

# TEA AREA HIGH SCHOOL

REGISTRATION BOOKLET

2019-2020



TEA AREA HIGH SCHOOL  
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## *Welcome to Tea Area School District*

The ultimate purpose of education is to help each student become an effective citizen in a democracy. Developing and accepting the responsibilities and obligations of good citizenship will help students to participate successfully in the world of tomorrow. We hope that you will participate in our varied activities and find those within our school that will prepare you to live a good life and finally take your place in this complex society. Remember that your success in this school will be directly proportional to your efforts.

### **TASD Mission Statement**

*To educate and empower each student for success in a global society.*

# General Information

## Credit/Unit

A standard semester course is .5 credit. A full year would be 1 credit. Some semester courses are worth 1 credit. Please check course description.

## Prerequisite

A prerequisite is a required course before a student can take other classes.

## Drop and Adds

Students wishing to drop or add a class must use the [Drop/Add Form](#). The student will be notified via email or in person if their request was granted. Students will be allowed to drop or add a class through the fourth school day of the semester. Any class dropped after the fourth day and before the end of the 1st/3rd quarter will be recorded on the report card and the transcript as a withdrawal grade (W). Any class dropped during 2nd/4th quarter will be recorded on the report card and transcript as a failing grade (F). Students withdrawing from a course will have 'in progress' grade used at the next eligibility period. Students removed from classes for disciplinary reasons will receive a withdrawal grade (W). The administration, school counselor, parent(s)/guardian(s), teacher and student must mutually agree upon any exceptions to this policy.

## Independent Study

From time to time, we have students who are interested in taking courses from staff members independently. The main reason for enrolling in these courses independently is scheduling conflicts. Therefore, the following criteria have been established for students desiring to take courses by independent study.

1. Permission to enroll must be granted by the instructor and the administration.
2. Students must be enrolled in the junior or senior class.
3. First year instructors will not be permitted to offer independent courses.
4. A course of study must be approved by the administration.
5. A "B" average in the field of study is recommended.
6. The student must be enrolled in another course or activity during the time the course is being offered.
7. Special circumstances may alter this policy with administrative approval.

## Tea Area High School Graduation Requirements

### **Class of 2020**

Twenty-four (24) units\* of credit are required for graduation. A student's Personal Learning Plan (PLP) must document a minimum of 24 credits that include the following:

1. Four (4) units of Language Arts – must include:
  - a. Writing – 1.5 units
  - b. Literature – 1.5 units  
(must include .5 unit of American Literature)

- c. Speech or Debate – .5 unit
- d. Language Arts elective – .5 unit
- 2. Three (3) units of Mathematics – must include:
  - a. Algebra I – 1 unit
  - b. \*Geometry – 1 unit
  - c. \*Algebra II – 1 unit
- 3. Three (3) units of Lab Science – must include:
  - a. Biology – 1 unit
  - b. Any Physical Science – 1 unit
  - c. \*Chemistry or Physics – 1 unit
- 4. Three (3) units of Social Studies – must include:
  - a. U.S. History – 1 unit
  - b. U.S. Government – .5 unit
  - c. World History – .5 unit
  - d. Geography – .5 unit
  - e. Social Studies elective – .5 unit
- 5. One (1) unit of the following - any combination:
  - a. Approved Career & Technical Education (CTE)
  - b. World Language
- 6. One (1) unit of Fine Arts
- 7. One-half (.5) unit of Personal Finance or Economics
- 8. One-half (.5) unit of Physical Education
- 9. One-half (.5) unit of Health
- 10. One-half (.5) unit of Computer Studies
- 11. One (1) unit of Senior Experience or Youth Internship (Capstone)

\*With school and parent/guardian approval, a student may be excused from this course in favor of a more appropriate course. A student may be excused from Algebra II or Geometry, but not both. A student is still required to take three units of Math. If a student is excused from Chemistry or Physics, the student must still take three units of Lab Science.

## **Suggested Graduation Track**

### **Class of 2020**

All students should enroll in the following:

*Grade 9:* English 1, Physical Science or Biology, Algebra I or Geometry, World History and Geography, and Physical Education.

*Grade 10:* Speech, Composition, Chemistry, Geometry or Algebra II, and American History

*Grade 11:* American Literature and Advanced Composition, Algebra II or Pre-Calculus, Physics, Social Studies elective

*Grade 12:* British Literature and Senior or College Writing, Personal Finance/Economics, Upper Level Math, Government, Senior Experience or Internship

The purpose of a high school education is to aid a student in developing his/her interests, abilities, skills, personality, habits, attitudes, thought processes, health, and knowledge of our democratic form of

government and its operation. Such an education will allow the student to take his/her place in any community as a happy, well adjusted, and useful citizen. **Students are expected to be enrolled in six (6) courses a semester. Seniors must enroll in at least four (4) courses, not including Senior Experience.** Special circumstances with administrative approval may alter this procedure.

## TAHS Graduation Requirements

### Class of 2021 and all subsequent grades

#### Summary:

South Dakota's new requirements for graduation were passed by the Board of Education Standards on July 16, 2018. Those requirements are outlined in South Dakota Administrative Rule 24:43:11. The requirements include a base of required coursework and the ability for students to earn endorsements on top of that base. The requirements are designed to provide flexibility for students to meet their postsecondary and career aspirations within a framework of general requirements.

The below outline is the new Tea Area High School Graduation Requirements. The school board adopted these requirements for the 2019-2020 school year with full implementation for the Class of 2021 (current 10th graders) and 2022 (current 9th graders) and all subsequent classes. The Class of 2019 and 2020 and will follow the old Graduation Requirements\*.

Content Area	General Diploma	Advanced Endorsement	Advanced Career Endorsement	Advanced Honors Endorsement No grade lower than a C can be transcribed
ELA	Writing (1 unit) Speech (.5 unit) Lit (1 unit including .5 unit Am. Lit) ELA Elective (1.5 unit)  <b>Total Credits Needed = 4</b>	Writing (1 unit) Speech (.5 unit) Lit (1 unit including .5 unit Am. Lit) ELA Elective (1.5 unit)  <b>Total Credits Needed = 4</b>	Writing (1 unit) Speech (.5 unit) Lit (1 unit including .5 unit Am. Lit) ELA Elective (1.5 unit)  <b>Total Credits Needed = 4</b>	Writing (1.5 unit) Speech (.5 unit) Lit (1.5 unit including .5 Am. Lit) ELA Elective (.5 unit)  <b>Total Credits Needed = 4</b>
Math	Algebra I (1 unit) Math Electives (2 units)  <b>Total Credits Needed = 3</b>	Algebra I (1 unit) Geometry (1 unit) Algebra II (1 unit)  <b>Total Credits Needed = 3</b>	Algebra I (1 unit) Math Electives (2 units)  <b>Total Credits Needed = 3</b>	Algebra I (1 unit) Geometry (1 unit) Algebra II (1 unit) Advanced Math Course (1 unit)  <b>Total Credits Needed = 4</b>
Science	Biology (1 unit) ^Science Elective (2 units)  <b>Total Credits Needed = 3</b>	Biology (1 unit) Lab Sciences Electives (2 units)  <b>Total Credits Needed = 3</b>	Biology (1 unit) ^Science Elective (2 units)  <b>Total Credits Needed = 3</b>	Biology (1 unit) Any Physical Science (1 unit) Chemistry or Physics (1 unit) Science Elective (1 unit)  <b>Total Credits Needed = 4</b>

Social Science	US History (1 unit) Government (.5 unit) Social Science Elective (1.5 units)  <b>Total Credits Needed = 3</b>	US History (1 unit) Government (.5 unit) Geography (.5 unit) World History (.5 unit) Social Studies Elective (.5 unit)  <b>Total Credits Needed = 3</b>	US History (1 unit) Government (.5 unit) Geography (.5 unit) World History (.5 unit) Social Studies Elective (.5 unit)  <b>Total Credits Needed = 3</b>	US History (1 unit) Government (.5 unit) Geography (.5 unit) World History (.5 unit) Social Studies Elective (.5 unit)  <b>Total Credits Needed = 3</b>
CTE World Language	1 CTE unit or World Language unit or Capstone unit  <b>Total Credits Needed = 1</b>	1 Unit CTE or World Language  <b>Total Credits Needed = 1</b>	2 Units of CTE in the Same Cluster AND Industry-Recognized Credential or NCRC Silver or Higher  <b>Total Credits Needed = 2</b>	2 Units of the follow or combination of the 2: Approved CTE Courses or Modern Language or Classical Language (ASL)  <b>Total Credits Needed = 2</b>
Health/PE	Health / PE <b>Total Credits Needed = 1</b>	Health / PE <b>Total Credits Needed = 1</b>	Health / PE <b>Total Credits Needed = 1</b>	Health / PE <b>Total Credits Needed = 1</b>
Fine Arts	Fine Art Elective (1 unit)  <b>Total Credits Needed = 1</b>	Fine Art Elective (1 unit)  <b>Total Credits Needed = 1</b>	Fine Art Elective (1 unit)  <b>Total Credits Needed = 1</b>	Fine Art Elective (1 unit)  <b>Total Credits Needed = 1</b>
Personal Finance or Economics	<b>Total Credits Needed = .5</b>	<b>Total Credits Needed = .5</b>	<b>Total Credits Needed = .5</b>	<b>Total Credits Needed = .5</b>
Electives	Additional Elective Courses  <b>Total Credits Needed = 5.5</b>	Additional Elective Courses  <b>Total Credits Needed = 6.5</b>	Additional Elective Courses  <b>Total Credits Needed = 5.5</b>	Additional Elective Courses  <b>Total Credits Needed = 3.5</b>
Capstone	<b>None Required</b>	<b>1 unit required</b>	<b>1 unit required</b>	<b>1 unit required</b>
<b>Total Credits</b>	<b>22 Total Credits</b>	<b>24 Total Credits</b>	<b>24 Total Credits</b>	<b>24 Total Credits</b>
<i>Additional Information</i>				
Objective(s):	Workforce	2 or 4 year postsecondary Military	2 or 4 year postsecondary Military	4 year+ postsecondary Military
Suggested Assessments	NCRC	ACT ASVAB	NCRC and/or ACT ASVAB	ACT and/or SAT ASVAB
Scholarships			<a href="#">Build Dakota Scholarship</a>	<a href="#">SD Opportunity Scholarship</a>

^For the General Diploma and Advanced Career Endorsement, a state approved advanced computer science course may be substituted for 1 unit of science (not including biology). These courses include PLTW Computer Science Principles, PLTW Cybersecurity, Programming I and II.

**Notes:** The suggested math pathway to prepare for the ACT test is at minimum, the math courses found in Advanced and Advanced Honors Endorsements. Psychology is the suggested Social Studies Elective for the

Advanced Honors Endorsement.

## **TAHS Honors Program**

### **Description:**

Tea Area High School honors courses challenge students academically at a more rigorous, in-depth, and faster pace. The goal within an honors course is to help students develop more effective written and oral communication skills as well as become more independent thinkers. Also, within an honors course students will develop their ability to analyze and synthesize a range of material and formulate critical thinking skills. Honors courses are designed to help better prepare our students for success in a college setting. Students are challenged to acquire the skills, knowledge, and study habits necessary for success at the college level. Within an honors course setting students cooperate with an academic peer group with focused goals, in an intellectually rich community.

### **Grading Scale/GPA:**

The TAHS Honors Program will utilize the Advanced Placement (AP)/college level grading scale: 100-95 A, 94-90 A-, 89-87 B+, 86-83 B, 82-80 B-, 79-77 C+, 76-73 C, 72-70 C-, 69-67 D+, 66-63 D, 62-60 D- as found on pages 17-18 of the Tea Area High School Handbook.

The TAHS Honors Program will utilize the High School Level 4.0 Grade Point Average Determination scale found on page 6 of this document. Honors courses will be weighted the same as all other non-college level courses.

### **Admissions:**

All Honors courses require a summer activity (due August 1st) with the possibility of additional academic obligations. Teacher recommendations, based on various performance indices including grades, as well as Measure of Academic Progress (MAP) assessments will be utilized to determine placement in Honors courses. Administration has final approval on all scheduling.

### **Suggested Honors Graduation Track**

*Grade 9:* Honors English I Literature and Composition, Honors Biology, Accelerated Geometry, Honors World History and Geography, PLTW Computer Science Principals

*Grade 10:* Honors Composition II and Speech, Honors Chemistry, Accelerated Algebra 2 and AP U.S. History\*, PLTW Cybersecurity, PLTW Introduction to Engineering

*Grade 11:* Honors English III American Literature and Composition, Pre-Calculus, Honors Physics, AP Psychology\*

*Grade 12:* College English\*, AP Calculus\*, Biomedical Sciences, Personal Finance/Economics, Government, Senior Experience or Internship

\* Reflects the AP / College / Dual Credit Scale

### **Grade Point Average (GPA)**

The following scale will be used in determining grade point averages. Advanced Placement (AP)/Dual Credit classes are weighted higher due to increased rigor. Class rank is determined by using cumulative grade point average of all classes beginning with 9th grade. Pass/Fail courses shall not be used in the calculation of Grade Point Averages. Courses retaken will be included in the Grade Point Average.



<u>AP/College/Dual Credit Classes *</u>			<u>All Other High School Classes</u>		
A	=	4.200	A	=	4.000
A-	=	3.867	A-	=	3.667
B+	=	3.533	B+	=	3.333
B	=	3.200	B	=	3.000
B-	=	2.867	B-	=	2.667
C+	=	2.533	C+	=	2.333
C	=	2.200	C	=	2.000
C-	=	1.867	C-	=	1.667
D+	=	1.533	D+	=	1.333
D	=	1.200	D	=	1.000
D-	=	.867	D-	=	.667

Other grades which may be received:

F	=	Fail
P	=	Pass
I	=	Incomplete
W	=	Withdrawal

### **Repeating Courses**

Students will only be allowed to take a course/semester twice in an effort to earn credit unless enrolling in the course through Connections Academy.

### **Post-Secondary Education**

In general, students planning to further their education beyond high school will be required to complete the following college preparatory curriculum. Students who have not met the course requirements in a discipline may demonstrate appropriate competencies through scores on national tests.

English	4 units
Math (Algebra I and higher)	3 units
Science (laboratory courses)	3 units
Social Studies	3 units
Fine Art	1 unit

Entering undergraduates will also be required to have ONE (1) of the following: a minimum of a 2.6 high school GPA; a graduating class rank in the top 50- 60%; an ACT composite score of 18-20, depending on the school. Some out-of-state schools require two (2) consecutive units of foreign language. Check with the college/university/tech school you plan to apply to for specific admission requirements.

### **Regents Scholar Diplomas**

The Division of Education and the Board of Regents annually recognize seniors committed to academic excellence by issuing Regents Scholar Diplomas. Recipients of Regents Scholar Diplomas are accepted for automatic entrance to any of the public institutions of higher education in South Dakota. Tea Area

seniors who have earned this diploma are awarded with them at the K-12 graduation ceremony and recognized in the graduation program.

To be eligible, a student must have completed the following courses with no final grade below a C and a grade point average no lower than a B (GPA 3/0 or higher). Refer to the Board of Regents website at [www.sdbor.edu](http://www.sdbor.edu) for more information and details regarding qualifications for this diploma.

English .....	4 units
Mathematics .....	4 units
Science .....	4 units
Social Science .....	3 units
Foreign Language or CTE....	2 units
Fine Arts .....	1 unit

### **South Dakota Opportunity Scholarship Requirements**

Students must have earned a composite ACT score of 24 or above and have completed the required courses at a letter grade of C or better. These are available at <http://sdos.sdbor.edu/>

You can receive the SDOS, if you have an ACT composite of 28 or above, if you do not meet the course requirements. Refer to the Board of Regents website for more information and details, as well as the application to submit. Students who qualify must submit the application in the spring of their senior year. Once final grades are posted, the transcript and application will be sent the college/university/tech school that the student indicates they are attending.

### **Special Education Program**

Special Education programs at the high school utilize an Individual Education Plan (IEP) to assist students with special needs. Career classes at the high school meet these specialized needs on an individual basis. Contact an administrator for more information.

### **SDMyLife / Xello**

SDMyLife and Xello are career exploration and planning tools available anywhere you have Internet access. A key component of the programs is the Personal Learning Plan (PLP) which helps ensure students meet graduation/scholarship requirements by taking the appropriate courses and match their career interest and aptitudes. The completion standards guide students through activities designed to assist them in their post-secondary decision making. In addition, the electronic portfolio allows students career planning activities and documentation and also includes an ACT test preparation component. This part is called Method Test Prep and it is FREE. You can access it on the front page of your Xello account. Students can use their school email and password to login.

# **TEA AREA HIGH SCHOOL COURSE OFFERINGS**

**SUBJECT TO CHANGE**

## **Career and Technical Education**

### **Program Overview**

The Tea Area High School CTE program is designed to give student workforce experiences in a variety of South Dakota Career and Technical Education clusters. The courses within each cluster provide students with experiences and skills that they would need when entering the workforce. Below, you will find information regarding various CTE clusters offered at Tea Area High School. Each Capstone course does count towards the CTE requirement for the Advanced Career Endorsement.

### **Architecture & Construction**

**Description:** Careers in designing, planning, managing, building and maintaining the built environment.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Introduction to Technology Education

**TAHS Pathway Courses:** Cabinetry, Introduction to Building Trades

**Programs of Study:** N/A

**Cluster Certifications:** NCRC Silver, ACI Flatwork, CPR/First Aid, OSHA 10

### **Arts, A/V Technology & Communications**

**Description:** Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Intro to Arts, A/V

**TAHS Pathway Courses:** Multimedia Design, Web Development I and II, Interior Design I, Interior Design II, Visual Communications, CTE Academy Courses

**Programs of Study:** Audio/Video Technology

**Cluster Certifications:** NCRC Silver, Adobe Certifications, HTML Developer, JavaScript Developer

### **Business Management & Administration**

**Description:** Business Management & Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management & Administration career opportunities are available in every sector of the economy.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Introduction to Business, Accounting I, Personal Finance

**TAHS Pathway Courses:** Business Law

**Programs of Study:** Administrative Services, Business Information Management, General Management, Human Resources Management, Operations Management

**Cluster Certifications:** NCRC Silver, Microsoft Excel, A.S.K. Fundamentals of Business

### **Health Science**

**Description:** Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:**

**TAHS Pathway Courses:** PLTW Biomedical Science, PLTW Human Body Systems, PLTW Medical Interventions

**Programs of Study:** Biotechnology Research and Development, Diagnostic Services, Support Services, Health Informatics, Therapeutic Services

**Cluster Certifications:** NCRC Silver, CPR / First Aid, EMT

## Human Services

**Description:** Preparing individuals for employment in career pathways that relate to families and human needs.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Human Development: Prenatal through Toddlers, Human Development: Adolescence through Death

**TAHS Pathway Courses:** Nutrition & Wellness, Nutritional Sciences, Business Law

**Programs of Study:** Early Childhood Development, Family & Community Services, Consumer Services, Counseling and Mental Health, Personal Care Services

**Cluster Certifications:** NCRC Silver, CPR / First Aid

## Information Technology

**Description:** Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Introduction to Information Technology

**TAHS Pathway Courses:** Web Development I & II, PLTW Computer Science Principles, PLTW Cybersecurity

**Programs of Study:** Information Support Services, Program & Software Design, Networking, Web & Digital Communications

**Cluster Certifications:** NCRC Silver, Comptia's Security +, Comptia IT Fundamentals +, HTML Developer, JavaScript Developer

## Science, Technology, Engineering & Mathematics

**Description:** Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Introduction to Technology Education

**TAHS Pathway Courses:** PLTW Computer Science Essentials, PLTW Computer Science Principles, PLTW Introduction to Engineering Design

**Programs of Study:** Engineering and Technology

**Cluster Certifications:** NCRC Silver

## Transportation, Distribution & Logistics

**Description:** Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Intro to Technology Education, ATV/SEM (Small Engines)

**TAHS Pathway Courses:**

**Programs Pathways:** Facility / Equipment Maintenance, Health / Safety / Environmental Management, Logistics Planning Management, Transportation Operation, Warehousing / Distribution, Sales and Service, Transportation Systems

**Cluster Certifications:** NCRC Silver, Automotive Service Excellence

## **Education and Training**

**Description:** Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

**TAHS Foundational Courses:** Entrepreneurship

**TAHS Cluster Courses:** Human Development: Prenatal through Toddlers, Human Development: Adolescence through Death

**TAHS Pathway Courses:** Dual Credit EDFN 101 Introduction to Teaching

**Programs Pathways:** Administration & Administrative Support, Professional Support Services, Teaching/Training

**Cluster Certifications:** NCRC Silver, CPR/First Aid

## Career and Technical Education Courses

### Introduction to Business - BE1101 & BE1102

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** Two Semesters      **Credit:** 1 Credit  
**Clusters:** Business Management

**Description:** Introduction to business focuses on business at an entry level in which students are introduced to all aspects of business: the domestic and international economies, financial principles, management strategies, administrative and information systems, ethics, and organizational and professional leadership. Students will analyze the elements of the business environment and focus on attitudinal and problem-solving skills inherent to success. Students will write a business plan and participate in South Dakota Business Plan competition.

### Accounting I - BE1301 & BE1302

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Algebra I  
**Length:** Two Semesters      **Credit:** 1 Credit  
**Clusters:** Business Management, Human Services

**Description:** An introduction to manual double entry accounting, the accounting cycle, and accounting for a payroll system. Key topics include analyzing transactions, journalizing, posting, six column worksheet, preparing financial statements, cash control and banking activities, payroll accounting, payroll liabilities and tax records. Students will use the APUA software to complete assignments and tests. Students should be good with problem solving, working with numbers and detail oriented.

### Business Law - BE1502

**Elective**      **Grade Level:** 10-12      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit  
**Clusters:** Business Management, Human Services

**Description:** Designed to cover a variety of legal topics and provide students fundamental knowledge of criminal law, contract law, consumer law, your money and the law, and family law. The primary goal is for students to understand the facts about federal, state, and local law and develop an awareness of legal circumstances to allow students to function more effectively in their chosen professions and become better informed and legally wise citizens.

### Entrepreneurship - BE1701

**Elective**      **Grade Level:** 10-12      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit  
**Clusters:** Architecture/Construction, STEM, Information Technology, Human Services, Health Science, Transportation Logistics, Business Management, Arts AV Technology

**Description:** Entrepreneurship is an introduction to the concepts and processes associated with successful entrepreneurial performance. Students will be able to identify and evaluate business opportunities in their communities and those that other entrepreneurs have capitalized on in the past. They should also be able to use their creativity and communication skills to brainstorm products and/or services that fulfill a current need. Students participate in Junior Achievement Company, where the class partners with a local business to create and sell a real product using real money. The students will learn how to research potential markets for their product or service and learn the basic financial operation of a business. Students will understand the process of managing a business and the process of influencing people while

operating a business. Lastly students will learn and understand exit strategies to reducing risk and create future options. Students will use Chromebooks, Google Classroom and [www.BizInnovator.com](http://www.BizInnovator.com) to complete and submit class work.

### **Introduction to Information Technology – CS1101**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None  
**Length:** One Semester                      **Credit:** 0.5 Credit / semester  
**Clusters:** Information Technology

**Description:** This course is an introduction to information technology concepts - system administration and networking, software and application development, information security, and business analytics. Students will use critical thinking and problem solving skills to understand critical concepts and practices that are required in many business settings. Students will learn about computer technologies through hands-on activities, demonstrations, and online interactions.

### **Introduction to Arts, A/V Technology, and Communication – AAC1000**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology

**Description:** Introduction to Arts, A/V Technology & Communication course enables students to understand and critically evaluate the role of media in society. Course content includes: investigation of visual images, printed material and audio segments as tools of information, entertainment and propaganda; improvement of presentation and evaluative skills in relation to mass media; recognition of various techniques for delivery of a particular message; and, in some cases, creation of a media product. The course may concentrate on a particular medium within the selected pathway(s).

### **Graphic Design – FA 1502**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology

**Description:** In this class the students will explore the world of visual design. Through the relationship of text and visual images you will create projects that could be used in marketing, advertising, or communicating an effective message to others. You will also have the opportunity to analyze the outcome of your photographic work and present it as if you were selling it to a client. Emphasis will be on creating effective original designs and clear communication.

### **Multimedia Design I- AAC1100**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** Intro. to AAC  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology

**Description:** This course will expose students to a variety of projects that require students to plan, design, develop, and implement multimedia solutions. Students will learn and utilize the software required to stream, format images for a variety of mediums, edit and mix film and audio to provide multimedia services to the school. Multimedia services include filming, editing, and developing playlists. Students are required to complete some work outside of class, such as taking pictures and live streaming school activities. Students are expected to build a portfolio to showcase their work throughout the semester.

### **PLTW Computer Science Principles (CSP) I – CS1701**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None

**Length:** One Semester  
**Clusters:** Information Technology

**Credit:** .5 Credit

**Description:** The focus of PLTW CSP is to allow students to develop computational thinking and problem solving. Students will accomplish this by completing projects that require them to plan, document, and communicate their work within teams. The course also allows students to see how computational thinking and problem solving is utilized within several career fields. Amongst other projects, students will design mobile apps and explore web development.

### **PLTW Computer Science Principles (CSP) II – CS 1702**

**Elective**                      **Grade Level:** 9-12

**Prerequisites:** PLTW CSP I

**Length:** One Semester

**Credit:** .5 Credit

**Clusters:** Information Technology

**Description:** Computational thinking and problem solving remain the focus of CSP II. Students will accomplish this by completing projects that require them to plan, document, and communicate their work within teams. The course also allows students to see how computational thinking and problem solving is utilized within several career fields. Students will work on projects to explore and visualize data as well as explore intelligent behavior. This is a continuation of the 8<sup>th</sup> grade PLTW Computer Science Principles course.

### **PLTW Cybersecurity I - CS1301**

**Elective**                      **Grade Level:** 9-12

**Prerequisites:** PLTW CSP I / II or Intro. to IT

**Length:** One Semesters

**Credit:** .5 Credit

**Clusters:** Information Technology

**Description:** Students will explore the basics of information security - specifically how they are affected by security every day. Students will explore networking and how they create a network at home. Students will be exposed to notable networking exploits (hacks) and learn how they can protect against them. Students will be engrossed in the ethics of computer and network use and what it means to use their knowledge to help instead of hurt. Students will work to solve real world problems in which they may encounter today or in the future as a professional. The ability to think logically, problem solve, read and understand informational text, and write well thought out reports is paramount to succeeding in PLTW Cybersecurity I.

### **PLTW Cybersecurity II – CS1302**

**Elective**                      **Grade Level:** 9-12

**Prerequisites:** PLTW Cyber I

**Length:** One Semester

**Credit:** .5 Credit

**Clusters:** Information Technology

**Description:** Students will explore Linux operating systems and their use in the professional field within networking and as hackers. Students will further explore networking in how it applies to public works facilities. Students will be exposed to cryptography, digital forensics, and the criminal justice system as it pertains to information security. Students will further explore careers within cybersecurity and the pathways available. Students will work to solve real world problems in which they may encounter today or in the future as a professional. The ability to think logically, problem solve, read and understand informational text, and write well thought out reports is paramount to succeeding in PLTW Cybersecurity I.

### **Web Development I – CS1201**

**Elective**                      **Grade Level:** 10-12

**Prerequisites:** Intro. to IT, Intro. to AAC

**Length:** One Semester

**Credit:** 0.5 Credit

**Clusters:** Arts, AV Technology, Information Technology



**Description:** Introduction to basic and intermediate concepts of website design and development. Students will learn the design and development process while working to deploy a fully functional website. Languages covered are HTML5, CSS3, and Javascript.

### **Web Development II – CS1202**

**Elective**                      **Grade Level:** 10-12                      **Prerequisites:** Web Design I  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology, Information Technology

**Description:** Continuation of the web design I curriculum. This course will cover intermediate to advanced topics such as content management systems (CMS), mobile device development, server side development, and front-end development. Languages covered are Javascript and PHP.

### **Interior Design - FACS 1201**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology

**Description:** This class is designed to help students learn about the home as an environment for human growth, the selection of a home, the process of furnishing a home, trends in housing, and using related art principles and consumer buying skills. Housing styles are identified and decorating techniques are covered.

### **Advanced Interior Design – FACS 1202**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** Interior Design  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Arts, AV Technology

**Description:** This course will give the student the opportunity to link their creative ability to well documented strategies and theories concerning planning and decorating a living or working space. Students will be exposed to the relationship between history, texture, color, and design. Home accessory projects will be made by the student to enhanced home decorating; the projects will be individualized to meet the student's needs and wants. Most material expenses will be the responsibility of the students.

### **Nutrition & Wellness - FACS 1401**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** None  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Human Services

**Description:** Nutrition and Wellness covers all aspects of food preparation skills and nutritional needs of all ages. Specific areas of study are: food choices, nutrient needs, guidelines for good nutrition, planning daily food choices, food and fitness, special topics in nutrition, tools and techniques, consumer decisions, foods for meals and snacks, special techniques, and careers in food and nutrition.

### **Nutritional Sciences - FACS 1402**

**Elective**                      **Grade Level:** 9-12                      **Prerequisites:** Nutrition and Wellness  
**Length:** One Semester                      **Credit:** 0.5 Credit  
**Clusters:** Human Services

**Description:** Dietetics and Nutrition is a semester long course that is designed to teach students about trends related to diet and nutrition. Topics covered include career paths and careers in dietetics and nutrition, societal trends and concerns impacting dietetics and nutrition, global foods and menu planning for others to meet individual needs. Students will expand on kitchen skills used in Nutrition and Wellness.

### **Human Development: Prenatal to Toddler - FACS 1301**

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit  
**Clusters:** Human Services, Education and Training

**Description:** This course helps the student understand and accept responsibility for one's own actions in relation to decisions about the choice of parenting as well as understanding the relationship between learning about children and being a nurturing parent. Students will become aware of the responsibility of being parents as they study the growth of the child from conception through the preschool years. This class would benefit students going into careers such as pre-school/elementary education, nursing, teacher aides, and future parents. Student take home an infant simulator to learn the skills involved in parenting.

### **Human Development: Adolescence to Adulthood - FACS 1302**

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit  
**Clusters:** Human Services, Education and Training

**Description:** This course stresses the importance of relationships in everyday living. Topics include: establishing and building relationships, improving communication, building self-esteem, personality development, developing leadership skills, and personal management of both conflict and stress. Emphasis is on developing skills in these areas as well as improving relationships through learning about other people, families and cultures.

### **Introduction to Technology Education – IA1001 and 1002**

**Elective**      **Grade Level:** 9th      **Prerequisite:** None  
**Length:** Two semesters (1 period)      **Credit:** 0.5 Credit / semester  
**Clusters:** Architecture/Construction, STEM

**Description:** This course is aimed at students who want to learn the BASIC woodworking skills. This will be accomplished by completing small woodworking projects. Students will learn wood working skills that will be applicable to real life situations. This class is designed for students, boys and girls, who have little or no experience in woodworking. Projects completed in this course include: Design Process (Drawing up plans), Energy and Power (Making and wiring a Lamp), Manufacturing (Mass production of a wood project), and Communication (making a safety video or commercial on their project).

### **Cabinet Making - IA1201 & 1202**

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** Two Semesters (one period)      **Credit:** 0.5 Credit/semester  
**Clusters:** Architecture/Construction

**Description:** This course introduces the student to fundamentals of woodworking. Topics covered: wood, wood products, hand tools, power tools, lab safety, and power tool safety. Community Involvement: Field trips will be taken to various

community businesses throughout the construction industry. (Cabinetry, House Construction) Students are required to complete projects during the semester.

### **Introduction to Building Trades - IA1301**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Cabinet Making  
**Length:** Two periods (one semester)      **Credit:** 1 Credit  
**Clusters:** Architecture/Construction

**Description:** This course is hands on introduction to the field of building construction. Students learn how to use hand power tools with safety being emphasized. Wood identification, carpentry jobs, and carpentry vocations are discussed. Field trips will be taken to job sites.

### **Small Engines - IA1101 & 1102**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** None  
**Length:** Two semesters (one period)      **Credit:** 0.5 Credit/semester  
**Clusters:** Transportation Logistics

**Description:** Subject matter is presented on engine principles, the use of measuring and testing instruments, and engine systems such as compression, ignition, carburetion and starting.

The instructional program includes preventative maintenance, off-season storage, safety, four-stroke cycle engine overhaul; and two-stroke cycle overhaul. The engines for this study program are furnished by the students.

### **PLTW Principles of Biomedical Science – SC2100**

**Elective**      **Grade Level:** 9<sup>th</sup>-12<sup>th</sup>      **Prerequisites:** None  
**Length:** One Semester/Two Periods      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

### **PLTW Human Body Systems – SC2101**

**Elective**      **Grade Level:** 9<sup>th</sup>-12<sup>th</sup>      **Prerequisites:** Principles of Biomedical Science  
**Length:** One Semester/Two Periods      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** In the second course of the PLTW Biomedical Science program, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

### **PLTW Medical Interventions – SC2102 & SC2103**

**Electives**      **Grade Level:** 11<sup>th</sup> – 12<sup>th</sup>      **Prerequisites:** PBS and HBS or Anatomy and Physiology  
**Length:** Two Semesters      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

### **PLTW Introduction to Engineering Design I– STEM2001 & STEM2002**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Geometry  
**Length:** Two Semesters      **Credit:** 1 Credit  
**Cluster:** STEM

**Description:** Following Project Lead the Way’s suggested curriculum, PLTW Introduction to Engineering Design courses provide an opportunity for students to become involved in hands-on projects that require mathematics, science, and engineering applications. In these courses, students review problems, document work in an engineering notebook, and design solutions using 3D modeling software.

### **Dual Credit EDFN 101 Introduction to Teaching– EDFN101**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** English II  
**Length:** 1 Semester      **Credit:** .5 Credit / 3 college credits  
**Cluster:** Education and Training

**Description:** In this dual credit course, students will explore the teaching profession as a viable profession. The course will include topics about why people choose to teach, what teacher attributes and dispositions are important, and how an education degree is versatile. Students will also be participating in district classrooms to gain hands-on experience and valuable insight on the teaching profession. This course will be instructed entirely online via Desire2Learn (<http://d2l.sdbor.edu>). While this is an online class, it does not mean it is a self-paced or correspondence-like course. Each week you will be required to complete assignments and participate in discussions. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

## English/Language Arts Department

### English I - Composition - ENG1101

**Required**      **Grade Level:** 9      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** In Composition I, the writing process is reinforced and will be applied to personal, narrative, descriptive, and expository writing. Students will read short literary selections and write reaction essays, ending the semester with a strong writing foundation. Grammar, sentence structure, ideas, writing style, and syntax will be heavily emphasized in this class. Outside hours may be required to complete course work. This course is required before enrolling in English III.

### English I - Literature - ENG1102

**Required**      **Grade Level:** 9      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** Students will read *To Kill a Mockingbird*, *Romeo & Juliet*, and various literary selections from a grade-level textbook. Students will examine new vocabulary and complete a variety of assignments. In this class, students will go beyond simple comprehension of literature; at course's end, they will be able to analyze and describe the effect of figurative language and other literary devices. Outside hours may be required to complete course work. This course is required before enrolling in English III.

### Honors English I - Composition & Literature - ENG1103 and ENG1104

**Required**      **Grade Level:** 9      **Prerequisites:** See Honors Admissions, Summer reading  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** In honors, students will explore ways that audience, purpose, and context shape oral and written communication, and media and technology. Students will evaluate literature more widely and deeply, including more challenging and/or complete print and non-print texts. The honors English course requires students to generate thought-provoking questions and topics and to research diverse sources. Students will work as self-directed and reflective learners, both independently and in groups. Higher-level thinking skills will be emphasized through interdisciplinary and critical perspectives as reflected in the quality of student performance in oral and written language, and other media/technology. Admission to the class is directed by the Honors Program Admissions process.

### English II – Speech - ENG1201

**Required**      **Grade Level:** 10      **Prerequisites:** English I  
**Length:** One Semester      **Credit:** .5 Credit

**Description:** Within this class, students will cover the diverse world of communication by exploring how communication impacts us each day. Throughout this class, students will investigate communication within many different situations (personal, professional, global, interpersonal, and intrapersonal). While discovering communication essentials, students will also learn how to prepare and present several different types of speeches. They will be challenged to speak in front of their classmates on a variety of topics during the course.

### English II - Composition & Literature - ENG1202

**Required**      **Grade Level:** 10      **Prerequisites:** English I  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This course encompasses a broad range of writing challenges along with the infusion of multiple pieces of literature. Students will analyze creative communication through writing and respond with respectful, personal responses to their classmates' writing. Participation, which includes both sharing and responding, will be graded. Students will also write a research paper and explore a variety of ways to research topics. The primary literary focus will be on a selected novel; however, various literary selections from a grade-level textbook will be studied throughout the semester as well.

Students will examine new vocabulary and complete a variety of assignments. The course places an emphasis on the Common Core State Standards for 10th grade Language Arts. Additional emphasis will be given to spelling, grammar, sentence structure, literary elements, and ideas. Outside hours may be required to complete course work.

### **Honors English II - Composition & Literature - ENG1204**

**Grade Level:** 10

**Prerequisites:** See Honors Admissions, Summer reading

**Length:** One Semester

**Credit:** 0.5 Credit

**Description:** Students in Honors English II read, discuss, and write about both classical and contemporary world literature (excluding British and American authors) in which students will identify cultural significance. Students will examine pieces of world literature in cultural context to appreciate the diversity and complexity of world issues and to connect global ideas to their own experiences. An exploration of language for expressive, explanatory, critical, argumentative and literary purposes will be integrated throughout the course. Admission to the class is directed by the Honors Program Admissions process.

### **English III - American Literature - ENG1301**

**Required Grade Level:** 11

**Prerequisites:** English I & II

**Length:** One Semester

**Credit:** 0.5 Credit

**Description:** American Literature is a fun and exciting mixture of history, art, and intriguing stories. Throughout the class, students will be reading some of the most popular pieces from our country's finest writers, including Arthur Miller, Emily Dickinson, and Edgar Allan Poe. This course will consist of a mixture of poetry, short stories, drama, and one novel: F. Scott Fitzgerald's *The Great Gatsby*. Some of the reading will be completed in class, but there will be a moderate amount of reading required outside of the class to succeed. While reading, students will cover various literary devices, life lessons, vocabulary words, and a general understanding of the texts.

### **English III - Composition - ENG1302**

**Required Grade Level:** 11

**Prerequisites:** English I & II

**Length:** One semester

**Credit:** 0.5 Credit

**Description:** English III – Composition will focus on the proper use of mechanics in writing and the further development of rhetorical skills. Students will write a variety of short essays, including those in the genres of narration, exposition, and research, with a special emphasis placed on expository essays common in standardized tests.

### **Honors English III - American Literature & Composition - ENG1303 & ENG1304**

**Grade Level:** 11

**Prerequisites:** See Honors Admissions, Summer reading

**Length:** Two Semesters

**Credit:** 1 Credit

**Description:** Honors English III will focus on the analysis of United States literature as it reflects social perspective and historical significance by continuing to use language for expressive, expository, argumentative, and literary purposes. The emphasis within this course is critical analysis of texts through reading, writing, speaking, listening, and using media. Admission to the class is directed by the Honors Program Admissions process.

### **English IV - British Literature - ENG1401**

**One credit of a senior-level English course is required**

**Grade Level:** 12

**Prerequisites:** Senior standing, English I, II, & III

**Length:** One semester

**Credit:** 0.5 Credit

**Description:** This course will survey British literature from ancient to modern times, exploring the origin and evolution of the English language from *Beowulf* to Shakespeare and beyond. Lessons will also include the study of literary elements, vocabulary, and writing.

### **English IV - Senior Writing - ENG1402**

**One credit of a senior-level English course is required**

**Grade Level:** 12

**Prerequisites:** Senior standing, English I, II, & III

**Length:** One semester

**Credit:** 0.5 Credit

**Description:** This is the capstone writing course for seniors, which will combine advanced lessons on grammar with various forms of writing. A variety of topics, styles, and disciplines will be used, with the goal of fostering a critical, informed view of mass media outlets and preparing students for post-secondary education inside or outside the classroom.

### **Yearbook Publication - ENG2001 & ENG2002**

**Elective**

**Grade Level:** 10-12

**Prerequisites:** Sophomore standing

**Length:** Two semesters (recommended)

**Credit:** 1 credit

**Description:** Yearbook class will be responsible for creating the school's annual yearbook publication. Students will review and apply the principles of reporting and photography with special emphasis placed on graphic design as it applies to publishing a comprehensive, integrated yearbook. The ability to work with others, pay attention to detail, and work on assignments outside of school hours is recommended, as many assignments will require one or all of these. This course may be repeated by students at the instructor's discretion.

### **Creative Writing – ENG1603**

**Elective**

**Grade Level:** 11-12

**Prerequisites:** None (based on available space)

**Length:** 1 semester

**Credit:** 0.5

**Description:** Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the courses is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and craft. Although most creative writing lessons cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

### **Journalism/Newspaper- ENG1601 & 1602**

**Elective**

**Grade Level:** 10-12

**Prerequisites:** None (based on available space)

**Length:** Two semesters (recommended)

**Credit:** 0.5 Credit (one credit recommended)

**Description:** Journalism will introduce students to the basic principles of reporting and photography, with an emphasis on newspaper and other print journalism. Students in this class will regularly design and publish the school's newspaper, working independently and in teams to complete assignments including interviewing subjects, writing and editing stories, taking pictures, and designing layouts. The ability to work with others, pay attention to detail, and work on assignments outside of school hours is recommended, as many assignments will require one or all of these. Photography and photojournalism skills may be included. This course may be repeated by students at the instructor's discretion.

### **Strategic Reading – ENG 1001 & 1002**

**Elective**

**Grade Level:** 9-12

**Prerequisites:** Teacher recommendation

**Length:** Two semesters

**Credit:** 1 credit

**Description:** This course will provide students with explicit instruction intended to improve a student's vocabulary, critical-thinking and analysis skills, fluency, and comprehension level. Instruction will focus on strategic reading strategies for identifying text structure, effective note taking, and for understanding and evaluating the important points of a text. The course will emphasize works of fiction, but will also include works of nonfiction.

### **Research and Technical Writing – ENG1105**

**Elective**

**Grade Level:** 11

**Prerequisites:** English I and English II

**Length:** One semester

**Credit:** 0.5 credit

**Description:** This class will prepare students to write research papers and technical reports and will provide students with the procedures and mechanics necessary for clear and accurate written communication. A specific emphasis will be placed on researching sources (primary and secondary), citing sources (MLA and APA styles), and organizing information (materials, thoughts, and arguments).

### **Standardized Test Preparation – PREP1001**

**Elective**

**Grade Level:** 10<sup>th</sup> - 11<sup>th</sup>

**Prerequisites:** English II, Geometry

**Length:** One semester

**Credit:** 0.5 credit

**Description:** Standardized Test Preparation courses help prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, these courses assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies. This will be a junior level course first semester and sophomore level 2nd semester.



## Fine Arts Department

### Introduction to Art 1 - FA1301

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** None

**Credit:** 0.5 Credit

**Description:** This course is an introduction to high school art. The elements and principles of design are emphasized; demonstrate two and three dimensional construction; utilize design vocabulary and basic drawing skills. The principles of design are studied in projects such as architecture design through 1, 2 point perspective. In the area of drawing, projects will include human anatomy and creating correct proportions, still life, contour, and line in nature. In the area Painting, the students will demonstrate painting techniques; apply color theory and composition techniques. This course also studies the basics of 3D~design. Students will learn to hand build coil pots, pinch pots, slabs, and many others.

### Introduction to Art 2 - FA1302

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** Introduction to Art 1

**Credit:** 0.5 Credit

**Description:** This course is an advanced continuation from Introduction to Art 1. Students will explore the elements of art and principles of design. In Introduction to Art 2 the main focus will be the elements of art, art processes, media, and materials. Along the way the students will learn about the history of art through weekly presentations of artists and art movements, group work, and individual research. Students will also learn how to critique famous works of art as well as their own artwork.

### Drawing - FA1401

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** None

**Credit:** 0.5 Credit

**Description:** Advanced drawing techniques in black and white or color media; utilize positive and negative space in a composition; identify anatomy and proportion in figure drawing; demonstrate proportions in portraiture student develops and produces portfolio of advanced work.

### Painting - FA1501

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** None

**Credit:** 0.5 Credit

**Description:** Study and use variety of painting media, watercolor, acrylics, and water-based inks. Utilize pigment/ color relationships; demonstrate color mixing; demonstrate personal growth and increased knowledge of selected media and style; present portfolio of advanced work. Students will also have to purchase own canvas.

### Drawing 2 – FA1605

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** Art 1 & Art 2, or Painting & Drawing (1 year of art)

**Credit:** 0.5 Credit

**Description:** Advanced drawing is built on the knowledge and skills learned in Drawing I and Art 1 & 2. This course is designed to help the students find their artistic voice. We explore a variety of approaches and aspects in drawing which discuss a variety of mediums, artists, and techniques. While working from observation we go beyond representation to explore conceptual and contemporary themes. Prerequisite: Art1 & Art 2, or Drawing & Painting (1 year of previous art classes.)

### Painting 2 – FA1606

**Elective**      **Grade Level:** 9-12

**Length:** One Semester

**Prerequisites:** Art 1 & Art 2, or Painting & Drawing (1 year of art)

**Credit:** 0.5 Credit

**Description:** Advanced painting emphasizes instruction in more sophisticated methods of development of the painting, preparatory drawings completed in a larger format that help expand how to use subject matter from various sources, and presentations on both historical and contemporary artists that inform and empower each students towards recognizing the myriad ways that painting can be used to communicate an idea.

### **Ceramics Pottery 1 - FA1402**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** None  
**Length:** One semester      **Credit:** 0.5 credit

**Description:** Students will demonstrate advanced ceramics and sculpture techniques to create 3D sculpture working with clay, and other media. Students will create clay projects on the potter's wheel. Students will know how to load and unload the kiln.

### **Ceramics Pottery 2 – FA1403**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Ceramics 1  
**Length:** One semester      **Credit:** 0.5 credit

**Description:** In this course, students will build upon the concepts and skills learned in Ceramics 1(prerequisite) and will develop more advanced skills in hand building and wheel throwing. A stronger emphasis is placed on skills and concepts that a student could use as a professional artist- either as a production potter making cups, and bowls, and plates, etc.; or a creative artist that may have their own gallery or work for art studios (such as character design for game and movie companies). Students are also expected to have a strong work ethic and to pursue higher quality of work and craftsmanship on their projects.

### **Digital Photography – FA1601**

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** In Digital Photography, students will be able to apply principles of visual literacy to produce visual content. This gives students an advantage in today's global, multimedia society. Students will be taught industry-relevant technical skills and have the opportunity to work with a variety of technology, including digital cameras, design software, and editing tools to stage, shoot, process, print, and present professional-grade images. Students will evaluate and critique photographic work and investigate the history of photography. The students will be working with many Adobe based computer programs to manipulate their photos.

### **Art Portfolio I - FA1701**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** 3 or more Art Classes  
**Length:** One semester      **Credit:** 0.5 Credit

**Description:** Students in this class will sign a contract stating the goals they will accomplish during a semester. A minimum of 8 projects is required to be completed during the semester. The students will create a series of 8 or more based upon a similar theme. The students will also write an artist statement discussing their work, thought process, and technique used. At the end of the semester, the student will curate a gallery show type setting to feature their artworks and artist statement.

### **Music Appreciation - FA2001 & FA2002**

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** Two semesters      **Credit:** 1 Credit

**Description:** Music appreciation class is made up of bookwork, listening assignments, some research in this class will be involved as well as written assignments. We will be learning music theory, the reading and writing of notes, rhythms and symbols on a staff. We will also be exploring different genres or types of music such as blues, jazz, country, rock and roll, pop, as well as world music and American music theatre. Students will learn the basics of harmonica playing, acoustic

guitar and drumming in a percussion ensemble. Most of the grade points in this class will be made up of in class assignments and projects but there will be take home homework and research assignments as well.

### **Band - FA1101 & FA1102**

**Elective**      **Grade Level:** 9-12

**Prerequisites:** 5-8 band

**Length:** Two semesters

**Credit:** 1 credit

**Description:** Students will play many types and styles of music throughout the year. Marching Band is included at the beginning of the year with various competitions and parades. Pep Band plays throughout the year at home sporting events. Concert band and Jazz band meet throughout the year and students will also have some opportunities to attend honor bands, all-state bands, and participate in solo and ensemble contests. Concert band will be split into 2 bands by audition. Top students will be placed in the Symphonic Band. Everyone else will be placed in Concert Band. Both bands will attend the Region II Large Group Contest.

### **Kronos Concert Choir - FA1001 & FA1002**

**Elective**      **Grade Level:** 9-12

**Prerequisites:** By Audition Only

**Length:** Two semesters

**Credit:** 1 Credit

**Description:** Meets Monday through Friday for 49 minutes. The concert choir will be by audition only. The Concert Choir will sing a wide range of genres and languages in 4-8 part harmony accompanied and unaccompanied. Concert choir will compete in the Region II Large Group Contest and have the opportunity to go to small group/solo contest. Only members of the concert choir will be able to audition for All-State Choir. Auditions will be held at the beginning of the Fall Semester from within Concert Choir for ATLAS, the a cappella vocal group. Students in the Kronos Concert Choir will also be required to perform at the fall, winter and spring concerts as well as various community events.

### **Calliope Women's Choir - FA1011 & FA1012**

**Elective**      **Grade Level:** 9-12

**Prerequisites:** None

**Length:** Two semesters

**Credit:** 1 Credit

**Description:** Meets Monday through Friday for 49 minutes. The Women's Ensemble will sing a wide range of genres and languages in 3 and 4 part harmony accompanied and unaccompanied. The Women's Ensemble will compete in the Region II Large Group Contest and have the opportunity to go to small group/solo contest. They will also be required to perform at the fall, winter and spring concerts as well as various community events.

### **Prometheus Men's Choir - FA1201 & FA1202**

**Elective**      **Grade Level:** 9-12

**Prerequisites:** None

**Length:** Two semesters

**Credit:** 1 credit

**Description:** Meets Monday through Friday for 49 minutes. The Men's Ensemble will perform many types of music throughout the year. Students will focus on becoming better at reading music and singing 2, 3, and 4 part splits. Students will have the chance to sing a variety of repertoire and perform at the fall, winter and spring concerts as well as various community events. The Men's Ensemble will compete in the Region II Large Group Contest and have the opportunity to go to small group/solo contest; however, solo work is not required.

## Health and Physical Education

### High School Physical Education - PE1102

**Required**      **Grade Level:** 9      **Prerequisites:** None

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** Students will participate in physical activity to achieve and maintain a health enhancing level of physical fitness. Students will also participate in and learn different lifetime activities.

### Health - PE1301

**Required**      **Grade Level:** 9      **Prerequisites:** None

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** Class will cover various health-related topics relevant to teenage life. Class consists mainly of lecture and class discussion.

### Fitness and Conditioning - PE1201 & PE1202

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Physical Education/Health

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** Students learn the benefits, and proper skills associated with strength training, plyometrics, and cardiovascular exercise. Student's progress is kept with a series of physical and strength testing each nine weeks.

### Cardio Fitness - PE1401 & PE1402

**Elective**      **Grade level:** 9-12      **Prerequisites:** HS P.E.

**Length:** Two semesters      **Credit:** 1 Credit

**Description:** Class will be primarily based on walking for fitness, with the possibility of different fitness activities. Class will be outdoors with different routes to walk daily, with the exception of days that are below 25 degrees, based on Keloland.com. Students will be given a pedometer to track steps, heart rate, and distance traveled, to be recorded daily.

## Personal Finance and Economics

### Personal Finance - BE1401

**0.5 credit of Personal Finance or Economics is required for graduation**

**Grade Level:** 11-12      **Prerequisites:** None

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This course is designed to teach students the importance of setting goals, the basics of money and credit management, banking, saving and investing basics, risk management (life, property, health, automobile) and the costs associated with owning motor vehicles. Students in this class will improve consumer decision-making skills and knowledge of personal finance. Students will use Chromebooks and Google Classroom to complete and submit class work.

### Economics - BE1801

**0.5 credit of Personal Finance or Economics is required for graduation**

**Grade Level:** 11-12      **Prerequisites:** None

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This course is an introduction to Economics and includes basic economic theory as students learn about economic systems and how the American economy works. Key topics include: your role as a consumer, borrowing, buying, saving and investment. Microeconomics - law of supply and demand, business organizations, competition and monopolies, financing and producing goods, marketing and distribution, and the American labor force. Macroeconomics –

Measuring the Economy's performance, money and banking, The Federal Reserve System and Monetary Policy, government spending, taxes and debt.

## Math Department

### Math requirement and suggestions:

1. Students will need to provide their own calculator - having one that they know how to use and are comfortable with is essential for higher-level math.
2. 8<sup>th</sup> graders taking Algebra I who do not score proficient (85%) on the End of Course Exam and pass the course with a C or better will retake Algebra I for high school credit.
3. Passing a math class with anything less than a C- should be considered an indicator that the next level math class may be difficult to successfully complete. It may be in the student's best interest to repeat this class.
4. Students planning on attending college in South Dakota that have anything less than a C- in Algebra I, Geometry, and Algebra II may have some difficulty with the required math placement exam. An unacceptable score on this exam (ACT score below 20) will require the student to take a remedial math class for no credit at their own expense.
5. If a student wishes to "double-up" with Geometry and Algebra II during the sophomore or junior year, it is highly recommended that the student receive at least a "B" in Algebra I and teacher recommendation.
6. It is important to note that Consumer Math meets the graduation requirement, but may not satisfy the entrance requirements at the college a student chooses. Consumer does NOT meet the 4<sup>th</sup> math requirement for Regents Scholar and Opportunity Scholarship. Any questions in this area should be directed to the student's school counselor. It is suggested if you are going to a post-secondary school, students take Algebra I, Geometry and Algebra II to satisfy the post-secondary entrance requirements.

### Algebra I – MA1201 & MA1202

**Required**      **Grade Level:** 8-12

**Prerequisites:** None

**Length:** Two Semesters

**Credit:** 1 Credit

**Description:** In this course, students will learn the language of algebra (properties), work with real numbers, solve linear equations, graph relations and functions, analyze linear equations, solve linear inequalities, and solve systems of equations and inequalities. They will be introduced to polynomial operations, factoring, quadratic and exponential functions, radical expressions, rational expressions and equations, statistics, and probability. A scientific calculator is required.

### Algebra 1 Lab - MA1001 & MA 1002

**Elective**      **Grade Level:** 9

**Prerequisites:** None (teacher recommendation)

**Length:** Two Semesters

**Credit:** 1 Credit/0.5 credit per semester

**Description:** This course is designed to help understand Algebra better. This course is based off of three areas: Acceleration, Remediation, and Recovery. The Acceleration portion is where the student will work on current or upcoming material. The Remediation portion is where the student will work on concepts/ideas that have not been mastered in their previous math courses. The Recovery portion is time spent making up work or redoing work. A scientific calculator is required.

### Geometry – MA1301 & MA1302

**Required**      **Grade Level:** 9-12

**Prerequisites:** Algebra I

**Length:** Two Semesters

**Credit:** 1 Credit

**Description:** This course introduces students to geometrical concepts and reasoning. Students will work with segment measure and coordinate graphing, angles, parallels, triangles and congruence, triangles and their properties, triangle

inequalities, quadrilaterals and their properties, proportions and similarity, polygons and area, circles and their properties, surface area and volume, right triangles and trigonometry, circle relationships, proofs, and transformations. A scientific calculator is required.

### **Accelerated Geometry – MA1303 & MA1304**

**Elective**      **Grade Level:** 9-10      **Prerequisite:** Algebra I (need teacher recommendation)

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This course covers traditional Geometry in greater depth, and thus moves at a faster pace. In addition to learning coordinate graphing, angles, triangles, similarity and congruence, area and volume, properties of circles and two-dimensional shapes, proofs and transformations, students will engage in deeper understanding through extended-learning activities. Students will have to apply their knowledge of prior math courses, such as algebraic equations, proportional relationships, and problem-solving skills in order to complete required tasks. A scientific calculator is a necessity for this course.

### **Algebra II – MA1401 & MA1402**

**Required**      **Grade Level:** 10-12      **Prerequisites:** Algebra I

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This course will review some principles of Algebra I. Topics may include solving equations and inequalities, linear relations and functions, systems of equations and inequalities, matrices, polynomials, quadratic functions and inequalities, polynomial functions, conic sections, rational expressions and equations, exponential and logarithmic relations, sequences and series, probability and statistics, trigonometric functions, and trigonometric graphs and identities. A scientific calculator is required.

### **Accelerated Algebra II – MA1405 & MA1406**

**Required**      **Grade Level:** 10-12      **Prerequisites:** Algebra I, See Honors Admissions

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This course will build upon the concepts of Algebra I, and go in greater depth of the traditional topics covered in Algebra 2. These topics may include set theory, operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratics equations, solving systems of linear and quadratic equations, matrices, graphing of linear and quadratics functions, properties of higher degree equations, operations with rational and irrational exponents, and complex/imaginary numbers. It will also expand on the concept of a function with mathematical modeling. A scientific calculator is required.

### **Pre-Calculus – MA1701 & MA1702**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Algebra II and Geometry

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This course will review some principles of Algebra II. Topics may include linear relations and functions, systems of equations and inequalities, the nature of graphs, polynomial and rational functions, trigonometric functions and their graphs, trigonometric identities and equations, vectors and parametric equations, polar coordinates and complex numbers, conic sections, exponential and logarithmic functions, sequences and series, combinatorics and probability, statistics and data analysis, and possibly an introduction to calculus. A scientific calculator is required.

### **Trigonometry – MA2004**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Algebra I, Algebra II, and Geometry

**Length:** 1 Semester      **Credit:** 0.5

**Description:** Trigonometry introduces the study of the unit circle, trigonometry and inverse trigonometric functions, graphs of trigonometric functions, law of sines and cosines, polar coordinates, vectors, and complex numbers. A scientific calculator is required.

### **Statistics and Probability – MA1603**

**Elective**            **Grade Level:** 11-12            **Prerequisites:** Algebra I and Algebra II  
**Length:** 1 Semester            **Credit:** 0.5

**Description:** Probability and Statistics introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs). Course topics may also include normal distribution and measures of variability. A scientific calculator is required.

### **AP (Advanced Placement) Statistics MA 2101 & MA 2102**

**Elective (online)**            **Grade Level:** 12            **Prerequisites:** Algebra II  
**Length:** Two Semesters            **Credit:** 1 Credit

**Description:** Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students will be responsible for curriculum, if needed.  
**Course Prerequisites:** Algebra II (Before studying statistics, all students should complete three or four years of secondary mathematics designed for college-bound students, courses in which they study algebra, geometry.)

### **AP (Advanced Placement) Calculus AB - MA1801 & MA1802**

**Elective**            **Grade Level:** 12            **Prerequisites:** Pre-Calculus  
**Length:** Two Semesters            **Credit:** 1 Credit

**Description:** This course includes limits and continuity, differentiation, applications of differentiation, integration, applications of the definite integral, exponentials, logarithms, and other transcendental functions, integration techniques, infinite series, and parametric equations and polar coordinates. A scientific calculator is required. AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus.

### **Consumer Math – MA1501 & MA1502**

**Elective**            **Grade Level:** 11-12            **Prerequisites:** Algebra 1  
**Length:** Two Semesters            **Credit:** 1 Credit

**Description:** In this course, students will review some concepts of working with numbers, decimals, fractions, as well as some estimation and rounding techniques. Students will then be introduced to topics such as: part-time and summer jobs, full-time work, recreation and sports costs, basic purchases, checking and savings accounts, credit, automobile expenses, taxes, housing, personal finance, and investments. A scientific calculator is required.

### **Standardized Test Preparation – PREP1001**

**Elective**            **Grade Level:** 10<sup>th</sup> - 11<sup>th</sup>            **Prerequisites:** English II, Geometry  
**Length:** One semester            **Credit:** 0.5 credit

**Description:** Standardized Test Preparation courses help prepare students for national standardized tests such as the PSAT, SAT, and ACT. In particular, these courses assist students in developing and/or expanding their vocabulary, test-taking, and reasoning skills through study, lecture, and practice drills. Course topics may include vocabulary review; root words, prefixes, and suffixes; mathematical concepts, logic, and rules; and general problem-solving and test-taking strategies. This will be a junior level course first semester and sophomore level 2nd semester.



## Mentoring

### Mentoring - MN1001 & MN1002

**Elective**      **Grade Level:** 11-12

**Prerequisites:** 3.0 GPA & Instructor Approval – must complete an application and get a teacher recommendation

**Length:** One or Two Semesters      **Credit:** 0.5 Credit / Semester

**Description:** Mentors will go to the Elementary or Intermediate School and are assigned to a classroom to assist with academic and social skills while being a positive role model to younger students. Course is a Pass / Fail.

## Science Department

### Physical Science – SC1201 & SC1202

**Grade Level:** 9th **Prerequisites:** None

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** Physical Science serves as an introduction to Chemistry and Physics. It addresses the foundations of chemistry and physics to help prepare students for the math and rigor involved in those two courses. The course covers the basic laws that determine how objects behave at the human scale to the atomic scale. The course will incorporate algebra basics.

### Biology - SC1701 & SC1702

**Required** **Grade Level:** 9th **Prerequisites:** None

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** This is a life science course that examines such topics in units of ecology, cells, genetics, and evolution. We present these major topics and discuss how all living things on Earth are connected, and in fact, dependent upon each other. Students will be expected to complete projects, give presentations, and perform frequent lab experiments.

### Honors Biology - SC1703 & SC1704

**Grade Level:** 9th **Prerequisites:** Per Teacher Recommendation

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** This is a life science course that examines such topics in units of ecology, cells, genetics, the history of life, plants, invertebrates, vertebrates, and the human body. We present these major topics and discuss how all living things on Earth are connected, and in fact, dependent upon each other. Students will be expected to complete projects, give presentations, and perform frequent lab experiments, complete with data analysis, analytical thinking, and extensive writing in the form of lab reports.

### Chemistry - SC1501 & SC1502

**Required** **Grade Level:** 11<sup>a</sup> **Prerequisites:** Biology

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** Students will participate in laboratory work, discussions, and writing related to the study of matter and energy. Chemistry is essential for careers in medicine, dentistry, pharmacy, nursing, veterinary work, family and consumer sciences, agriculture, forestry, and engineering. Topics covered will include atomic structure, periodicity, bonding, stoichiometry, reaction dynamics, and acids & bases.

### Honors Chemistry - SC1503 & SC1504

**Grade Level:** 10<sup>b</sup> **Prerequisites:** B or better in Biology and Algebra

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** This is an upper-level elective that is designed to be a challenging course for students who are especially strong in mathematics. This course will serve as a preparation for students interested in going into a science field beyond high school. Students will be expected to complete work outside of class to keep up with the accelerated pace. Students will participate in laboratory work, discussions, and writing related to the study of matter and energy. Topics covered will include atomic structure, periodicity, bonding, stoichiometry, reaction dynamics, chemical equilibrium, gas laws and acids & bases.

### Physics - SC2001 & SC2002

**Required** **Grade Level:** 11<sup>b</sup> **Prerequisites:** Chemistry

**Length:** Two Semesters **Credit:** 1 Credit

**Description:** Students will study energy, mechanics, heat, light, electricity, and atomic physics. These topics will be investigated with lab work, discussion, and through writing. Basic Algebra is used to predict changes in different physical properties (i.e. velocity, acceleration).

### **Honors Physics - SC2003 & SC2004**

**Required**      **Grade Level:** 11<sup>a</sup>-12<sup>a</sup>      **Prerequisites:** B or better in Algebra and Geometry  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This is an upper level elective that is designed to be a college preparatory course. Students should have a strong background in math, especially algebra and trigonometry. Students will study energy, mechanics, heat, light, electricity, and atomic physics. These topics will be investigated with lab work, discussion, and through writing.

### **AP (Advanced Placement) Physics I - SC2501 & SC2502**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Algebra II  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** The intent of this course is to introduce students to the principles and methods of physics and to show them how these principles are applied in order to explain the phenomena of the physical world. The inquiry-based laboratory experiences and demonstrations will give the students insight into how experimentation leads to the discovery of new scientific principles. Cooperative attitudes will be nurtured through the use of group activities. In addition to the knowledge base developed in physics, use of computer technologies are integrated throughout the entire course. The use of these technologies is intended to impart the following specific skills: ability to use a Web browser to access online information; ability to use bulletin boards; ability to download files; and ability to use software packages for data acquisition and analysis.

### **Anatomy/Physiology - SC1301 & SC1302**

**Elective**      **Grade Level:** 11<sup>a</sup>-12<sup>a</sup>      **Prerequisites:** Biology and Chemistry  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This is an upper-level elective that is designed as a preparatory course for college-bound students interested in pursuing a career in a health or medical-related field. Anatomy is the study of the parts of the human body, and physiology is a study of how those parts work. The course begins on a cellular level, and moves to a study of the tissues and organ systems. Students need to have a strong biology and chemistry background coming into this course, as well as be proficient in note taking. There is a lot of reading involved, and there will also be several labs to be completed with extensive lab reports. This course does involve direct study of anatomy/physiology through activities such as dissections and a trip to a college lab to view human cadavers.

### **Astronomy - SC1401**

**Elective**      **Grade Level:** 11<sup>a</sup>-12<sup>a</sup>      **Prerequisites:** Algebra I  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This is an upper-level elective. Students will study the characteristics of planets, stars, and galaxies. They will also explore our place in our solar system and the universe through the study of the history of astronomy, the design and use of astronomical tools, and ideas of modern cosmology.

### **Environmental Science - SC1801**

**Elective**      **Grade Level:** 11<sup>a</sup>-12<sup>a</sup>      **Prerequisites:** Biology  
**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** Environmental science is an upper-level elective in which students will demonstrate an understanding of the diverse interrelationships that organisms have with each other and their environment. They will also address the political and economic implications of the allocation of limited resources. Students will research and discuss problems with populations, communities, and ecosystems. They will also trace the movement of energy through the ecosystem.

### **Principles of Biomedical Science – SC2100**

**Elective**      **Grade Level:** 9<sup>th</sup>-12<sup>th</sup>      **Prerequisites:** None  
**Length:** One Semester/Two Periods      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

### **Human Body Systems – SC2101**

**Elective**      **Grade Level:** 9<sup>th</sup>-12<sup>th</sup>      **Prerequisites:** Principles of Biomedical Science  
**Length:** One Semester/Two Periods      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** In the second course of the PLTW Biomedical Science program, students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

### **Medical Interventions – SC2102 & SC2103**

**Required**      **Grade Level:** 11<sup>th</sup> – 12<sup>th</sup>      **Prerequisites:** PBS and HBS or Anatomy and Physiology  
**Length:** Two Semesters      **Credit:** 1 Science Credit OR 1 CTE Credit  
**Cluster:** Health Science

**Description:** Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. The decision to take the course for a science or CTE credit will be made within the first week of the course in class and will require parental approval.

## Social Science Department

### Geography - SS1101

**Required**      **Grade Level:** 9

**Length:** One Semester

**Prerequisites:** None

**Credit:** 0.5 Credit

**Description:** This course will consist of the study of geography, with the geographic components revolving around the five fundamental themes of geography and the nationally recognized standards for geography. The emphasis of the course is on geography and climate and their impact on the development, history and government, culture and lifestyle, and contemporary society of a region.

### Honors Geography - SS1201

**Elective**      **Grade Level:** 9

**Length:** One Semester

**Prerequisites:** See Honors Admissions, Summer reading

**Credit:** 0.5 Credit

**Description:** This course will consist of the study of geography, with the geographic components revolving around the five fundamental themes of geography and the nationally recognized standards for geography. The emphasis of the course is on geography and climate and their impact on the development, history and government, culture and lifestyle, and contemporary society of a region. Course requirements will include supplemental readings, analytical writing assignments, and project-based learning opportunities.

### World History - SS1102

**Required**      **Grade Level:** 9

**Length:** One Semester

**Prerequisites:** None

**Credit:** 0.5 Credit

**Description:** This course covers pre-historic to modern times in both western and non-western worlds. Topics include: the rise of civilization, political, social and economic developments of the Middle Ages, the Renaissance and era of discovery, the growth of democracy and nationalism, the industrial revolution, and the two world wars.

### Honors World History - SS1202

**Elective**      **Grade Level:** 9

**Length:** One Semester

**Prerequisites:** See Honors Admissions, Summer reading

**Credit:** 0.5 Credit

**Description:** This course covers pre-historic to modern times in both western and non-western worlds. Topics include: the rise of civilization, political, social and economic developments of the Middle Ages, the Renaissance and era of discovery, the growth of democracy and nationalism, the industrial revolution, and the two world wars. Course requirements will include supplemental readings, analytical writing assignments, and project-based learning opportunities. Admission to the class will be limited to those students earning at least an 85% in 7<sup>th</sup> and 8<sup>th</sup> grade Social Studies classes, or by consent of the instructor.

### American History - SS1301 & SS1302

**Required (or AP US History with prior approval)**

**Grade Level:** 10 or 11

**Length:** Two semesters

**Prerequisites:** World History & Geography

**Credit:** 1 credit

**Description:** This course is designed as a concentrated study of our nation from post-American Civil War to the present. The purpose of the course is to make students aware of past events so they can have a better understanding of present events. Critical thinking and writing will be emphasized. Current issues will be discussed and evaluated in their historical context.

### **AP (Advanced Placement) United States History - SS2101 & SS2102**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Summer Reading Assignment

**Length:** Two semesters      **Credit:** 1 credit

**Description:** This course is meant to be the equivalent of a college freshman level American history course. The course prepares students to take the AP exam (optional), which can earn students college credit. It is a two semester survey of American history from the earliest explorations to modern times. Emphasis is placed on critical and evaluative thinking skills, essay writing, primary document analysis, and historiography. Students are required to read outside novels (including a summer book reading) and perform outside research independently. Students are required to write numerous historical and analytical essays.

### **Government - SS1401**

**Required**      **Grade Level:** 11-12      **Prerequisites:** American History

**Length:** One Semester      **Credit:** 0.5 credit

**Description:** Government examines the origins of American government as well as its current structure and administration. The main branches of the government are explored, as well as, state and local governments.

### **Criminal Justice Today - SS1801**

**Elective**      **Grade Level:** 10-12      **Prerequisites:** None

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This course uses interactive methods to give students a practical understanding of law and our legal system while focusing on legal issues relevant to students' lives and developing knowledge and skills essential in our law-oriented society.

### **International Affairs - SS1501**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** American History or AP US History

**Length:** One Semester      **Credit:** 0.5 Credit

**Description:** This course familiarizes students with the various issues and news events taking place in the world and how these events affect our lives. Local, state, national and world news items will be featured. The major objectives are to promote inquiry through presentation and debate of conflicting viewpoints and to assign students to discover and reflect upon societal problems relevant to their lives. It will provide opportunities to apply techniques of investigation and inquiry to the study of significant problems or issues.

### **Psychology - SS1601**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Biology

**Length:** One semester      **Credit:** 0.5 Credit

**Description:** In this course students will learn about basic research methods, human development from birth to old age, the anatomy of the brain and its influence on behavior, sensation and perception, intelligence, and psychological disorders.

### **AP (Advanced Placement) Psychology - SS2501 & SS2502**

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Biology & Summer Reading Assignment

**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This is a challenging course that is meant to be the equivalent of a college freshman level Psychology survey course. This course is aimed at preparing students for the AP Psychology exam (optional), which can earn students college credit. Students will explore the history and theoretical basis of psychology, relationships between human biology and human behavior, theories of development and mental disorders and therapies. An emphasis is placed on critical thinking skills, essay writing, and research methodology. Students will be required to write numerous essays and perform research projects, including a summer reading assignment.

**African American History - SS2002****Elective**      **Grade Level:** 10-12      **Prerequisites:** None**Length:** One Semester      **Credit:** 0.5 Credit**Description:** In this course students learn of the perseverance, bravery, and achievements of African-Americans throughout United States history and of the continuing impact of African-Americans on life in the United States at the turn of the twenty-first century.**American History and Film - SS2201****Elective**      **Grade Level:** 11-12      **Prerequisites:** American History or AP US History**Length:** One Semester      **Credit:** 0.5 Credit**Description:** This course offers an exploration of United States cultural and social history through the medium of film and other mediums of mass culture. Students will be asked to rethink the relationships between "reality" and "representation" and to re-conceptualize the boundaries between history and film.**Sociology - SS1602****Elective**      **Grade Level:** 11-12      **Prerequisites:** None**Length:** One semester      **Credit:** 0.5 Credit**Description:** In this course students will learn about the basis of culture, social structure, deviance, and group behavior through the lens of basic theoretical perspectives of sociology.

## World Language Department

### American Sign Language I - FL1401 & FL1402

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** ASL 1 is a beginning level course in American Sign Language (ASL). In this course students will be introduced to the sign language alphabet; sign language numbers; correct grammar and syntax; and Deaf Culture. A great portion of the class will be spent developing the vocabulary needed to communicate effectively in ASL. Students in this class will work on developing both the expressive and receptive aspects of ASL.

### American Sign Language II - FL1404 & FL1405

**Elective**      **Grade Level:** 10-12      **Prerequisites:** American Sign Language I  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** ASL 2 is a mid-level course in American Sign Language (ASL). In this course we continue to develop the skills introduced in ASL 1. We focus on developing an appreciation for the unique Deaf Culture; expanding ASL vocabulary; use of correct sentence structure; and the enhancement of conversational skills. Students in ASL 2 are introduced to the use of noun-verb pairs and special organizational techniques used in American Sign Language.

### American Sign Language III- FL1406&1407

**Elective**      **Grade Level:** 11-12      **Prerequisites:** American Sign Language II and Teacher Approval  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** ASL 3 is an advanced-level course in American Sign Language (ASL). In this course we continue to expand the skills learned in ASL 2. We focus on increasing vocabulary, developing everyday conversational skills, and improving the ability to make formal presentations in ASL. We will introduce the skill of translation from written text into ASL. THIS CLASS WILL BE CONDUCTED IN ASL ONLY. NO TALKING WILL BE PERMITTED DURING THIS CLASS.

### Spanish I - FL1101 & FL1102

**Elective**      **Grade Level:** 9-12      **Prerequisites:** None  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** This course is an introduction to the Spanish Language and culture. Students will be introduced to Spanish reading, writing, listening and speaking skills. Students will be able to pronounce Spanish, comprehend Spanish on a beginner's level, and write short dialogues in Spanish. Students will study the culture of the Spanish-speaking world.

### Spanish II - FL1201 & FL1202

**Elective**      **Grade Level:** 10-12      **Prerequisites:** Spanish I  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** In this course students will continue to improve reading, writing, listening, and speaking skills in Spanish. Students will continue to learn about Spanish-speaking countries, their histories, and cultures through research and presentations.

### Spanish III - FL1301 & FL1302

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Spanish II  
**Length:** Two Semesters      **Credit:** 1 Credit

**Description:** Students will continue to improve reading, writing, listening, and speaking skills. We will review and continue studying the grammatical structure learned in Spanish I and II, as well as, the thematic vocabulary and complex



sentence structures. Cultural topics will be integrated into the curriculum. Emphasis is on communication and reading comprehension in Spanish.

## Capstone/Senior Experience

### Youth Internships - CTE1101

**Elective**      **Grade Level:** 12

**Length:** One Semester, 2 periods

**Prerequisites:** MUST HAVE A CURRENT DRIVERS LICENCE

**Credit:** 1 Credit

**Description:** Students will complete one quarter of a Career Exploration class. Through the process of self-exploration and career planning, students will learn how to match personal needs and expectations with satisfying career options. Students will complete a cover letter, resume and career research paper as part of the career exploration.

The other quarter will be spent at a job site completing hands-on training. This will allow students the opportunity to consolidate and apply the learning from their career exploration into a meaningful and relevant on-the job experience. It is their venue to connect with the world outside of school and to gain the skills to go on to further education and/or enter the workforce.

### Entrepreneurship Experience – CTE1201

**Elective**      **Grade Level:** 12

**Length:** One Semester, 2 periods

**Prerequisites:** MUST HAVE A CURRENT DRIVERS LICENCE

**Credit:** 1 Credit

**Description:** Entrepreneurship Experience provides students with the opportunity to develop the skills needed to establish a business. Through hands-on projects, students gain skills to be successful in the workplace. These skills can include, but are not limited to, meeting timelines, making decisions, conducting research, and preparing and making presentations. Students study, research and prepare a business plan that illustrates the practicality of their particular business. Both school and business mentors assist students in the process of developing a business plan. Students present this plan to a panel of community representatives and/or business leaders and are evaluated on the business plan, project portfolio and their presentation.

### Youth Apprenticeship Experience – CTE1301

**Elective**      **Grade Level:** 12

**Length:** One Semester, 2 periods

**Prerequisites:** MUST HAVE A CURRENT DRIVERS LICENCE

**Credit:** 1 Credit

**Description:** Youth Apprenticeship helps students gain work experience while earning a wage with a registered sponsor\*. An apprenticeship is designed for students to acquire hands-on job skills in a specific occupational area. Their experience will be gained through a career site and classroom instruction. Students earn high school credit as well as hours towards a registered apprenticeship. At the completion of the high school apprenticeship program, students can continue their apprenticeship to earn a nationally recognized credential. Youth apprenticeship differs from an internship in that apprenticeships guarantee students receive a wage, hours towards a registered apprenticeship and the opportunity to receive a nationally recognized credential at the completion of the registered apprenticeship program.

### Service Learning – CTE1401

**Elective**      **Grade Level:** 12

**Length:** One Semester, 2 periods

**Prerequisites:** MUST HAVE A CURRENT DRIVERS LICENCE

**Credit:** 1 Credit

**Description:** Service Learning utilizes a flexible method of teaching and learning that applies academic and real world skills to create meaningful youth led experiences with community partnerships. The goal of service learning is to empower youth to become engaged in their personal, social, and working lives. Capstone: Service Learning is a course which blends academic learning with career interests and pathways while engaging students in service. Capstone: Service learning is more than community service or volunteerism. Students engage in a project that is carried out over an extended period of time and that mutually benefits the student and community.

### Senior Experience - CTE1501

**Required**      **Grade Level:** 12

**Prerequisites:** **MUST BE A SENIOR**

**Length:** Two Semesters

**Credit:** 1 Credit

**Description:** The purpose of the project is to allow the student to demonstrate the knowledge and maturity that he/she has gained during the course of his/her education. The project must be a “learning stretch,” meaning that it must go beyond what one already knows or has experienced. The Senior Experience is a three-part process consisting of a research paper, a project/product that is an extension of the research, and an oral presentation. The topic of this experience is chosen by the student. This course is a yearlong senior course and required for graduation.

## Dual Credit Courses on Tea Area High School Campus

**General Information:** These dual credit courses are offered on the Tea Area High School Campus and will be administered by a college / technical teacher. Dual Credit is an opportunity for high school students who meet admissions standards to enroll in public postsecondary institutions in South Dakota and earn both high school credit and postsecondary credit. High school credit is transcribed on a 4.2 scale. Must be Junior or Senior and meet admissions requirement. See school counselor for further information.

### STI Math 100 Dual Credit– MA100

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Geometry  
**Length:** 1 Semester (M-W-F)      **Credit:** .5 credit / 3 college credits

**Description:** A course covering concepts and applications of mathematics that includes the arithmetic order of operations, percent problems, descriptive statistics and graphing, algebraic manipulations, solving linear equations, formula rearrangement, word problems, measurement, and applied plane and solid geometry. This course satisfies the institution's general education requirements for mathematics, but is not a transfer course. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

### STI Student Success 100 Dual Credit– SSS100

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Dual credit requirements  
**Length:** 1 Semester (T-Th)      **Credit:** .5 credit / 2 college credits

**Description:** Offered during the same time slot as Math 100 dual credit course, this course provides students with tools and techniques that will help them be successful in their program of study. The course focuses on interactive exercises which will help the learner identify personal strengths, learning styles, and support resources. Reading and study techniques will also be practiced. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

### Career Seminar Dual Credit– SLPA103

**Elective**      **Grade Level:** 11-12      **Prerequisites:** Dual credit requirements  
**Length:** 1 Semester (T-Th)      **Credit:** .5 credit / 2 college credits

**Description:** SLPA 100 is a 1-credit course intended to assist you in the transition to life as a college student. In addition to helping you make connections to faculty, staff, resources, & other students, we will help you practice your critical thinking, problem solving, & writing skills. These are skills that all of your professors will expect you to utilize. You'll find the expectations, coursework, homework, thinking, & problem solving very different in college from your high school experience, and this course will help you prepare for the transition. Content will be delivered through class lessons, group activities, & assignments that will help you transition to life as a successful college student. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

### MATH 102 College Algebra Dual Credit – MA102

**Elective**      **Grade Level:** 12      **Prerequisites:** GPA 3.25 or high and a Math ACT score of 20 or higher  
**Length:** 1 Semester (M-W-F)      **Credit:** .5 credit / 3 college credits

**Description:** Equations and inequalities; polynomial functions and graphs, exponents, radicals, binomial theorem, zeros of polynomials; systems of equations; exponential, logarithmic, and inverse functions, applications and graphs. Other topics selected from sequences, series, and complex numbers. Prerequisites: GPA of 3.5 or better and an ACT Math score of 20 or better.

**Dual Credit ENGL 101 Composition I – ENGL101****Elective****Grade Level:** 12<sup>th</sup>**Prerequisites:** GPA of 3.25 or better and ACT English

score of 20 or better.

**Length:** One semester**Credit:** 0.5 credit / 3 college credits**Description:** Practice in the skills, research, and documentation needed for effective academic writing. Analysis of a variety of academic and non-academic texts, rhetorical structures, critical thinking, and audience will be included.

Prerequisites: GPA of 3.5 or better and ACT English score of 20 or better. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

**Dual Credit ENGL 210 Introduction to Literature – ENGL210****Elective****Grade Level:** 12<sup>th</sup>**Prerequisites:** English 101**Length:** One semester**Credit:** 0.5 credit / 3 college credits**Descriptions:** Readings in fiction, drama, and poetry to acquaint students with literature and aesthetic form.

Prerequisites: ENGL 101. This is a dual credit course offered on TAHS campus and registration for this class needs to be completed with the school counselor.

## CTE Academy Courses

### Career and Technical Education Academy Courses

**Description:** TAHS currently holds 20 spots at the Sioux Falls CTE Academy. The CTE Academy offers technical courses through hands-on learning opportunities. TAHS students apply for the CTE Academy each year. CTE is available to juniors and seniors. TAHS provides transportation for the first block of classes. Students depart the high school at 7:15 a.m. and return for 3rd period. Students who choose a class during the 3rd block will be out of the school for periods 6-8. They are responsible for their own transportation, if they opt for a class during the 3rd block. TAHS does not permit students to take CTE classes during the 2nd block.

#### **Course Offerings**

- Course offerings and information can be found on the [CTE Academy homepage](#).

## SILDL (Distance Learning) Courses (Subject to Change)

### MMC College Courses

**Description:** These college level courses are taken either online or through the Dakota Digital Network (DDN). DDN courses are streamed live with a teacher. These courses are ‘dual credit’ meaning a student receives high school credit (.5) and college credit at the same time. Students can replace high school elective or required courses with dual credit courses, on a 4.2 GPA scale. These courses are open to juniors and seniors that meet admissions criteria.

**Teacher:** Instructors hired by Mount Marty College and taken over the DDN network, live with the teacher. Courses may also be offered online.

**Level:** These are *college courses*, not open to underclassmen.

#### **Prerequisites:**

**--In order to take these courses, students must meet two of the following:**

- A. 3.0 cumulative grade point average.
- B. Minimum grade of B in coursework related to the college course
- C. ACT score of at least 21 in the content area subtest
- D. Rank in the top ½ of the class

#### **Courses and Times:**

See counselor for courses and times.

### SILDL High School Courses

**Description:** These hybrid courses (online using local area teachers) are self-paced, yet rigorous and are taught and monitored by certified teachers. These courses are free with the exception of some course materials may be needed.

#### **Course Offerings (May Change)**

- Agribusiness

- Anatomy and Physiology
- Natural History
- Physics
- Comprehensive Creative Art
- Accounting 1 and 2
- Digital Media
- Service Learning
- Spanish 1 and 2

Note: If TAHS offers an above course in house, we will place student in 'in house' course, unless extenuating circumstances.

## NSU Center for Statewide E-Learning

### AP Learning Power

**Description:** These online AP courses are for public high school students. The Learning Power AP coursework will be challenging so a solid academic background in the identified content area will be essential. The course is free, but there is a fee for taking the test.

#### **Course Offerings**

- AP Biology
- AP Calculus AB
- AP Chemistry
- AP English/Language and Composition
- AP English/Literature and Composition
- AP Physics B
- AP Statistics

## On-Line DUAL CREDIT COURSES

### Dual Credit Courses

**Description:** Dual Credit is an opportunity for high school students who meet admissions standards to enroll in public postsecondary institutions in South Dakota and earn both high school credit and postsecondary credit. High school credit is transcribed on a 4.2 scale.

**Prerequisites:** Must be Junior or Senior and meet admissions requirement. See school counselor for further information..

**Course Offerings:** Please visit <http://apps.sd.gov/de68dual/index.html> for course offerings. There are over 800 possible online courses (taken at Connections Academy), Southeast Technical Institute and University Center courses available.

**Location:** Students can take courses at the University Center or Southeast Technical Institute. Students can also take online courses from any of the SDBOR Institutions at Tea Area High School through the Connections Academy.