \\ & \text { 우 } \end{aligned}$ | English／ <br> Language Arts | Math | Science | Social Studies | ＊Career and Technical Courses and／or Degree Major Courses for Agriculture，Food and Natural Resources | Other Required Courses Other Electives <br> Recommended Electives Learner Activities | Occupations Relating to This Career Cluster |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \％0000品 | 9 | English 1 or Honors English 1 | Algebra 1 <br> or <br> Algebra 2 | Integrated Science or <br> Integrated Science Honors | WAHG 1 or WAHG 1 Honors | Economics <br> Accounting 1 <br> Financial Accounting <br> Entrepreneurship <br> Web Design 1， 2 <br> Computer Applications <br> Microsoft Office Certification <br> Probability and Statistics <br> Psychology <br> World Languages <br> Power Engineering 1， 2 | Required Courses： <br> ． 5 Health， <br> 1 Technology <br> 1．5 PE <br> 5 Personal Finance， <br> ． 5 Career Prep <br> ． 5 Arts | －Airplane Pilot／Co－ Pilot <br> －Air Traffic Controller <br> －Avionics Technician |
|  | 10 | English 2 <br> or English 2 Honors | Algebra 2 <br> or <br> Plane Geometry <br> or <br> Trigonometry／Analytic <br> Geometry Honors | Biology or Biology Honors | WAHG 2 or WAHG 2 Honors |  |  | －Cargo and Freight Agent <br> －Customs Inspector <br> －Environmental <br> Manager <br> －Facility Engineer |
|  | 11 | English 3 <br> or English 3 Honors | Plane Geometry | Environmental <br> Science <br> or Chemistry | Civics and Government |  | FFA <br> Outdoor Club <br> FBL <br> TSA | Industrial Equipment Mechanic <br> －Industrial and Packaging Engineer |
|  | 12 | English 4 <br> or <br> AP English | Career and Technical Course | Career and Technical Course | Career and Technical Course |  | World Languages Clubs | International Logistics Specialist <br> Locomotive |
|  | $\begin{gathered} \hline \text { Year } \\ 13 \\ \hline \end{gathered}$ | English <br> Composition | Algebra | Dependent or chosen pathway |  |  | All plans of study need to meet | Captain <br> －Port Manager |
| 布 | $\begin{gathered} \text { Year } \\ 14 \end{gathered}$ | Speech／Oral Communication | Dependent or chosen pathway | Dependent or chosen pathway |  |  | learner＇s career goals regarding required degrees， | －Safety Analyst <br> －Storage and |
| ¢ | $\begin{gathered} \hline \text { Year } \\ 15 \end{gathered}$ | Technical Writing | Statistics | Dependent or chosen pathway |  |  | licenses， certifications or | Distribution Manager <br> －Transportation Manager |
| $\begin{aligned} & \stackrel{H}{0} \\ & \frac{0}{8} \end{aligned}$ | $\begin{gathered} \text { Year } \\ 16 \end{gathered}$ | Continue courses in the area of specialization． |  |  |  |  | journey worker status．Certain local student organization activities may also be important to include． | －Truck Driver <br> －Urban and Regional Planner <br> －Warehouse Manager |

## Academic Programs

The Course Guide is intended to provide each of you with information in planning your school program for next year and in future years. Included in the guide is a description of each required and elective course, any prerequisites for courses and the credit value assigned to each class.

Planning your program for next year will require the cooperation of you, your parents, teachers, counselors, advisors, and any others you seek out for assistance. The decisions you make will have a profound effect on what you will do in future years in high school and beyond.

There are many factors involved in assessing the success you will realize with your program. Certainly, your achievement in the classroom must be considered, along with your attitude, citizenship, character, activities record, and attendance.

Counselors will meet with all classes in assisting with the registration for the next school year. They will distribute materials, give specific directions for the classes, and answer questions as they arise. During the $3^{\text {rd }}$ marking period, students will then register for the classes they wish to enroll in for the following year. Students may set up individual appointments with the counselors to discuss their future program(s).

The final decisions you make with your program rest with you. There are many who are available to assist you in arriving at your decisions, but you are responsible for the planning. You must consider carefully your aptitudes and interests, your wants and your needs, so that what you plan is what is best for you. Working with it diligently now will go a long way in assuring you a happy future.

## SUN Area Technical Institute

Students will be enrolled as full-time students during their senior year. Student selection for enrollment in the various programs is done by the students' home school. During the fall of each school year, the SUN Area Counselor will visit the home school to give a presentation describing the programs offered. Policies of the SUN Area Technical Institute and its member districts provide for the development and selection of materials that do not create occupational stereotypes; hence, encouraging female and minority students to participate in the programs and activities in which they are traditionally underrepresented. Any student who is planning to attend SUN Area Technical Institute should plan to schedule two English classes and Personal Finance during their junior year if possible.

## Honors Courses

Honors courses are designed to provide a greater depth of instruction at an accelerated pace. Placement into honors courses is based on strong academic performance and achievement in previous courses along with teacher recommendation. Honors courses place higher demands on a student's time. A demonstrated ability to work with a heavier workload is essential. There is also an increased demand for student participation and independent learning. Grades earned in Honors Courses are weighted (. 05 weight) only after successfully completing the course. Be sure to read the course descriptions for more specific information. Honors courses at Selinsgrove Area High School include:

| English 1 Honors (part of WAHGlish) | English 3 Honors | Trigonometry/Analytic Geometry Honors |
| :--- | :--- | :--- |
| WAHG 1 Honors (part of WAHGlish) | Biology Honors |  |
| English 2 Honors | Integrated Science Honors |  |
| WAHG 2 Honors | Algebra 2 Honors |  |

## Advanced Placement

The Advanced Placement program is based on the belief that there are high school students who are capable of college-level course work. The Advanced Placement program is operated through the College Board and is national in scope. All Advanced Placement courses are designed to be the equivalent of freshman level college courses and as a result require more individual work than many other courses. Grades earned in AP Courses are weighted (. 10 weight) only after successfully completing the course. Be sure to read the course descriptions for more specific information.

There is an Advanced Placement examination offered by the Educational Testing Service. All students who take an Advanced Placement class are required to take the appropriate examination in May. The cost for the tests, as set by the Educational Testing Service, is approximately $\$ 88.00$ (which could be subject to change) and all tests are administered at the school.

Many colleges grant credit or advanced standing for particular grades on the examination. The amount of credit given, and the score required varies from college to college. It is the student's responsibility to apply for proper placement and credit at college.

The AP courses offered at Selinsgrove include:
United States History
English (Literature and Composition)
Biology
Calculus
Chemistry (Alternating Years)

```
Environmental Science (Alternating Years)
European History
Psychology
Statistics
```

Chemistry (Alternating Years)

## Dual Enrollment Opportunities

SUSQUEHANNA UNIVERSITY: Susquehanna University provides certain tuition-free, college-level courses for academically talented juniors and seniors. Up to 8 credits (two courses) PER YEAR may be taken. Most students choose to take one course per semester rather than taking two courses in one semester. Students may confer with their counselors concerning this special student status. Interested students must meet district requirements and should begin to plan for this program no later than registration of the junior year. High school students may matriculate at Susquehanna University depending on course availability and school quota. All students must be approved by the high school and Susquehanna University personnel. Pre-registration and program counseling will be provided cooperatively by university officials and high school counselors. Transportation and instructional materials are the responsibility of the student.

Students attending Susquehanna must comply with rules and regulations concerning school attendance during the semester in which they are enrolled at Susquehanna. Furthermore, students must obtain a $C(2.00)$ or higher in all courses to continue in the SU program (Susquehanna University requirement).

BLOOMSBURG UNIVERSITY: Selinsgrove Area High School participates in a program at Bloomsburg University which allows students to take college courses at reduced tuition rates. The Early College Experience (ECE) Program at Bloomsburg University allows qualified juniors and seniors to take one or more college courses. Students may save up to $75 \%$ on tuition in the ECE Program. More information about this program can be found at: www.bloomu.edu/ace

LACKAWANNA COLLEGE: Junior and/or Seniors at Selinsgrove Area High School can earn college credit from Lackawanna College in a variety of ways at a discounted rate. Students enrolled in qualifying AP courses may register and receive Lackawanna College credit for course completion. Students may also access Lackawanna's Online course offerings at a fraction of the cost per credit. Participation in this dual enrollment opportunity needs to be discussed with students' guidance counselors. More information can be obtained by contacting the high school guidance office.

Any student interested in taking advantage of Dual Enrollment opportunities must meet with their counselor during their junior year when they are registering for their senior year classes! All requests for dual enrollment must meet district qualifications and are subject to approval by the district.

GLOBAL SCHOLARS: The PSMLA Global Scholars Program provides all high school students the opportunity to:

- Meaningfully select interdisciplinary studies and activities.
- Develop global awareness/competency.
- Better prepare themselves for personal and professional success in an increasingly global society.

After completing all the criteria associated with becoming a Global Scholar, students qualify for a:

1. Global Scholars Certificate,
2. Global Scholars Seal on the diploma, and/or
3. Global Scholars Honor Cord to wear at graduation.

To graduate as a Global Scholar, students must meet criteria in the following areas: Academic Courses, Active Participation, Service, and Completion of a Literature/Media Review. More information about becoming a global scholar can be obtained by contacting the high school office or guidance office.

## Graduation Requirements

To graduate from the Selinsgrove Area High School, students must complete the following requirements:

- Demonstrate proficiency of the PA standards
- Satisfy Board approved graduation requirements for course work
- New State Graduation Requirement - Beginning with the Class of 2023
- Keystone Proficiency, Composite Keystone Score, Industry Cert., or Career Portfolio


## Required Credits

## UNITS OF CREDIT

## COURSE/SUBJECT

English
Mathematics (Algebra 1 is required)
Science (Biology is required)
Social Studies (Civics is required)
Technology
Physical Education
Arts (Art, Music, World Language)
Health
Personal Finance
Career Prep/Awareness
Additional/Elective Credits

27 Total Credits Needed to Graduate

Grade Level Suggestions - Please refer to career pathways recommendations as well.

| $9^{\text {th }}$ Grade | 10 ${ }^{\text {th }}$ Grade | 11 ${ }^{\text {th }}$ Grade | $12^{\text {th }}$ Grade |
| :---: | :---: | :---: | :---: |
| English -1 | English-1 | English - 1 | English -1 |
| Math -1 | Math - 1 | Math - 1 | Core/Elective |
| PE - . 5 | PE - . 5 | PE - . 5 | Core/Elective |
| Social Studies -1 | Social Studies -1 | Social Studies -1 | Core/Elective |
| Science - 1 | Science - 1 | Science - 1 | Core/Elective |
| . 5 Technology credit | Health - . 5 | Career Prep - . 5 | Personal Finance - . 5 |
| Elective credits - 3 | Elective credits - 3 | Elective credits - 3 | Elective credits - 6.5 |
| *See Below | *See Below | *See Below | *See Below |
| TOTAL CREDITS = 8 | TOTAL CREDITS = 8 | TOTAL CREDITS = 8 | TOTAL CREDITS = 8 |

*Additional course requirement prior to graduation: an additional .5 credit of technology and .5 Arts (Art, Music, Foreign Language)
While there are no required courses in these subject areas, many colleges emphasize the desire for 4 years of study in one or more of these areas. Some stress a desire for a world language as well. Students planning on going to college after graduation should be aware of these preferences and if they have an idea of the type of college they would hope to attend, it is never too early to review their suggested courses and requirements. Colleges will also take into consideration the level or rigor of coursework selected by the student.

The following courses meet the technology requirement:

COURSE<br>Computer Applications<br>Digital Photography and Adobe Photoshop<br>Technical Drawing 1, 2<br>Design Engineering Technology<br>Web Design 1, 2<br>Visual Design - Adobe Illustrator

## DEPARTMENT

Business
Technology Education
Technology Education
Technology Education
Technology Education
Technology Education
The following SUN Area Technical Institute programs meet graduation requirements as noted:

| Advanced Precision Machining | Mathematics 1 Credit |
| :--- | :--- |
| Advertising Art \& Design | Technology . Credit |
| Computer and Networking Technology | Technology 1 Credit |
| Electrical Systems Technology | Science 1 Credit |
| Health Professions \& Related Services | Health .5 Credit |

Any course taught in the Art, Music or World Languages departments meets the Arts requirement.

## Promotion Requirements

To advance a grade level, a student must have attained the following credits:

|  | Major/Core Credits | Total Credits |
| :--- | :---: | :---: |
| Grade 9 to Grade 10 | 3 | 6 |
| Grade 10 to Grade 11 | 6 | 12 |
| Grade 11 to Grade 12 | 9 | 19 |

## KUDER

Kuder is a provider of online career education resources and training to schools and community-based organizations in Pennsylvania. Each student in the district is provided a KUDER account that allows them to explore WHO they are, WHAT they want to do as a career, and HOW to get to that goal. The site also serves as an activity and document repository that will be utilized for career planning and to generate a career portfolio.

Each of Kuder's programs is aligned to the Pennsylvania Academic Standards for Career Education and Work. As a result, the content helps schools and community-based training meet required teaching standards while connecting students with the real needs and opportunities within today's workplace.

## SEAL of Employability

Selinsgrove Area High School is implementing a new program through which students will be recognized for their high level of employability. The SEAL of Employability will distinguish students who have demonstrated the skills we know employers are looking for in a high school graduate.

Students selected as recipients of this honor will have:

- Completed a SEAL Employability application (similar to a job application).
- Maintained an exemplary attendance record (including being on time regularly).
- Adhered to all aspects of the school's code of conduct including successful participation in the school's random drug testing program.
- Received faculty support through recommendations.
- Completed relevant job experiences.
- Held a part or full-time job during high school and/or participated in internships, job shadows, etc.

Students will be awarded a certificate as well as cords to wear at graduation.

## Course Offerings

## Agricultural Sciences

## AGRICULTURAL FOUNDATIONS

Course: 4AGS101
Grades 9 and 10
Credit: 1.0
Description: This course is designed to teach students about the world around them as it relates to agriculture. Students interested in careers in agriculture, food, and the natural resources systems that produce the food, fiber, and fuel that are essential to daily life should schedule this introductory course in Grade 9. Upon completion of the course, students may earn post-secondary credits that will transfer to Delaware Valley University. Students will complete the Introduction to Agriculture, Food, and Natural Resources (AFNR) CASE curriculum which introduces a range of agricultural opportunities and the pathways of study they may pursue. Science, mathematics, reading, and writing components, as well as activities to develop and improve employability skills are woven in the context of agriculture and students will use the introductory skills and knowledge developed in this course throughout the year and in related agriculture courses. Students will explore career and post-secondary opportunities in each area of the course. Students who successfully complete this course will possess knowledge and skills required to enroll in agriculture science courses including Ag Leadership, Ag Science, or Ag Mechanics courses. Student evaluation will be based on completed projects, classroom labs, written exams, class participation and student Supervised Agricultural Experience.

## Art

## INTRODUCTION TO ART

Grades 9, 10 and 11

## Course: 4ART101

Description: Students will learn basic art techniques in subjects including drawing, painting, sculpture, and ceramics. Students will learn how to express themselves in both realistic and abstract styles in mediums including clay, paper, pencil and paint. As a result, the students will develop an understanding and appreciation of the importance of art. Evaluation will be based upon successful completion of assigned work, effort in class, workmanship, and originality of ideas. Clean-up and care of equipment is required of all students. This course must be taken before any level 1 or 2 class is taken.

## DRAWING AND PAINTING I

Course: 4ART201
Grades 9, 10, 11 and 12
Credit: . 5

## Prerequisite: Introduction to Art (4ART101)

Description: This course is designed to meet the needs of proficient drawing and painting students. Subjects such as still-life, portraiture, architecture drawing, acrylic and watercolor painting will be covered. As a result, the students will develop an understanding and appreciation of the importance of art. Evaluation will be based upon successful completion of assigned work, effort in class, workmanship, and originality of ideas. Clean-up and care of equipment is required of all students.

## SCULPTURE I <br> Course: 4ART301 <br> Grades 9, 10, 11 and 12 <br> Credit: . 5

Prerequisite: Introduction to Art (4ART101)
Description: This course is designed to teach students how to sculpt in various mediums. Students will learn how to create and paint realistic animal sculptures, then transition into the development of problem-solving skills with more difficult mediums including paper and wire. Students will also learn how to tell a story through symbolism within the recycled/found art sculpture unit. Evaluation will be based upon successful completion of required projects, effort, workmanship, and originality. Clean-up and care of equipment is expected of all students.

Grades 9, 10, 11 and 12
Credit: . 5

## Prerequisite: Introduction to Art (4ART101)

Description: This course is designed to meet the needs of proficient ceramics students. The student will design and construct original creations using clay as his/her medium. Various methods of clay construction will be covered including slap building and wheel throwing as well as numerous methods of surface decoration and correct use of glazes and under glazes. As a result, the students will develop an understanding and appreciation of the importance of ceramics. Evaluation will be based upon successful completion of assigned work, effort in class, workmanship, and originality of ideas. Clean up and care of equipment is expected of all students.

# Business, Computers, and Information Technology 

## COMPUTER APPLICATIONS

## Course: 4BUS301

## Grades 9, 10, 11 and 12

Credit: . 5 (Technology)
Description: As a . 5 credit course, Computer Applications is focused on computer literacy, word processing, presentation and spreadsheet applications (Word, Excel, and PowerPoint) for productive and professional use of the application features. A project is completed at the end of each key area to give students the opportunity to apply and practice efficient use of the software. This course can be used to satisfy .5 of the required technology credit needed for graduation.

## English

## ENGLISH 1

## Course: 4ENG104

Grade 9
Credit: 1.0
NCAA Approved
Description: This course helps students develop the following skills: reading various literary genres with comprehension, developing sound critical responses to reading, writing multi-paragraph compositions with attention to Pennsylvania writing standards, collaborating effectively with peers, and giving oral presentations. Emphasis is placed on building skills in research and informational writing, applying elements of literature critically, text-dependent analysis, applying elements of drama, speaking/presenting in multiple formats, and comprehending poetry. Assessments and activities include practice assignments, individual and group projects, classroom discussions, oral presentations, quizzes, tests, and writing assignments involving the complete writing process. This foundational course prepares students for subsequent English courses and the Keystone exams, which are administered at the end of English 2.

## ENGLISH 1 HONORS (WAHGlish)

Grade 9

## NCAA Approved

Description: This interdisciplinary course is an intensive, full-year combined English and WAHG course. This is an accelerated enrichment course that satisfies both the history and English credits for the eligible 9th grade student. The course is open to identified gifted students or students with exceptional abilities in their 8th grade Language Arts and Social Studies classes. Students read novels, plays, poetry, short stories, and narratives that coincide with the historical era, respond critically and analytically to the literature, write in various rhetorical modes, and complete literary thesis essays, and deliver speeches and presentations. Students also produce creative writing pieces and collaborate on small and large group literary activities. Specific English activities include presentations $\boldsymbol{T}_{\boldsymbol{T}}$ student-led discussions of literature, and dramatizing plays. Students enrolled in this program must schedule both course numbers: 4ENG601 and 4SOC103.

Prerequisite: English 1 (4ENG104) or English 1 Honors (4ENG601)
Description: In this course, students work collaboratively and independently as they engage in the cognitive thinking skills associated with Bloom's Taxonomy and Webb's Depth of Knowledge to successfully meet the expectations outlined in both the Common Core and Pennsylvania Standards. Students exceed beyond comprehension and apply higher-level thinking reading, writing, speaking, and listening skills necessary to succeed in both academic and future endeavors. A compilation of formative assessments connected to unit objectives are implemented using a variety of instructional methods to practice unit skills and focuses. Students are evaluated through summative assessments, which take the form of quizzes, unit tests, papers, and speeches. In addition, benchmark assessments and other evidence-based strategies are used as students advance through the course, set goals, and progress towards those goals with teacher guidance and support. Ultimately, students take the Literature Keystone exam upon completion of English 2.

## Family and Consumer Sciences

## DISCOVERING FOODS

Course: 4FCS201
Grades 9, 10, 11 and 12
Credit: . 5
Description: This course recognizes the widespread need for improving the nutritional well-being of young men and women. It has as its focus the relationship of food to health and changing lifestyles, while emphasizing the fundamental areas of nutrition, consumer skills and food preparation. Discovering foods also goes beyond these basics. It broadens students' understanding of the impact food has on their lives, the diet/health link and career options in the food and nutrition fields.

## ASIAN CUISINE AND CULTURE

Course: 4FCS202
Grades 9, 10, 11 and 12
Credit: . 5

## Prerequisite: Discovering Foods (4FCS201)

Description: This is a course about discovering not only the foods of different Asian countries, but also the culture of the countries and areas where these foods are made. Students will study patterns of family meals, current customs, and food habits, cooking techniques and equipment unique to specific Asian countries. You will develop an understanding of flavor profiles from a variety of Asian countries and be exposed to ethnic and cultural diversity in regard to the culinary arts. By examining both the culture and the cuisine of various Asian nations, you will not only learn a little bit about each country but will also make some of the foods that are popular in each area studied.

## EUROPEAN CUISINE AND CULTURE

Grades 9, 10, 11 and 12
Prerequisite: Discovering Foods (4FCS201)
Description: This is a course about discovering not only the foods of European countries, but also the culture of the countries and what foods are popular in each of the countries studied. Any student who has taken French, Spanish or German here knows that there are many foods in these countries that are similar to those eaten in the United States and some that are very different. You will be introduced to classical cooking skills associated with the preparation of these European foods. This class will give the opportunity to see a broader view of the cuisines of these countries, as well as others. We will discuss the culture and food habits of European cuisine and more importantly, make and eat the food.

## Health and Physical Education

## PHYSICAL EDUCATION 1 \& 2

## Course: 4HPE101

## Grades 9 and 10

Description: Physical Education 1\& 2 prepares students for participation in team sports with an emphasis on class participation, team cooperation and sportsmanship. Students should be able to demonstrate individual and game situations skills in activities such as football, tchoukball, volleyball, basketball, softball, disc golf, ultimate Frisbee, team handball, and hockey. Additional activities
include physical challenges and fitness. Evaluation is based on skill demonstration, knowledge of rules, game play, preparation, and class participation.

## HEALTH/WELLNESS

Grades 9, 10, 11, and 12
Description: The health course enables students to understand the importance of physical, mental and social well-being. The various areas of study will help students acquire the knowledge necessary to achieve and maintain good health. The content areas are relevant and important to teenagers today. Study of consumer education, human sexuality, nutrition, body image, eating disorders, alcohol and other drugs, and diseases will help students to make wise decisions in areas concerning their overall wellness.

## LIFETIME FITNESS

Grades 9, 10, 11 and 12
Prerequisite: Physical Education 1 \& 2 (4HPE101)
Description: Lifetime Fitness will introduce students to activities such as fitness walking, lifetime sports, and various styles of aerobics. Also included are classes with free weights, stretch bands, exercise balls, yoga, and Pilates. A wide variety of exercise videos are used. These activities are geared for all levels of fitness with a goal to achieve good individual lifetime exercise habits. Evaluation is based upon preparation, class participation, goal setting, and a fitness journal. This course can fulfill the PE requirement each year.

## POWER WEIGHT TRAINING

Course: 4HPE401
Grades 9, 10, 11 and 12
Prerequisite: Physical Education 1 \& 2 (4HPE101)
Description: Power weight training is for students who want to increase physical strength and quickness through a weight training program. Students will be required to work on a core program consisting of bench press, incline bench press, parallel squat, box squat, power clean, hang clean, dead lift, straight leg dead lift, leg curls and leg extensions. All core lifts will be done with free weights. Students may supplement, but not substitute for any part of the core program. Instruction will include proper lifting technique, spotting, weight room safety, core strengthening warm-up, and flexibility. Students will be graded on proper lifting technique, spotting and safety, individual progress, class attendance, work habits and proper record keeping.

## Mathematics

ALGEBRA 1 A/B
Course: 4MAT202
Grade 9
Prerequisite: Placement by recommendation
NOTE: Students with less than a $70 \%$ final average in $8^{\text {th }}$ grade math (Algebra A) may be recommended for Algebra 1 A/B based on team analysis of student data.
Description: Algebra $1 \mathrm{~A} / \mathrm{B}$ is a year-long course aligned to the Algebra 1 Keystone Exam eligible content and is designed for those students who would benefit from material being introduced and covered at a slower pace, allowing more time for comprehension and in-class work. Students taking this course will take the state required Algebra 1 Keystone Exam.

## ALGEBRA 1

Course: 4MAT201
Grades 9 and 10
Prerequisite: Algebra A ( $8^{\text {th }}$ grade)
NCAA Approved
Description: Algebra 1 is a semester-long course aligned to the Algebra 1 Keystone Exam eligible content and is designed for students who have successfully completed the Algebra-A course in $8^{\text {th }}$ grade. Students taking this course will be required to take the state required Keystone Exam.

## Prerequisite: Algebra 1 (4MAT201) and Teacher Recommendation.

Description: Algebra 2 Level 2 is a highly structured mathematics course designed primarily for those students who have achieved a significant level of competency in Algebra from Algebra 1. The course content is aligned to the Keystone Algebra Exam anchors. The course includes all content described in Algebra2 Level 1; however, the content will be taught more in depth and additional topics will be discussed. Student evaluation is based on daily work, quizzes, and chapter tests. Algebra 2 Level 2 is a prerequisite for Trigonometry/Analytic Geometry and Probability/Statistics. A graphing calculator is required for this course.

## ALGEBRA 2 HONORS

## Grade 9

## NCAA Approved

## Prerequisite: Algebra 1 (4MAT201) and Teacher Recommendation

Description: Algebra 2 Honors is designed and paced for the strong, advanced mathematics student. This is the fastest paced Algebra 2 course, aligned to the Keystone Algebra 2 eligible content, intended for the highly motivated and responsible student. Students successfully completing this course are eligible to take Honors Trigonometry. A graphing calculator is required for this course.

## PLANE GEOMETRY LEVEL 2

Grades 9,10 and 11

## NCAA Approved

## Prerequisite: Algebra 2 Level 2 (4MAT302) and Teacher Recommendation

Description: Plane Geometry Level 2 is designed for students who have achieved a significant level of competency in Algebra 2 and intend to pursue post high school education. This is a highly structured mathematics course aligned to the Keystone Geometry eligible content and is assessed at a rigorous level to prepare students for higher level mathematics courses. A scientific calculator is required for this course.

## Music

## MUSIC THEORY 1 <br> Course: 4MUS101 <br> Grades 9, 10, 11 and 12 <br> Credit: . 5

Prerequisite: Must have completed at least 1 semester of Symphonic Band, Mixed Chorus or Honors Choir.
Description: This course deals with the inner construction of music. Class work includes an intensive study of intervals, scales, triads, chords, and harmonic analysis. Music Theory is valuable to the student with an interest in any style of music from Rock and Roll to Classical. It will greatly benefit a student who enjoys writing songs or instrumental compositions. Music theory also strengthens the individual student's musicianship skills through ear training exercises and score/chart analysis. This class will enable each student to read, understand, and perform music at a much faster and efficient rate.

## PIANO CLASS 1

Grades 9, 10, 11 and 12
Course: 4MUS201

Description: This course is designed to meet the needs of the beginning piano student. It will equip the students with the ability to read musical notation, simple chords, and develop the facility to play with two hands. The student will be required to demonstrate techniques and music prepared in class. Students will also be required to demonstrate knowledge in past and current pianists learned in the class. With the instructor's approval, the student may also choose a selection of music for class study. Evaluation will include performing for the teacher on a regular basis and demonstrating knowledge of basic music theory concepts relating to beginning piano.

## Grades 9, 10, 11 and 12

## Prerequisite: Piano Class 1 (4MUS201) or prior approval by instructor

Description: These courses are designed to meet the needs of the intermediate to advanced piano students. The students will study intermediate to advanced musical notation, chords, and techniques. Piano literature will include a variety of musical styles to be chosen by the instructor and/or student. Students will be required to demonstrate techniques, scales, and music prepared in class. Evaluation will be given on regular performances for the teacher and the class, and on knowledge of music theory concepts appropriate to the prepared music.

## GUITAR CLASS

Grades 9, 10, 11, and 12
Description: Students will learn the skills required to play guitar as well as be able to independently make music outside of the school setting. This course will cover basic technique, care and handling, equipment, as well as training in reading the various forms of written music that guitarists use most frequently (notation, chord charts, tablature). We will perform with and without a pick, play single line music and chords, and discuss historically important guitarists and their impact on popular music making.

## BAND

Grades 9, 10, 11 and 12
Prerequisite: Ability to perform music on a band instrument or permission from director

Course: 4MUS301
Credit: 1.0

Description: Band meets every other day for the entire school year. Students enrolled in grades 9-12 who have a desire to perform instrumental music may join. All types and styles of music will be performed. During the yearly sequence of study, the student will develop sound musicianship through daily experiences encompassing competency in good quality of tone, execution of correct notes and articulations, adherence to expression, and understanding/appreciation of style and form. The band performs at concerts, public events, and commencement. From the membership, smaller ensembles may be organized to further develop the musical experiences of the participating students. Evaluation will be based on attendance, growth in skill mastery, musical aptitude. These are judged on required performances and assignments.

## MIXED CHORUS

Grades 9, 10, 11 and 12

Course: 4MUS401 (Semester 1) Course: 4MUS402 (Semester 2) Credit: . 5 per semester

Description: Chorus is available to all students and meets every other day for the entire school year. However, if a student has a scheduling issue, he or she may schedule chorus for only one semester. Please be advised that the music department strongly encourages chorus to be taken for a full year for the student to achieve musical skills, competency, and concepts, as well as for continuity and voice balances for the ensemble. For a full year of Chorus, you must schedule both 4MUS401 and 402. Students with no singing experience up to an advanced level can expect to significantly improve their singing voice and musicianship. Chorus offers many styles of music from the classics and Broadway, to jazz, folk, and pop/rock. Chorus incorporates the study of foreign languages, interpretation of musical terminology and notation, sound production, and performance techniques focused on communication with the audience. Chorus is a performance-based art and is therefore graded by evaluation of each student's participation in class, rehearsals, and concerts, as well as the level of dedication to the group's goals. Except for two to three concerts and rehearsals, all required work is accomplished during the school day.
MUSICAL THEATRE 1
Grades 9, 10, 11 and 12
Description: Explore the development of the American musical from its earliest roots in Greece, through minstrel shows, Vaudeville,
revues, comic opera, and the emergence of the mature musical. Learn about the famous stars, shows and legends who helped build
the foundation of our American musical stage. Discover how the political, economic, and social aspects of American history and
culture directly affected the evolution of this art form. Take a firsthand look at influential and entertaining shows, as well as try your
hand at creating a script, and learning about Theatre careers. Evaluation will include the student's participation in group projects, as
well as identifying styles, songs, shows, composers, and historical facts regarding the development of the American Musical.

Description: This course is open to any student who has an interest in studying the historical and technical aspects of American popular music. Various musical styles such as Rock and Roll, Country Western, Funk, Hip Hop, Soul, Folk, and Metal will be analyzed with specific focus on composers, performers, groups, instruments, and literature. The relationship from one musical era to the next and the evolution of the American popular trends will be surveyed. Students will experience the music through listening and research. Students will understand how music reflects historical events and cultural/economic development. Evaluation will be based on research, class participation, and the ability to identify and analyze stylistic characteristics of various works.

## Science

## INTEGRATED SCIENCE

## Course: 4SCI105

## Grade 9

Credit: 1.0

## NCAA Approved

Description: Integrated Science is an introductory course that examines the key concepts of ecology, scientific investigation, physical science, and levels of biochemical organization. It will reinforce the nature of scientific inquiry and the reasoning required for measurement and data collection.

## INTEGRATED SCIENCE HONORS

## Course: 4SCI106

## Grade 9

Credit: 1.0

## NCAA Approved

## Pre-requisite: Algebra 1

Description: Integrated Science HONORS is an introductory course that examines the key concepts of ecology, scientific investigation, physical science, and levels of biochemical organization. This course is designed for students with strong mathematical, analytical and problem-solving skills. Major emphasis above and beyond the entry level Integrated Science course may include: mathematical and graphical emphasis on data collection; analysis and discussion; derivation of scientific formulas for use in physics; extended content in the topic of work/simple machines; extended content in the topic of biochemistry and acid/base chemistry; opportunities for advanced laboratory technique introduction and experimental design and research.

## Biology

Course: 4SCI300
Grades 9, 10
Credit: 1.0
NCAA Approved
Prerequisite: Integrated Science (4SCI105) or Integrated Science Honors (4MAT106)
Description: This course will provide information to cover the state standards. The aims of this course are to introduce the student to the living world, and to develop appreciation for biological information and method of investigation. As a result of this course, the student should be able to function as an informed citizen concerning the future issues in ecology; apply the scientific method of problem solving; understand and predict the outcome of basic genetic problems; understand the basic functions of life; state and define the cell theory; identify and classify organisms; and use the microscope and other basic tools of biological study. Methods of student assessment include; tests, quizzes, laboratory work, worksheets, projects, homework, and other graded work or activities. At the end of this course, all students will be required to take the Keystone Exam which is required by the state. Students who do not score at the Advanced or Proficient level on the exam will be required to attend supplemental instruction sessions in Biology prior to taking the Keystone Exam again.

## BIOLOGY HONORS

Grades 9, 10

## NCAA Approved

Prerequisite: Integrated Science (4SCI105) or Integrated Science Honors (4MAT106)
Description: Biology Honors includes information above and beyond the state standards. This is a rigorous and fast-paced biology course designed for students with advanced analytical and problem-solving skills. The student, upon completion of the course, should be able to demonstrate a basic familiarity with some simple laboratory techniques and with the key principles of modern biology. Major emphasis is placed upon cellular and molecular biology in keeping with current discoveries and advancements in the biological sciences. Other areas studied include microbiology, genetics, evolution, modern taxonomy, and ecology. The student will
realize the immense complexity of life, recognize the social impact inherent in new discoveries and technological applications, and will be equipped to make decisions concerning new knowledge. Student assessment will include tests, quizzes, laboratory work, projects, presentations, and written and oral reports. At the end of this course all students will be required to take the Keystone Exam which is required by the state. Students who do not score at the Advanced or Proficient level on the exam will be required to attend supplemental instruction sessions in Biology prior to taking the Keystone Exam again.

## Social Studies


#### Abstract

WORLD \& AMERICAN HISTORY \& GEOGRAPHY (WAHG) 1 Course: 4SOC101 Grades 9, 10, 11 and 12 Credit: 1.0 NCAA Approved Description: Students taking this course will study and evaluate historical events in World and American History from the French Revolution to 1913 with an emphasis on the World and American History Standards using approaches and methods found in the Social Sciences. The interrelationship between History and Geography will be accentuated. Upon completion of this course, students will be able to analyze and evaluate significant historical events and processes using critical thinking skills.


## WAHG 1 HONORS (WAHGlish)

Course: 4SOC103
Grade 9
Credit: 1.0

## NCAA Approved

Description: This interdisciplinary course is an intensive, full year combined WAHG/English course. This is an accelerated enrichment course that satisfies both the history and English credit for the eligible ninth grade student. The course is open to identified gifted students or students with exceptional abilities in their eighth grade Language Arts and Social Studies classes. This course is a study of history from the French Revolution to 1913 with an emphasis on the World and American History Standards and enrichment activities. Students read novels, short stories, poems, narratives, and dramas that coincide with the historical era, respond critically and analytically to the literature, write in various rhetorical modes, produce creative writing pieces, collaborate on large and small group projects, engage in classroom discussions, deliver oral presentations, and debate in teams. Students enrolled in this program must schedule both course numbers: 4ENG601 and 4SOC103.

WORLD \& AMERICAN HISTORY \& GEOGRAPHY (WAHG) 2
Course: 4SOC201
Grades 9, 10, 11 and 12
Credit: 1.0

## NCAA Approved

Prerequisite: WAHG 1 (4SOC101) or WAHG 1 Honors (4SOC103)
Description: Students taking this course will study and evaluate historical events in World and American History from 1914 to the present using approaches and methods found in the Social Sciences. The interrelationship between History and Geography will be accentuated. Upon completion of this course, students will be able to analyze and evaluate significant historical events and processes using critical thinking skills.

## Technology Education

## TECHNICAL DRAWING 1-SOLIDWORKS

## Course: 4TEC101

Grades 9, 10, 11 and 12
Credit: . 5 (Technology)

## Prerequisite Recommendation: Algebra

Description: This course introduces students to the world of 3D part modeling in Solidworks. This course is designed to increase critical thinking, technical creativity, boost interest in math and manufacturing courses, and broaden career options. Students will learn and apply tools, techniques, their understanding of reading a drawing, and mathematics to 3D model various parts and assemblies. Students will have the opportunity to experience the manufacturing design preparation in the form of a project. Areas of study will include: 2D sketching tools, 3D solid modeling tools, orthographic projection, and animated assemblies. Evaluation is based on class assignments, quizzes, tests, and a culminating project. Student evaluation is based on class assignments, tests, and projects. It is highly recommended that all students taking the course have passed or are simultaneously enrolled in Algebra 1.

## MANUFACTURING TECHNOLOGY 1

## Course: 4TEC201

## Grades 9, 10, 11 and 12

Credit: . 5
Description: This course introduces students in the world of woodworking. The student will learn how rough lumber is processed into a finished product by cutting, shaping, sanding, assembling, and finishing the wood. Students will learn safety techniques, proper use of hand tools and machining, how to read a set of plans, and retooling a machine to create the desired cut. Each student will manufacture and finish products using a combination of wood species. The students will also be able to customize their products with computer design software and outputting to a laser engraver machine. Student evaluation is based on class participation and product completion / quality. PLEASE NOTE: If students wish to keep the items that they make in the class there is a materials fee of $\mathbf{\$ 4 5 . 0 0}$. Material / supply costs are subject to change based on market cost of materials. If the student, and/or parent/guardian chooses not to pay the fee, the students will still make all items, but they will not be able to keep any of the items.

## MANUFACTURING TECHNOLOGY 2

Grades 9, 10, 11 and 12
Prerequisite: Manufacturing Technology 1(4TEC201)
Description: This course is designed to further student's knowledge of woodworking. The students will review safety techniques, machining, assembly, and finishing skills. Each student will manufacture and finish products using a combination of wood species. The course will also provide an insight into using a C.N.C. milling machine to better manufacture a product. Student evaluation is based on class participation and product completion / craftsmanship. PLEASE NOTE: If students wish to keep the items that they make in the class there is a materials fee of $\mathbf{\$ 6 0 . 0 0}$. Material / supply costs are subject to change based on market cost of materials. If the student, and/or parent/guardian chooses not to pay the fee, the students will still make all items, but they will not be able to keep any of the items.

## DIGITAL PHOTOGRAPHY \& ADOBE PHOTOSHOP <br> Grades 9, 10, 11 and 12

Course: 4TEC501
Credit: . 5 (Technology)
Description: This course covers a wide variety of digital editing and graphic design techniques. Students will learn how to use Photoshop to create a variety of meaningful digital works of art. Students will also have an opportunity to learn how to effectively use the most essential settings of a digital camera, as well as the sports and macro settings. This is a wonderful opportunity for students to learn how to solve problems and create meaning, expression, and symbolism within their work.

## VISUAL DESIGN - ADOBE ILLUSTRATOR

Grades 9, 10, 11 and 12

## Course: 4TEC502

Description: This course is designed to explore the versatility of vector graphics within Adobe Illustrator. Students will learn and apply the program's tools and the Principles and Elements of Design when making aesthetically appealing designs. Designs will also be output to different machines such as, a laser engraver, dye sublimation printer, vinyl cutter, etc. to make physical products. Students will have the opportunity to learn how to work with a "client" in our school or local community to create a personalized logo. Throughout the class, students will continually make a portfolio that can be later used for students seeking a career path in marketing or advertisement. Student evaluation is based on class assignments and projects.

## World Languages

Intro to World Languages

Course 4LAN100
Grades 9, 10, 11 and 12

Description: This exploratory course will introduce students to various aspects of world languages and cultures. This course will emphasize unique characteristics of the culture and languages of French, German and Spanish speaking countries.

## SPANISH 1

## Course: 4LAN101

Grades 9, 10, 11 and 12
Credit: 1.0
NCAA Approved
Description: Level 1 World Language students of Spanish begin to develop and practice basic communication skills in the areas of listening/reading/speaking and writing. They initiate exchanges of information and share simple opinions with others, within a framework of familiar, practiced situations. Learners demonstrate very basic skills in comprehending, interpreting and presenting information. They perform uncomplicated communicative tasks involving simple vocabulary of self, daily routines and survival. Learners collaborate, solve problems and connect with the arts and other disciplines through their language study. Students research and grow in awareness of cultural practices in Spanish-speaking countries. There are varied assessments including some portfolio and Internet involvement. By the end of the course, students should reach the Novice High level of the ACTFL proficiency guidelines.

## SPANISH 2

Grades 9, 10, 11 and 12

## NCAA Approved

## Prerequisite: Spanish 1 (4LAN101) - A minimum of a C average achieved in Spanish 1 is recommended.

Description: Level 2 World Language students of Spanish build on Level 1 skills of listening/reading/speaking and writing. Students are able to react appropriately in familiar social situations and create simple questions. They demonstrate emerging skills in comprehending, interpreting and presenting information. They engage in uncomplicated communicative tasks involving autobiographical, daily routine and survival needs and future plans. Learners collaborate, solve problems and demonstrate cultural connections with the arts and other disciplines through projects and research. They continue to grow in their awareness of Hispanic cultural practices and begin to expand communication skills to include past and future events in addition to activities in the present. There are varied assessments including portfolio and Internet involvement. ACTFL Novice High proficiency level moves toward Intermediate Low by the end of the course.

## FRENCH 1

Course: 4LAN201
Grades 9, 10, 11 and 12
NCAA Approved
Description: Level 1 World Language students of French initiate skills of listening/reading/speaking and writing. They begin to exchange information and share opinions. Learners demonstrate very basic skills in comprehending, interpreting and presenting information. They perform uncomplicated communicative tasks involving simple vocabulary of self, daily routines and survival. Learners collaborate, solve problems and connect with the arts and other disciplines. Students research and grow in cultural awareness. There are varied assessments including a portfolio component. By the end of the course, students should reach the Novice High Level of the ACTFL proficiency guidelines.

## FRENCH 2

Grades 9, 10, 11 and 12

## NCAA Approved

## Prerequisite: French 1 (4LAN201) - A minimum of a C average achieved in French 1 is recommended.

Description: Level II World Language students of French build on Level I skills of listening/reading/speaking and writing. Students are able to react appropriately in social situations and create simple questions. They demonstrate emerging skills in comprehending, interpreting and presenting information. They engage in uncomplicated communicative tasks involving autobiographical, daily routine and survival needs. Learners collaborate, solve problems, and make cultural connections with the arts and other disciplines through projects and research. In addition to growth in cultural awareness, there are varied assessments including a portfolio component. ACTFL Novice high proficiency moves toward Intermediate low by the end of the course.

## GERMAN 1

Grades 9, 10, 11 and 12

Course: 4LAN202
Credit: 1.0

Course: 4LAN301
Credit: 1.0

## NCAA Approved

Description: Level 1 World Language students of German begin to develop and practice basic communication skills in the areas of listening/reading/speaking and writing. They initiate exchanges of information and share simple opinions with others, within a framework of familiar, practiced situations. Learners demonstrate very basic skills in comprehending, interpreting and presenting information. They perform uncomplicated communicative tasks involving simple vocabulary of self, daily routines and survival. Learners collaborate, solve problems and connect with the arts and other disciplines through their language study. Students research and grow in awareness of cultural practices in German-speaking countries. There are varied assessments including some portfolio and Internet involvement. By the end of the course, students should reach the Novice High level of the ACTFL proficiency guidelines.

## GERMAN 2

Grades 9, 10, 11 and 12

## Course: 4LAN302

## NCAA Approved

## Credit: 1.0

## Prerequisite: German 1 (4LAN301) - A minimum of a C average achieved in German 1 is recommended.

Description: Level 2 World Language students of German build on Level 1 skills of listening/reading/speaking and writing. Students are able to react appropriately in familiar social situations and create simple questions. They demonstrate emerging skills in comprehending, interpreting and presenting information. They engage in uncomplicated communicative tasks involving autobiographical, daily routine and survival needs and future plans. Learners collaborate, solve problems and demonstrate cultural connections with the arts and other disciplines through projects and research. They continue to grow in their awareness of German cultural practices and begin to expand communication skills to include past and future events in addition to activities in the present. There are varied assessments including portfolio and Internet involvement. ACTFL Novice High proficiency level moves toward Intermediate Low by the end of the course.

## Academic Services

| Independent Study | Course: 4IND100 |
| :--- | :--- |
| Grades 11 and 12 | Credit: . 5 |

Prerequisite: Administrative and School Board Approval (At least 30 days prior to start)
Description: Students may sign up for this course to prepare an Independent Study of interest to them. The purpose of the class will be to help prepare a plan of study to present for approval. Once approved, the student will use the class time to work on the Independent Study.

## Resources

## SUN Area Technical Institute

The programs are organized into six clusters and more information about each cluster or specific program can be found at http://www.sun-tech.org/programs/. Additionally, interested juniors can learn more about the Technical Institute from their Guidance Counselor. The Counselors also arrange information sessions and visits to the Technical Institute during the junior year. ALL PROGRAMS ARE 1 YEAR for 6 CREDITS

## Building Trades Cluster

Carpentry
Electrical Systems Technology
Masonry
HVAC \& Plumbing Technology

Manufacturing Cluster
Wood Design \& Technology
Advanced Precision Machining
Welding

Communications Cluster
Advertising Art \& Design

Health \& Services Cluster
Cosmetology
Dental Health Technology
Culinary Arts
Health Professions \& Related Sciences
Criminal Justice

Transportation Cluster
Auto Technology
Collision Repair Technology
Diesel \& Truck Technology

## Technical Cluster

Electronics Technology
Computer \& Networking Technology

Juniors who are planning to go to the Technical Institute their senior year should schedule Career Prep and Personal Finance as an elective during the junior year.

Additionally, there are some programs that meet other Selinsgrove Area School District requirements. These programs and the requirements they fulfill are:

| SUN program | SUBJECT | CREDIT |
| :--- | :--- | :--- |
| Advanced Precision Machining | Mathematics | 1.0 |
| Advertising Art \& Design | Technology requirement | 0.5 |
| Computer \& Networking Technology | Technology requirement | 1.0 |
| Electrical Systems Technology | Science | 1.0 |
| Health Professions \& Related Services | Health | 0.5 |

For additional information on SUN Technical Institute Courses please do one of the following:

- Stop at the Guidance Office and pick up a SUN Technical Institute Course Booklet
- Look at the SUN Technical Institute Course Booklet on the Selinsgrove Area High School Website: http://www.sealpa.org/hs/Shared\ Documents/Forms/Allitems.aspx
- For even more information on SUN Technical Institute, check out their website at: http://www.sun-tech.org/


## NCAA Information

## IF YOU ARE AN ATHLETE HOPING TO PLAY A SPORT IN COLLEGE IT IS IMPERATIVE THAT YOU BE AWARE OF THIS INFORMATION AND SHARE IT WITH YOUR PARENTS.

The NCAA Eligibility Center certifies the academic and amateur credentials of all students who want to play sports at an NCAA Division I or II institution as a freshman. To practice, play and receive an athletic scholarship, students need to meet certain academic benchmarks. An additional certification process exists to make sure the student is still an amateur, which is necessary for the student to compete.

College-bound student-athletes need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II.
- Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes, the following must be completed in addition to the above standards:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (for example, an SAT score of 820 requires a 2.5 high school core course GPA)
- Successfully complete 10 of the 16 total required core courses before the start of their seventh semester in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Students who earn at least a 2.0 GPA and meet the current sliding-scale standard will be eligible for practice in the first term and athletically related financial aid the entire year, but not competition. Freshmen who are academically successful in the first term will earn the ability to continue to practice for the remainder of the year.

Division III colleges and universities set their own admission standards. The NCAA does not set initial-eligibility requirements in Division III.

Please be aware that the courses identified in this booklet are approved courses as of August 1,2018. The best place to see the most current listing of courses is at the NCAA website: https://web1.ncaa.org/hsportal/exec/hsAction .

