

# **Draft Course Description Book (Red means delete) (Green means new/added)**

Stratford High School  
Stratford, WI  
for the 2022-2023 School Year



# **TIGERS**



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## **DISTRICT NONDISCRIMINATION STATEMENT**

The School District of Stratford is committed and dedicated to the task of providing the best education possible for every student in the district for as long as the student can benefit from attendance and the student's conduct is compatible with the welfare of the entire student body.

The right of the student to be admitted to school and to participate fully in curricular, extracurricular, student services, recreational or other programs or activities, including career and technology education programs, shall not be abridged or impaired because of a student's sex, race, national origin, color, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap or physical, mental, emotional or learning disability.

The Stratford School District utilizes a variety of screening tools and assessments to identify students who may not be meeting an expected rate of progress which may warrant placement in a remedial course or similar interventions.

Students who have been identified as having a handicap or disability, under Section 504 of the Rehabilitation Act or the Americans with Disabilities Act, shall be provided with reasonable accommodations in educational services or programs. Students may be considered handicapped or disabled under this policy even if they are not covered under the district's special education policies and procedures.

The district shall also provide for the reasonable accommodation of a student's sincerely held religious beliefs with regard to examinations and other academic requirements. Requests for accommodations shall be made in writing and approved by the building principal. Accommodations may include, but not necessarily be limited to, exclusion from participation in an activity, alternative assignments, release time from school to participate in religious activities and opportunities to make up work missed due to religious observances. Any accommodations granted under this policy shall be provided to students without prejudicial effect.

The Stratford School District does not discriminate on the basis of sex, race, national origin, color, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap or physical, mental, emotional or learning disability. The following person has been designated to handle inquiries regarding non-discrimination policies: Scott Winch, Superintendent, PO Box 7, 213311 Legion Street, Stratford, WI 54484, 715-687-3130, scwinch@gapps.stratford.k12.wi.us

## **NON-DISCRIMINATION COMPLAINT PROCEDURE**

Any complaint regarding the interpretation or application of the district's equal educational opportunities policy shall be processed in accordance with the following complaint procedures. An opportunity for resolution of the complaint on an informal basis shall be provided before a formal complaint is filed. For the informal resolution of a complaint, the district administrator or designated alternate shall act as a facilitator if the complainant wishes to resolve the matter short of a full investigation. If satisfactory resolution does not take place then a formal investigation shall be conducted unless otherwise agreed to by the complainant and the district administrator or designated alternate.

### **Formal Complaint Procedures**

1. Any student, parent/guardian or resident of the district complaining of discrimination on the basis of sex, race, national origin, color, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, handicap or physical, mental, emotional or learning disability in school programs or activities shall report the complaint in writing to the district administrator or designated alternate.
  - a. Discrimination complaints relating to the identification, evaluation, educational placement or the provision of free appropriate public education of a child with disabilities shall be processed in accordance with established appeal procedures outlined in the district's special education handbook.
  - b. Discrimination complaints relating to the programs specifically governed by federal law or regulation shall be referred directly to the State Superintendent of Public Instruction.
2. The district administrator or designated alternate, upon receiving such a written complaint, shall immediately undertake an investigation of the suspected infraction. The district administrator or designated alternate shall review the facts comprising the alleged discrimination with the appropriate persons. Within 15 days after receiving the complaint, the district administrator or designated alternate shall decide the merits of the case, determine the action to be taken, if any, and report in writing the findings and the resolution of the case to the grievant.
3. If the grievant is dissatisfied with the decision of the district administrator or designated alternate, the decision may be appealed in writing to the Board. The Board shall hear the appeal at its next regular meeting, or a special meeting may be called for the purpose of hearing the appeal. The Board shall make its decision in writing within 15 days after the hearing. Copies of the written decision shall be mailed or delivered to the grievant and the district administrator or designated alternate.
4. If the grievant is dissatisfied with the Board's decision, the decision may be appealed in writing to the State Superintendent of Public Instruction.

Title IX Coordinator: Scott Winch

504 Coordinator: Scott Winch

Clerk of the Board: See district webpage for current clerk

Superintendent of Schools: Scott Winch

## **REQUIRED CREDITS FOR GRADUATION FROM SHS**

<b>Content</b>	<b>Credits Required</b>	<b>Courses Required</b>
English	4	English I, English II, English III (formerly English 9, 10, and 11)
Social Studies	3	US History, American Government, World History
Math	3	
Science	3	Biology
Health	.5	
Physical Education	1.5	Physical Education 9 Co-ED
Personal Financial Literacy	.5	Financial Literacy OR Consumer Math Sem 2 OR Independent Living
Electives –	10.5	Options include Agriscience, Art, Business and Info Technology, Family and Consumer Sciences, Industrial Technology and Engineering, Music, World Language and additional courses in any core content area
<b>TOTAL</b>	<b>26</b>	

- There may be exceptions made to the required courses, in special circumstances.
- Computer Applications is highly recommended for all students
- Four years of math are highly recommended for all students

### **MINIMUM PROGRAM REQUIREMENTS FOR FULL TIME STATUS**

Each student is required to take a minimum of six and a half (6.5) credits for the year to be considered a full time Stratford High School student. Exceptions to this requirement may include for seniors requesting a six credit year, with principal approval or specified by an IEP, 504 or EL plan.

All students also need to complete the following for graduation requirements from  
Stratford High School

WI Citizenship Exam

ACP - Academic and Career Plan requirements

verified by SHS Counselor

## **SELECTING A PROGRAM**

In the process of selecting a program, each student should consider his or her own personal needs, interests, skills obtained and skills to develop, personal values, abilities and academic strengths. Consideration should be given to the previous work experiences and future career plans of the student. Student ACP (Academic and Career Planning) is critical in documenting and facilitating these components. ACP is a student-driven, adult, classroom and advisory activities supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career management and planning skills. (<http://acp.dpi.wi.gov/>)

Although it may seem like a long time before graduation it is important for students to consider what post-secondary options they intend to pursue. The student who plans to attend a two or four year college should check the requirements and program availability for college entrance specific to the post-secondary institutions of interest. This information may be obtained directly from the college or university or a high school counselor. Students who plan to enter the military, other training programs or the workforce are encouraged to pursue the skills in high schools needed to become career ready. Military representatives visit school often, and also by appointment, for those interested in exploring additional information.

### **UNIVERSITY ADMISSIONS**

Colleges and universities establish admission standards based on a combination of factors including ACT and / or SAT scores, class rank (typically a minimum of top 50% and many require higher rank), rigor of high school courses taken, grade point average, involvement in activities, community service activities and other factors believed to be a benefit to that institution. SAT information is available at <https://collegereadiness.collegeboard.org/sat>

All Wisconsin public school students are required to take the ACT as part of the state assessment system in the spring of the junior year. The scores from this administration of the ACT can be used for college entrance, with ACT approved accommodations if part of a student's IEP (individual education plan). A student may choose to take the ACT prior to or after this testing for a total of 12 times, with the additional testing at the expense of the student. Students in Grades 9 and 10 will take the ACT Aspire, a prelude assessment to the ACT, which will provide information on skills necessary to build for a stronger ACT performance.

The following high school courses/credits should be considered the minimum for admission to a college or university. The UW-System maintains the website <http://uwhelp.wisconsin.edu> as a source of information for students, parents and other interested parties. Paper copies of the *Introduction to the UW System* booklet are also available in the counseling office. The private colleges in the state also have a website located at <http://www.privatecolleges-wisc.org/> and a paper booklet is available in the counseling office. These links and many other resources are also available on the district website through the Counseling Center link.

### **UW SYSTEM minimum requirements**

English	4 credits ( <i>literature and composition emphasis</i> )
Math	3 credits ( <i>Algebra and beyond</i> ) ( <i>4 is strongly recommended</i> )
History	3 credits
Science	3 credits ( <i>including Chemistry</i> )
Additional credits from above areas OR	4 credits
World Language, Fine Arts AND / OR Computer Sciences	

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17 academic credit minimum

- UW Madison requires 2 credits (recommends 3-4) of a single foreign language as an admissions requirement from the additional credits category. Foreign language is strongly recommended for two or three years at other UW campuses either during high school or post-secondary training.

## **TECHNICAL COLLEGE ADMISSIONS**

Each technical college establishes its own admission criteria. The admission requirements for the same program differ from technical college to technical college, as well. It is advantageous to understand the policies of each technical college and program requirements. Technical colleges grant admission to programs on a first come first serve basis and some programs have a waiting list because the program is filled to capacity. In this case, applicants have to wait until an opening occurs. Applying early is essential. NTC will take applications as soon as the junior year is complete, while others may not accept applications until a specific date in the senior year. See your counselor for information and assistance.

Technical colleges typically accept ACT scores for admissions; however, some may require additional test results. Contact the specific technical college for their admissions requirements. Technical colleges are, in many instances, as challenging as universities and success in a technical college depends on a strong high school background. The following should be considered the minimum credits to be earned in each subject area. More information is available from your school counselor, on the district website and the Wisconsin technical colleges' site. <http://www.wistechcolleges.org/>

### **Technical College Recommended Preparatory Course Work**

English	4 credits (emphasis in work related writing skills)
Math	3 credits (senior year -4th credit math recommended)
Science	3 credits (Chemistry for health related fields)
Social Studies	3 credits
Technical Courses	3-4 credits
Example: business, family and consumer ed., computers, technology, agriculture, health, and financial	

**Math and English** skills are tested for admissions at universities as well as technical schools.

**Costs of Further Education:** Contact the specific institution regarding fees and tuition costs for their institution. Discuss with admissions any out of state tuition issues and possible agreements regarding Wisconsin residents.

### **UNITED STATES MILITARY**

Military branches offer many opportunities for students following high school that offer training while serving our nation. Military representatives are often available at school and by personal appointment. Visit <https://www.defense.gov/About/Military-Departments/Uniformed-Services/> or see your school counselor to assist you with contact information.

### **APPRENTICESHIP and CERTIFICATION PROGRAMS**

Adult apprenticeship programs are opportunities for employment and training while working under a certified apprentice. Certification programs require training and an assessment or licensing process for particular career paths. See your school counselor for information on adult apprenticeship and certification programs.



## **VISITS FROM POST-SECONDARY REPRESENTATIVES**

Representatives for specific institutions visit school often. Dates are posted in the MS/HS announcements on the district website. Please consider meeting with them to address specific program and admissions questions. Parents / guardians are encouraged to meet with the representatives with the student, as well.

## **OPPORTUNITIES FOR COLLEGE CREDIT WHILE IN HIGH SCHOOL**

**The Early College Credit Program (ECCP)** statute allows public and private high school students to take one or more courses at an institution of higher education for high school and/or college credit. Under this section, “institution of higher education” or IHE, means an institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. While technical colleges are not eligible institutions under ECCP, pupils that have completed 10<sup>th</sup> grade will have the option to take courses at technical colleges through a separate statute called **Start College Now (SCN)**.

Under ECCP and SCN, a student will not have to pay for a college course if the school board determines the course qualifies for high school credit and is not comparable to a course already offered in the school district. If the course is approved by the school board, the student can receive both high school and college credit upon successful completion of the course. Applications are available in the Stratford High/Middle Counseling Office and on the district ACP or Counseling Center websites. Deadlines for submitting all necessary paperwork are October 1st (Spring Semester) and March 1st (Fall Semester) to the Stratford Board of Education.

While ECCP and SCN courses are eligible for post – secondary credit, they may or may not be accepted by the post-secondary institution of your choice and/or the program of your choice as a transfer credit. You may go to the Transfer Information System site <http://www.wisconsin.edu/transfer/> to check courses for specific post-secondary institutions or contact the institutions for additional information. Additionally, course names/numbers and credit values earned at the high school level and the post-secondary level for the same course may be different depending upon the course and course length. Per Stratford Board of Education policy, 24 credits maximum are eligible for district sponsored tuition funding through SCN and ECCP combined credits.

Students are encouraged to consider taking university, technical college, and or Distance Learning classes during their junior and senior year. The Stratford School District offers and covers the cost for a variety of classes, many of which provide both high school and post-secondary credits. If a student decides to drop the class after the drop deadline, fails to receive a passing grade for the class, or is removed for behavior reasons (such as interfering with the ability of other students to learn or of the instructor to teach,) the student and/or parent/guardian is liable for the cost of the class. If post-secondary credit is not earned due to a grade that is passing by high school standards but does not meet the post-secondary criteria, the student and/or parent may be liable for the cost of the course credits. The high school principal will give final approval for students requesting Distance Learning (DL) classes. Some courses are offered through the CWETN (Central Wisconsin Educational Technology Network) and some are offered through other programs. There may be minimum GPA or pre-requisite course requirements for participation in some of these courses. See the individual course descriptions for this information.

For more information on the ECCP please refer to the WI DPI (Dept of Public Instruction) website:  
<https://dpi.wi.gov/dual-enrollment/eccp>

For more information on the SCN program please refer to the WI Technical College site:  
[https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-\(formerly-youth-options\)](https://mywtcs.wtcsystem.edu/student-success/career-prep/new-start-college-now-(formerly-youth-options))

## **COURSE DESCRIPTIONS BY DEPARTMENT**

- Courses listed are *POSSIBLE* but may not be offered due to time conflicts, number of registrants, course costs or other.
- Fees are subject to change with Board of Education approval of the student fee schedule in the spring.

### **AGRISCIENCE**



Courses Required For Graduation From This Department: None

There are agriscience courses that may meet a science equivalency for graduation requirements. Agriscience courses generally fall within the ELECTIVES category.

#### **AGRISCIENCE EXPLORATORY**

Course #: 18001G  
 HS Credit: .5  
 Duration: Semester  
 Grade(s): 9-12  
 Fee: \$10 for labs  
 Prereq: None

Learn about the importance of agriculture to everyone. This course is an excellent way to be introduced to the many different aspects of agriculture. Explore Food Products and Processing, Animal Systems, Plant Systems, and Natural Resource Systems through labs and inquiry. Careers, Supervised Agricultural Experiences, and FFA opportunities to build your ACP will also be explored.

#### **BIOTECHNOLOGY AGRISCIENCE EXPLORATORY**

Course #: 18308G  
 HS Credit: .5  
 Duration: Semester  
 Grade(s): 9-12  
 Fee: \$10 for labs  
 Prereq: None

Learn about the importance of global agriculture and sustainability. Topics will include learning biotechnology through the diversity of agriculture, scientific method of problem solving agricultural problems, plant science, food production, and natural resources.

#### **EQUINE SCIENCE**

Course #: 18104G  
 HS Credit: .5  
 Duration: Semester  
 Grade(s): 9-12  
 Fee: None  
 Prereq: None

Offered on an every other year basis, this course deals with the horse industry. Topics will include: employment trends, career opportunities, equine terminology, historical evolution of horses, breeds, anatomy, behavior and safety and grooming. Other topics include health care, nutrition, reproduction, genetics judging, transportation, facilities, equipment, and training methods  
 \*Offered Odd Grad Years (2022-2023 and 2024-2025)

ANIMAL SCIENCE & TECHNOLOGY		Units in animal science include History of Animal Domestication, Genetics, Animal Anatomy and Physiology, Nutrition, Livestock, Selection, and Animal Behavior. This is a great course for students interested in life sciences. Students will work with animal care in the animal lab.
Course #:	18101G	
HS Credit:	.5 or .75*	
Duration:	Semester	
Grade(s):	10-12	
Fee:	None	
Prereq:	None	
NTC#:	10-091-104	<i>*Pending NTC Dual Technical College Credit when completing SHS program requirements and meeting post-secondary program requirements for Grades 11 and 12.</i>
NTC cred:	3*	

VET MED TECHNOLOGY		Explore parts of the veterinary field by learning basic veterinary terminology and identifying veterinary equipment. Develop an understanding of acceptable veterinary medical terminology for common clinically recognizable diseases, operations, systems and procedures. Medical terms and language is covered as it relates to the animal's body as a whole. Hands-on labs of injections, sutures, organ exploration, and animal interactions, will help learners retain knowledge. Beneficial for those pursuing a career in a variety of medical fields as well as agricultural fields. --Pending state approval for Science Equivalent (SE) credit--
Course #:	18105G	
HS Credit:	.5 or .75*	
Duration:	Semester	
Grade(s):	10-12	
Fee:	None	
Prereq:	None	
NTC#:	10-091-102	<i>*Pending NTC Dual Technical College Credit when completing SHS program requirements and meeting post-secondary program requirements for Grades 11 and 12.</i>
NTC cred:	3*	

ENVIRONMENTAL SCIENCE		This semester will focus on understanding natural resources, land management/ownership, environmental processes, forestry, ecology, white-tailed deer management and energy systems.  This course does meet a science credit requirement for graduation.
Course #:	18005G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	10-12	
Fee:	None	
Prereq:	None	

WILDLIFE & FISH		
Course #:	18505G	
HS Credit:	.5	
Duration:	Semester	This semester will focus more specifically on wildlife management, taxidermy, habitat construction, water cycle and quality, marine biology, aquaculture and fish management.
Grade(s):	10-12	
Fee:	\$10 for labs	
Prereq:	None	

HORTICULTURE		Gain a strong foundation of soil and plant science concepts by working with all types of plants both indoor and outdoor. Design corsages and floral arrangements, build hydroponic systems and terrariums, start new plants from cuttings, make wreaths, and learn about greenhouse operations. Outdoor labs may include landscaping projects around the school and community, raised bed gardens, and high tunnel gardening. --Approved for state Science Equivalent (SE) credit--
Course #:	18052G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	10-12	
Fee:	None	

**Prereq:**

None

*\*Pending NTC Dual Technical College Credit when completing SHS program requirements and meeting post-secondary program requirements for Grades 11 and 12.*

**NTC#:**

10-093-101

**NTC cred:**

1\*

### **HORTICULTURE ADVANCED**

**Course #:** 18052E  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 11-12  
**Fee:** None  
**Prereq:** Horticulture

This course will take students deeper into the horticulture industry focusing on landscaping, golf course design, turf grass management, floriculture and floral design, learn about Bonsai, urban forestry, and horticulture entrepreneurship.

### **LEADERSHIP**

**Course #:** 18203G  
**HS Credit:** 1.0  
**Duration:** Year  
**Grade(s):** 10-12  
**Fee:** \$15 dues

Students need to demonstrate a sincere interest in helping a younger student and pursuing personal development. Students will develop leadership skills by exploring their own leadership styles, developing goal setting skills, communication skills, decision making, and team building. Students will use committees to plan and implement leadership projects within the school and community including working with elementary students, hosting community events, and developing positive programs within the middle and senior high school. FFA membership and participation in the FFA big brother/big sister Partners in Active Learning Support (PALS) program is required for the year. Recommendations from staff members can be attained by using the form available from Mrs. Wirkus. The recommendation forms need to be turned in to Mrs. Wirkus by April 24, 2020. State Leadership Certificate is possible.

**Prereq:**

Consent of Instructor and staff recommendations

### **BIOTECHNOLOGY AGRISCIENCE ADVANCED**

**Course #:** 18308E  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 10-12  
**Fee:** \$10 for labs  
**Prereq:** Ag Exploratory, Biotechnology

Students will explore the world of agriculture through self-determined activities. GMOs, Drones, and aquaponics are the future of feeding the world, but can we improve upon them? Students will design and implement agricultural experiments to learn about the many facets of agriculture including: animal growth and diseases, plant growth, wildlife ecology, agricultural mechanics, food science, forestry, aquaculture, biotechnology, precision agriculture, and genetic engineering. Choose topics that interest you and research and experiment the effects on agriculture.

### **DAIRY SCIENCE AND INDUSTRY**

**Course #:** 18103G  
**HS Credit:** .5  
**Duration:** Semester\*  
**Grade(s):** 10-12

Dairy Science and Industry course will include three areas: Introduction to Dairy, Introduction to Dairy Herd Management, and Introduction to Farm Business Management. Units would include: designing a dairy, monitoring herd health, managing milking parlors, and understanding financial records. Students can earn industry certificates for each of these 3 areas for course work.

**\*Offered Even Grad Years (2021-2022 and 2023-2024)**

<b>Fee:</b>	None
<b>Prereq:</b>	None

### AGRISCIENCE INDEPENDENT STUDY

<b>Course #:</b>	18997G
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester*
<b>Grade(s):</b>	11-12
<b>Fee:</b>	None
<b>Prereq:</b>	

Independent study options in Agriscience include: Animal Learning Center Manager, Aquaculture Lab Manager, Greenhouse Manager, Vet Science, Environmental Science and any other agriscience topic mutually agreed upon between student and instructor. \*\* Independent Study opportunities must be discussed ahead of time and granted approval **by the instructor.**

Admittance discretion of AgriScience Instructor, previous Ag course(s) and interested career pathway

Distance Learning Opportunities that may be available depending upon time class, room availability and number of students requesting the course - Offered at Stratford for grades 11 and 12 only with a few exceptions for Gr 10 possible with approval.

\*Some courses may be pending Dual Technical College Credit when completing SHS program requirements and meeting post-secondary program requirements.

\*Some Dual Credit options may require a digital textbook fee of approximately \$99 for a 1 time fee per semester

# **ART**



Courses Required For Graduation From This Department: None

## **2D ART FOUNDATIONS**

**Course #:** 05154G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** \$10  
**Prereq:** None

This course is for any student interested in learning the fundamentals of 2 dimensional art. This course assumes that everyone can and should learn basic artistic skills. Throughout the semester we will progress from the basics to more challenging subject matter and medium. Students will be encouraged to try new tactics while learning problem solving and outside of the box thinking. Materials include graphite, colored pencils, acrylic paint, and markers. If you previously completed a full year of Art I, you have already taken this course.

## **3D ART FOUNDATIONS**

**Course #:** ~~051543~~  
 05158G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** \$10  
**Prereq:** None

This course is for any student interested in learning the fundamentals of 3 dimensional art. This course assumes that everyone can and should learn basic artistic skills. Throughout the semester we will progress from the basics to more challenging subject matter and medium. Students will be encouraged to try new tactics while learning problem solving and outside of the box thinking. Materials include ceramics, sculpture, fibers, metals and glass. If you previously completed a full year of Art I, you have already taken this course.

## **2D ART INTERMEDIATE**

**Course #:** 05155G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** \$10  
**Prereq:** C or better in 2D Foundations

This course is designed for students interested in diving deeper into the realm of 2-D creation. Students will use advanced artistic processes to further develop their skills. Emphasis will be placed on brainstorming and revision. Materials include graphite, chalk, oil pastel, colored pencil, charcoal, acrylic and watercolor paint.

## **2D ART ADVANCED**

**Course #:** 05157E  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 10-12  
**Fee:** \$10  
**Prereq:** 2D Intermediate

This course is designed for the student ready to take their 2d art to the next level. Students will learn self-critique, revision, brainstorming, and problem solving. Materials include graphite, chalk, oil pastel, colored pencil, charcoal, watercolor, printmaking and acrylic paint.

### 3D ART INTERMEDIATE

<b>Course #:</b>	<b>05158G</b> <b>05158E</b>	For students who have completed 3-D foundations and are interested in furthering their understanding of Three Dimensional medium. Course includes an emphasis on peer revision, brainstorming, and problem solving. Possible materials include ceramics, metal, stained glass, cardboard sculpture and more.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	\$10	
<b>Prereq:</b>	C or better in 3D Foundations	

### CERAMICS

<b>Course #:</b>	<b>05159G</b> <b>13057G</b>	This course focuses on multiple ceramic processes including hand building and wheel throwing. Students will learn to make a full place setting and hand built forms. Course includes an emphasis on individual/ self-reflection, peer critique, problem solving, goal setting, and revision.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	\$10	
<b>Prereq:</b>	C or better in 3D Foundations	

### CERAMICS ADVANCED

<b>Course #:</b>	<b>05159E</b> <b>13098E</b>	This course is for students who have completed ceramics and wish to continue building their ceramic skills. Students will learn advanced techniques in hand-building as well as refine their techniques on the potter's wheel. Course includes emphasis on individual/ self-reflection, peer critique, problem solving, goal setting, and revision.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	\$10	
<b>Prereq:</b>	B or better in Ceramics	

### COMPUTER ART

<b>Course #:</b>	05169G	Computer art is a course designed for the digital artist. Students will learn the rigorous process of graphic design and photo manipulation by using a variety of techniques from hand drawing to digital painting. Computer programs used in this process include Adobe Photoshop and Adobe illustrator.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	\$10	
<b>Prereq:</b>	2D Foundations and 2D Intermediate	Offered Odd Grad Years (2020-2021 and 2022-2023)

### ART STUDIO 1

<b>Course #:</b>	05170G	Art Studio 1 is designed for students ready to take their art to the next level. Artistic processes will challenge students ranging from drawing and painting to ceramics and sculpture. Art Studio 1 will focus on rounding out skills. Theme based challenges will be given for students to have more independent studies.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	\$10	

<b>Prereq:</b>	2D or 3D Foundations and two of the following: 2D Intermediate, 2D Art Advanced, Ceramics, 3D Intermediate, Computer Art
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### **ART STUDIO 2**

**Course #:** 05170E  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 11-12  
**Fee:** \$10  
**Prereq:** Art Studio 1

Art Studio 2 is a continuation of Art Studio 1. Students will focus on creating a personal style while exploring a specific subject or subject matter. Students will finish the course' with the completion of a portfolio and personal reflection. This course may be repeated for elective credit. Please see the fee statement at the beginning of the department listing.

### **HOBBIES AND CRAFTS**

**Course #:** 05165G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 11-12  
**Fee:** \$10  
**Prereq:** None

This course is designed for upperclassmen students who perhaps have never taken an art class before. Students will learn traditional crafts and hobbies with a modern twist that they will be able to continue outside the art classroom for years to come. Possible skills may include knitting, crocheting, shibori dyeing, beading and jewelry making, sewing, paper making and calligraphy.



# **BUSINESS AND INFORMATION TECHNOLOGY**



Courses Required For Graduation From This Department: None

## **BUSINESS PROCEDURES**

**Course #:** 10005G  
**HS Credit:** 1.0  
**Duration:** Year  
**Grade(s):** 9-12  
**Fee:** None  
  
**Prereq:** None

This course will expand on computer and business skills. Students will use Microsoft Office Suite (Word, Excel, PowerPoint, Publisher) to complete their class work, which includes, written correspondence, tables, spreadsheets, databases and presentations. Topics also covered will be marketing, sales, business ethics, and entrepreneurship. Materials covered will help students achieve the language skills needed to communicate effectively in educational, business, and social environments.

## **BUSINESS INTRO TO**

**Course #:** 12051G  
**HS Credit:** .5 or .75\*  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** None  
  
**Prereq:** None  
**NTC#:** 10-102-124  
**NTC cred:** 3\*

Are you curious about the world of business or thinking of starting your own business? Introduction to Business will give you fundamental knowledge about how the world of business touches so much of our everyday lives. Students will learn what a business is, how it operates, and how it is managed. This course provides an overview of the different aspects of the business world, including the major functions of management, marketing, finance, research and development, and human resources. This course will provide a foundation for any career interest.

*\*Pending Dual Credit Course with the same name when completing SHS program requirements and meeting post-secondary program requirements for grades 9-12 11 and 12 ONLY.*

## **DESKTOP PUBLISHING**

**Course #:** 11152G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** None  
  
**Prereq:** C or better in English or Instructor Consent

The student will understand the many processes that are involved in the development of a high school yearbook and the use of Desktop Publishing skills related to areas of Desktop Publishing. The course will include units on digital photography, article writing, page layout, graphic design, and desktop publishing on the computer using the software program InDesign and Photoshop. Students will also be involved in the business aspect of the yearbook, including yearbook sales and advertising. Emphasis will be on desktop publishing skills, photography, creativity, business skills, and career opportunities with desktop publishing. Students will also produce independent desktop publishing projects to develop their creative style.

**COMPUTER APPS LEVEL 1**

**Course #:** 10004G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** None

This course provides students with a background in computer concepts ranging from basic operation of hardware and software, computer literacy, and systems analysis and design. Students will develop an in-depth knowledge of word processing, spreadsheet, database, presentation, and publishing applications using Microsoft Office software. This will include integration of these components into real-life applications. Students will explore career opportunities that utilize these types of skills. These skills are essential for students who are attending college after graduation and for those who will be entering the work field.

**Prereq:** C or better in English & Math; Business Procedures or Consent of Instructor

**COMPUTER APPS LEVEL II**

**Course #:** 11152E  
**HS Credit:** .5 or .75\*  
**Duration:** Semester  
**Grade(s):** 9-12  
**Fee:** None

This course adds to the skills learned in Computer Applications Level 1. This course will include integration of these components into real-life desktop publications using Microsoft Publisher and Photoshop to produce many types of publications. The student will create professional-quality documents for personal and business use including flyers, newsletters, brochures, logos, calendars and webpages. Students will explore career opportunities that utilize these information processing and graphics skills.

**Prereq:** C or better in English & Math; Computer Apps Level 1 or Consent of Instructor

**NTC#:** 10-106-188

*\*Pending dual technical college credit for NTC Desktop Publishing when completing SHS program requirements and meeting post-secondary program requirements for grades 11 and 12 ONLY.*

**NTC cred:** 3\*

**COMPUTER SKILLS WITH ALICE**

**Course #:** 10151G  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 10-12  
**Fee:** None

“Also known as the beginning game design course.” Students will develop and demonstrate advanced computer skills. Students will learn how computer software is made for computers and how to use software to solve problems. This will include analyzing problems and using the computer as a tool in their solution. Computer graphics, animation, and gaming will be learned and used to develop an understanding as to how computer programs are created. Various aspects of the computer field will be examined to help the student to understand the “why” and “how” of the computer world. Students will be using Alice Software to develop simple game programs.

**Prereq:** C or better in Math or Consent of Instructor

**COMPUTER SKILLS WITH JAVASCRIPT**

**Course #:** 10151E  
**HS Credit:** .5  
**Duration:** Semester  
**Grade(s):** 10-12  
**Fee:** None

Students will learn how computer software is made for computers and how to use software to solve problems. Students will learn how the interactive web components used on the Internet today gather and use information using JavaScript. Students will learn the basic concepts of computer programming using JavaScript, with an emphasis on structured programming, exception handling, debugging, testing and writing event handlers. Learners will create JavaScript applications using Microsoft Visual Studio. Additional topics include: online software development resources, programming and documentation standards, variable lifetime/scope, data types, control structures, and calculations.

**Prereq:** C or better in Math or Consent of Instructor

<b>WEB DESIGN</b>		Students will learn how to use some of the available Web 2.0 tools to gather and share data, and to communicate effectively with others. Students will learn how to create web pages and the various components of a webpage. Students will learn how to use HTML to create their web pages and will follow industry standards on web design.
<b>Course #:</b>	10201G	
<b>HS Credit:</b>	.5 or .75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	C or better in Business Procedures or Consent of Instructor	
<b>NTC#:</b>	10-152-211	<i>*Pending dual technical college credit for NTC Web Design I when completing SHS program requirements and meeting post-secondary program requirements for Gr 11 and 12 ONLY</i>
<b>NTC cred:</b>	3*	

<b>COMPUTER HARDWARE FUNDAMENTALS I</b>		Students in Computer Hardware Fundamentals Level 1 will learn the terms, concepts and function of personal computers, both as stand-alone and networked devices. Students will demonstrate knowledge, proper function and use of computer internal and external components, system configuration, data backup and virus protection, DOS commands, and simple networking. This course can help students prepare for the Comp TIA A+ Essentials Certification exam.
<b>Course #:</b>	10254G	
<b>HS Credit:</b>	.5 or .75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	C or better in Computer Applications I	
<b>NTC#:</b>	10-154-100	<i>*Pending Dual Technical college credit for NTC Computer Hardware Fundamentals Level 1 when completing SHS program requirements and meeting post-secondary program requirements for Grades 11 and 12 ONLY.</i>
<b>NTC cred:</b>	3*	

<b>COMPUTER HARDWARE FUNDAMENTALS II</b>		Students in Computer Hardware Fundamentals Level 2 will learn advanced PC operating system structure, features and use. Students explore in greater depth hard drive management, networking and troubleshooting. This course can help students prepare for the CompTIA A+ certification exams.
<b>Course #:</b>	10254E	
<b>HS Credit:</b>	.5 or .75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	C or better in Computer Hardware Fundamentals I	
<b>NTC#:</b>	10-154-102	<i>*Pending Dual Technical college credit for NTC Computer Hardware Fundamentals Level 2 when completing SHS program requirements and meeting postsecondary program requirements for Grades 11 and 12 ONLY.</i>
<b>NTC cred:</b>	3*	

<b>ENSURING MY EMPLOYABILITY</b>		Employability Skills courses help students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in and advance within the workplace. It is important to make career decisions that will lead to securing employment in a field that is a positive match for the student's interests, skills, values and priorities through a variety of formats. The class will utilize classroom activities, speakers, business tours and practical application of employment searching skills. The hybrid class format will incorporate classroom instruction as well as online learning opportunities.
<b>Course #:</b>	22152G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	None	

**USER EXPERIENCE DESIGN**

**Course #:** 10203E  
**HS Credit:** .5 or .75\*  
**Duration:** Semester  
**Grade(s):** 10-12  
**Fee:** None  
**Prereq:** None  
**NTC#:** 10-152-223  
**NTC credit:** 3\*

This course examines the design, prototyping, and evaluation of user interfaces. Learners will apply user experience standards in the development of web and software interfaces to provide a quality user experience. Topics include: psychological and interaction principles, requirements analysis, designing for different devices, style guides, usability testing, and visual design principles.

*\*Pending Dual Technical college credit for NTC course of same name when completing SHS program requirements and meeting postsecondary program requirements for Grades 11 and 12 ONLY.*

**AP Computer Science Principles**

**Course #:** 10019G  
**HS Credit:** 1.0  
**Duration:** Year  
**Grade(s):** 10-12  
**Fee:** None  
 Optional AP test fee

Computer science is everywhere, from our smartphones and video games to music, medicine, and much more. AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. Whether you are new to coding or an advanced coder, this course will improve your skill set. College credit can be earned upon successful completion of the AP test (<https://apcentral.collegeboard.org/courses/ap-computer-science-principles?course=a-p-computer-science-principles>) at the end of the course, if students choose to take the class for AP credit.

**Prereq:** Algebra 1,  
 No prior  
 computer  
 knowledge  
 necessary

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.**

See Distance Learning Section of the Course Description Book for more information on any of these listings:

Accounting I  
 Accounting II (NTC Blended DL or Online)  
 Accounting Academy (CVTC) including Acct I, Payroll Acct and Intro to QuickBooks  
 Business Law

Marketing I and/or Marketing II  
 Sports and Entertainment Management  
 Think Critically and Creatively (NTC)

# **ENGLISH LANGUAGE ARTS**

## **Courses Required For Graduation From This Department:**

4 credits: English in grades 9, 10, 11, plus one additional credit

<b>ENGLISH I</b>		<p>English I builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing. This year-long course is divided into four major units. Unit I introduces students to both fiction and nonfiction short stories and autobiographies. Students write both an autobiographical essay and short story. Unit II entitled "Drama's Tragic Reach" is an intensive study of The Renaissance and <i>The Tragedy of Romeo and Juliet</i> by William Shakespeare. Students investigate universal themes and issues impacting modern teens in order to prepare a literary analysis essay. Unit III is a study of timeless themes found in literature such as <i>The Odyssey</i>, <i>&amp; Of Mice and Men</i>. Finally, Unit IV begins with students reading realistic fiction and culminates with a research paper and research-based, documentary project. This course is a graduation requirement.</p>
Course #:	01001G 01999G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	9	
Fee:	None	
<b>ENGLISH II</b>		<p>This year-long course is designed to improve students' reading skills and increase their knowledge of literature from the United States and around the world. Students will create an autobiography writing portfolio that integrates various writing skills as well as reflections on their experiences and what they have read. Throughout the year, students will practice vocabulary and grammar to become better readers and writers. Texts studied in this course include <i>Things Fall Apart</i>, <i>The House on Mango Street</i>, a literature circle book, <i>The Adventures of Huckleberry Finn</i>, <i>A Midsummer Night's Dream</i> and a variety of short stories, poems, and nonfiction pieces.</p>
Course #:	01002G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	10	
Fee:	None	
Prereq:	This course is a graduation requirement.	
<b>ENGLISH III</b>		<p>This year-long course is designed to enhance students' reading, writing, vocabulary, grammar, and speaking skills to ultimately prepare students for national standardized tests and for future English courses. Students are also encouraged to become lifelong readers and will engage in free reading in this class. To achieve these goals, English III students will read and discuss contemporary American literature (from roughly 1914-present). Course units will be organized around themes of interest or importance to students. Anticipated topics include the following: American tales, dreams vs. society, argument, freedom, character under pressure, and American short stories. Students will study many genres of writing, such as novels, short stories, plays, poems, essays, and related films/videos. By the end of the year, students will have created several writing- and project-based artifacts that reveal their understanding of the texts covered in class and show their growth in analyzing literature.</p>
Course #:	01003G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	11	
Fee:	None	
Prereq:	This course is a graduation requirement.	

ENGLISH IV		<p>This course will explore both current events and timeless themes, such as exploration, survival and war, through the study of literature, non-fiction and other relevant works. Class activities, reflection and discussion will be our main tasks as we work toward our ultimate goal of developing students' personal opinions and critical thinking skills through reading, writing, speaking and creating listening. The course is presented so that students become confident with reading and writing, gain wisdom, and are entertained. Texts and materials for the class include contemporary novels, dramas, news articles, non-fiction, and films.</p>
Course #:	011022 01004X	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	12	
Fee:	None	
Prereq:	None	

CREATIVE WRITING		<p>Do you enjoy writing? Have you already written some imaginative stories on your own? Does writing poetry come naturally to you? If so, sign up for Creative Writing. This year-long course is designed to enhance students' writing skills in the areas of fiction, nonfiction, poetry, and journalism. The course will begin with a focus on the basic techniques of writing and will lead toward more advanced and exploratory writing as the year progresses. Course activities may include the following: reading works of published authors; short, daily writing warm-ups; experimenting with different writing techniques; and creating written pieces in various genres (poems, stories, essays, news articles, etc.). Students will be expected to revise their pieces to improve their writing. Students will also publish the school newspaper, <i>The Tiger Times</i>, and write pen pal letters to students at an urban school in Madison, WI. By the end of the year, students will have created a number of print-worthy stories, articles, poems, and letters. Maximum enrollment of 24 students.</p>
Course #:	01104G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	11-12	
Fee:	None	
Prereq:	C- or better in previous HS English classes	

COLLEGE PREP ENGLISH		<p>Heroes, monsters and conflicts have been the interest of storytellers and readers for centuries. This course will prepare students for the next level of reading analysis and critical response (textual support) that is essential for success in college and beyond. The course begins with a study of common literary criticisms and theories such as Marxism, formalism and historicism that will be applied to each unit throughout the semester. Areas of study include popular stories and classics from around the world: Ancient Greek Theater and the play <i>Oedipus Rex</i>; <i>Beowulf</i>, England's first true epic of the Middle Ages; the Medieval Period with Chaucer's <i>The Canterbury Tales</i>; and a war unit that includes a novel study of <i>The Things They Carried</i>.</p>
Course #:	01099E	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	11-12	
Fee:	None	
Prereq:	English 10 for Gr 11 participation and English 11 for Gr 12 participation C- or better in previous HS English classes	



<b>STRATEGIC READING</b>		Does NOT meet requirement for English graduation requirements but will for an elective credit or semester credit, unless otherwise approved by the principal.
<b>Course #:</b>	01066B	Strategic reading is intended to improve a student's vocabulary, critical-thinking and analysis skills, reading rate, comprehension. Strategies for note-taking and evaluating the important points of text are also a course focus. Real world application is stressed for experience with reading job applications, health information and other forms students may encounter in life. Student may be placed in this course for a semester or full year based on the recommendations of previous English staff and/or assessment results. For students opting to take this course on their own, discussion with English teachers or case manager is encouraged to ensure that it will be a fit for them.
<b>HS Credit:</b>	.5 or 1	
<b>Duration:</b>	Sem or Year	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>WRITTEN COMMUNICATION</b>		<b>This course is designed to develop workplace-related</b> writing skills, which include prewriting, drafting, revising and editing. A variety of writing assignments are designed to help the student analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. <b>This course</b> also develops critical reading and thinking skills through the analysis of a variety of written documents. Transfer credit may also be granted at some colleges and universities. Maximum enrollment of 24 students May be equivalent to UW English 101.
<b>Course #:</b>	01105E	
<b>HS Credit:</b>	.75	
<b>Duration:</b>	Sem	
<b>Grade(s):</b>	12	
<b>Fee:</b>	*Digital Text Fee	
<b>Prereq:</b>	<b>None Successful Completion of English III (C- or better)</b>	
<b>NTC#:</b>	10-801-195	<i>*Pending Dual Credit for HS and technical college when completing SHS program requirements and meeting post-secondary program requirements</i>
<b>NTC cred:</b>	3*	

<b>ORAL/INTERPERSONAL COMMUNICATION</b>		<b>This course</b> focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other projects. Transfer credit may also be granted at some colleges and universities. Maximum enrollment of 24 students
<b>Course #:</b>	01155E	
<b>HS Credit:</b>	.75	
<b>Duration:</b>	Sem	
<b>Grade(s):</b>	12	
<b>Fee:</b>	*Digital Text Fee	
<b>Prereq:</b>	<b>None Successful Completion of English III (C- or better)</b>	
<b>NTC#:</b>	10-801-196	<i>*Pending Dual Credit for HS and technical college when completing SHS program requirements and meeting post-secondary program requirements</i>
<b>NTC cred:</b>	3*	

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.** See Distance Learning Section of the Course Description Book for more information on any of these listings:

UW English 101 Freshman English

UW English 202 Sophomore English

Students must successfully complete four credits of high school English to graduate.

**Required Courses (3 Credits):**

English I	1 Credit: Semesters I & II
English II	1 Credit: Semesters I & II
English III	1 Credit: Semesters I & II

**Elective Options to Fulfill the 4th Credit Requirement for Graduation:**

<b>College Prep. English</b>	Juniors and Seniors who qualify*	.5 Credits: Semester I OR II
<b>Creative Writing</b>	Juniors and seniors who qualify*	1 Credit: Both Semesters
<b>English IV</b>	Seniors	1 Credit: Both Semesters
<b>UW ENGL 101</b> *Distance Learning Equivalent course with NTC Written Communications	Seniors who qualify+ UW Placement Exam	Fall Semester
<b>UW ENGL 102 (Composition)</b> *Distance Learning	Seniors who qualify+ UW Placement Exam AND complete UW ENGL 101 or Written Communications	Dependent upon offerings through distance learning and previous courses completed
<b>UW ENGL 202</b>	Seniors who qualify from completion of UW Engl 101	Dependent upon offerings through distance learning and previous courses completed
<b>Written &amp; Oral Communications</b>  NTC: Northcentral Technical College	Seniors-successful application to NTC	Fall Semester: Written Communications Spring Semester: Oral Communications

<b>Strategic Reading</b>	<i>*Does not meet the requirement for 4 credits of English but will for elective credits for graduation.</i>	<i>.5 or 1 credit</i>
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# **FAMILY AND CONSUMER SCIENCES**



Courses Required For Graduation From This Department: None

<b>CULINARY ARTS I</b>		
<b>Course #:</b>	19257G	<p>This course starts with an <b>overview of introduction to food</b> safety and sanitation <b>then</b> moves on to the basics of measurement and preparation techniques including knife cuts and cooking methods. Students will prepare weekly dishes from scratch including sauces and soups, fruits and vegetables, potatoes and grains, and many more. Students will work on food service communication strategies as they participate in a cupcake challenge. Students will learn the value of customer service and practice proper procedures through their very own pizza shop. Finally, students will research potential careers in food service and how to be successful in the kitchen. Maximum enrollment of 21</p>
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	\$10 for materials	
<b>Prereq:</b>	None	

<b>CULINARY ARTS II</b>		
<b>Course #:</b>	72202G	<p>In this course, you will learn about the history of food, procedures and guidelines concerning food and preparation. Safety and sanitation procedures will be covered along with basic cooking techniques with hands-on lab experiences. You will learn about culinary fundamentals, presentation, menu planning, and managing food costs. Culinary competitions such as a cake bake-off will be incorporated. A focus on maintaining sanitary facilities and equipment with certification through the National Restaurant Association is a requirement for completion of the course by taking the ServSafe exam, if the course is being taken for dual credit. Maximum enrollment of 15 students.</p>
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	\$10 for materials plus \$36 ServSafe exam fee	
<b>Prereq:</b>	Culinary Arts I	
<b>NTC#:</b>	10-316-100	<p><i>*Pending Dual Credit for Sanitation for Food Service Operations when completing SHS program requirements and meeting post-secondary program requirements.</i></p>
<b>NTC cred:</b>	2*	

<b>FOOD AND NUTRITION</b>		
<b>Course #:</b>	19252G	<p>Focuses on nutrition/specific nutrients and how food is used by the body. The planning of well-balanced diets and nutritional analysis of various health concerns is emphasized. We will cover common eating concerns, reading nutrition labels, and fast food options as students will prepare a variety of recipes with healthy modifications.</p>
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	
<b>NTC#:</b>	10-316-107	<p><i>*Pending Dual Credit for Nutrition when completing SHS program requirements and meeting post-secondary program requirements.</i></p>
<b>NTC cred:</b>	2*	

<b>CHILD DEVELOPMENT</b>		If you are thinking about a career with young children, or just curious about the developmental changes that take place as children grow, then this course is for you. Learn about prenatal development, physical and psychological aspects of pregnancy and childbirth, inherited traits, responsibilities of parenthood, financial aspects of parenthood. Other topics will be family planning, birth defects, emergency births, sudden infant death syndrome, child abuse and child discipline techniques. Finally, all stages/milestones of child development will be reviewed from birth to the teenage years.
<b>Course #:</b>	19052G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>DESIGN</b>		This course will be a combination of designing for fashion and interior structures. Students will become familiar with color schemes and combinations. Principles of design are applied to individual rooms and floor plans will be created. Students will be creating home décor items and looking at the history of housing and fashion. Fashion trends will be evaluated and DIY projects will be created by students as well as their very own designer line. Interior, fashion and graphics marketing careers will be highlighted. *Students will be required to supply/purchase materials for some projects.
<b>Course #:</b>	19201G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	See description*	
<b>Prereq:</b>	None	

<b>INDEPENDENT LIVING</b>		This course will prepare students in various areas to live on their own after high school. Topics of study will include personal development, relationships, communication, responsibility, and family living. Budgeting for housing, checking, credit cards and insurance will also be covered. Some hands-on activities such as simple food preparation, personal hygiene habits, budgeting and online banking will be provided. Independent living will empower students to assume personal responsibility and prepare to be successful. <i>This course meets the financial literacy graduation requirement.</i>
<b>Course #:</b>	19258G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>HEALTH OCCUPATIONS</b>		An introduction to health and human service careers, students will be introduced to a variety of health care career options and education necessary to obtain them. Students will cover career planning, and exploration with possible job shadowing, interviews, and research. CPR and first aid training will be reviewed and certification is available, as well as numerous guest speakers that will give first hand insight to potential careers in health care.
<b>Course #:</b>	14001G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. <b>Offered at Stratford for grades 11 and 12 only.</b>	
See Distance Learning Section of the Course Description Book for more information on any of these listings:	
Culinary and Hospitality Academy	Health Academy (See Academy Listing)
Early Childhood Education Academy(NTC See Academy Listing)	Introduction to Counseling (NTC)
	UW TED 100 Introduction to Teaching
	UW TEC 289 Introduction to Teaching Practicum

## **PERSONAL FINANCIAL LITERACY**

Courses Required for Graduation From This Department:  
Financial Literacy

<b>FINANCIAL LITERACY</b>		This course is designed to introduce students to the foundations of personal finance. A better understanding of personal finance will help students move into adulthood making more informed monetary decisions, realizing a greater potential for personal wealth, and fostering a stronger state and national economy. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance and banking topics, understand debt and credit management, and evaluate and comprehend insurance and taxes. The course instructor will be certified to teach this course but may have licensure in a content area. This course meets the graduation requirement for personal financial literacy.
<b>Course #:</b>	19262G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

See also “Independent Living” in the Family and Consumer Sciences section and “Consumer Math” in the Mathematics section for alternatives to the personal financial literacy graduation requirement.

# **HEALTH**



## Courses Required for Graduation From This Department: Health

<b>HEALTH</b>		The ultimate goal of this class is to provide students with the knowledge necessary to make decisions that will positively affect their health and the health of those around them now and in the future. All three domains of health will be addressed in this class - physical, mental-emotional, and family-social. This class includes interactive discussions and thoughtful reflections through journal writing. Course content includes life skills, mental and emotional health, family and social health including abstinence as a teenager, communicable and chronic disease including STDs, alcohol, nicotine and other drugs, nutrition, and CPR / AED / choking / First Aid.
<b>Course #:</b>	08051G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10	
<b>Fee:</b>	None	
<b>Prereq:</b>	This course is a graduation requirement	

<b>HEALTH ADVANCED</b>		Advanced Health will dive deeper into health behaviors and how these behaviors affect our health status. Students will understand the meaning of serving as an advocate for positive health decisions through various school wide and community projects. Guest presenters may be used to connect students to real world health issues and serve as an introduction to various health-related careers.
<b>Course #:</b>	08099E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Health	

<b>MEDICAL TERMINOLOGY</b>		
<b>Course #:</b>	14154E	
<b>HS Credit:</b>	.75	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	Book Cost \$130.00	
<b>Prereq:</b>	Biology. Body, Structure & Function and/or Vet Science recommended	
<b>NTC#:</b>	10-501-101	<i>*Pending Dual Credit for HS and technical college when completing SHS program requirements and meeting post-secondary program requirements.</i>
<b>NTC cred:</b>	3*	

Distance Learning Opportunities may be available depending upon time, class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.** See Distance Learning Section of the Course Description Book for more information on any of these listings:

Health Academy (See Academy Listing)

Introduction to Counseling

Microbiology and Parasitology

Pathophysiology

Intro to Ethics

# **INDUSTRIAL TECHNOLOGY AND ENGINEERING**



Courses Required For Graduation From This Department: None

<b>EXPLORING TECHNOLOGY</b>	
<b>Course #:</b>	13002G
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<b>Prereq:</b>	None

Exploring Technology is a broad, diversified course developed to meet the needs of productive citizens of the future by using our knowledge, tools, and skills to solve practical problems and extend human capabilities. The course contains key elements of each of the four systems of technology -- communication, construction, manufacturing, and transportation. The course is a systematic exploration, followed by a "hands-on" experience with the most important processes, materials, tool machines, management ideas, and impacts of technology. This class is an introduction/orientation to other courses offered in Stratford High School's Technology Education Program. **Class size limit of 16**

<b>WOODWORKING I</b>	
<b>Course #:</b>	17006G
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<b>Prereq:</b>	Exploring Technology or Industrial Tech 8

Woodworking I is an introductory level general woodworking course. The areas of planning, hand tool operation, and machine operation will be stressed, as well as other mechanical information related to the woodworking industry. Students will also study careers in the woodworking industry. Projects completed will include a creativity project and a coat rack. **Class size limit of 16**

<b>WOODWORKING II</b>	
<b>Course #:</b>	17007E
<b>HS Credit:</b>	1.0
<b>Duration:</b>	2 semesters*
<b>Grade(s):</b>	10-12
<b>Fee:</b>	**See Description
<b>Prereq:</b>	Grade of C or better in Woodworking I

Woodworking II is a high-level woodworking course. Only students with a sound background in woodworking should sign up. The course will concentrate on tools, materials and construction techniques used in the production of high quality furniture and wood products. Students will be required to build a nightstand and a bat before choosing their own projects.

\*This class may either run for a full year or as a double-period block in one semester, pending best fit in the master schedule.

\*\*Students should expect to spend \$80.00 to \$200.00 on projects that they will be able to keep. **Class size limit of 16**

WOODWORKING III		Students will be given the opportunity to choose their own projects to complete.
Course #:	13054E	The projects must meet certain requirements that will push their skills beyond what is developed in Advanced Woods (Woodworking II). At least one project must be designed by the student, including the steps that will be used to build it. *This class may either run for a full year or as a double-period block in one semester, pending best fit in the master schedule. <i>**Students should expect to spend \$80.00 to \$200.00 on projects that they will be able to keep. Class size limit of 16</i>
HS Credit:	1.0	
Duration:	2 semesters*	
Grade(s):	11-12	
Fee:	**See Description	
Prereq:	Final grade of B- or better in Woodworking II or Consent of Instructor	

CONSTRUCTION		Construction is a course designed to give students experience with carpentry procedures as used in house construction. The course covers: lot layout, foundations and footings, floor construction, roof construction, wall construction, and finishing details. Students will build dog houses and/or other construction related projects.  (Spring Semester only) Maximum Enrollment of 16
Course #:	17003G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	10-12	
Fee:	None	
Prereq:	Exploring Technology or Industrial Tech 8	

METALS I		The metals course will work in the areas of foundry, welding, lathe and sheet metals. Classroom lectures will consist of discussion on safety, shop math, and the general metal working industry that will be important for students to learn if they are looking to pursue a degree or career in a metal working field. In the shop, the students will complete four required skill-building projects in each of the four skill areas we will be discussing in this course. Every course will emphasize the importance of safety. <b>Maximum Enrollment of 16.</b>
Course #:	13202G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	9-12	
Fee:	None	
Prereq:	Exploring Technology or Industrial Tech 8	

METALS II		<p>If welding is an interest of yours, don't hesitate to sign up for this course. Students will review the topics and techniques covered in Metals I and go more in-depth. An area we will spend a lot of time on will be Welding. Welding has been growing in this area, so we will study the techniques of GAS, ARC, MIG and TIG welding and the different welding joints. Quality time will be spent on stainless steel TIG welding, as that is a growing field in our community. The Metal Lathe is another area of metalworking that will be studied more in-depth, as the students will have the opportunity to learn to create more detailed precision products. Also, students will learn how to read blueprints to fabricate a project, which will require the use of multiple layout tools and precision measuring equipment. Some projects students will be introduced to are an end table and lead screw. Students will also have be introduced to the computer controlled Plasma Cutter. Every course will emphasis the importance of safety. <b>Dual credit opportunity for this course is only available to Gr 10 and 12. Maximum Enrollment of 16.</b></p> <p>*This class may either run for a full year or as a double-period block in one semester, pending best fit in the master schedule.</p>
Course #:	132071	
HS Credit:	1.0	
Duration:	2 semesters*	
Grade(s):	10-12	
Fee:	None	
Prereq:	Metals I	<p><i>**Pending Dual Credit for Introduction to Welding when completing SHS program requirements and meeting post-secondary program requirements for grades 10 and 12 ONLY.</i></p>
NTC#:	10-442-101	
NTC cred:	2**	

METALS III		For students looking to pursue a degree of career in metalworking, this is the course for you. A review of all concepts from previous metals courses will be studied.
Course #:	13055E	Emphasis will be put on math skills and reading detailed blueprints. Students will have the opportunity to learn and run the milling machine and become more familiar with all the possibilities the Plasma Cutter brings to the metals industry.
HS Credit:	1.0	Students taking this course, should be ready to troubleshoot, use problem solving skills and learn time management skills. A required project will be built using skills learned in previous classes, along with new skills learned. An example of a project will be a vise. Much of this course will consist of an independent nature, as students will use time management skills to complete required projects and individual projects they chose. Every course will emphasis the importance of safety. Careers related to the construction industry including all the trades will be studied.
Duration:	2 semesters*	
Grade(s):	11-12	
Fee:	**See Description	
		<i>*This class may either run for a full year or as a double-period block in one semester, pending best fit in the master schedule. <b>Maximum Enrollment of 16.</b></i>
		<i>**Student should expect to spend \$80.00 to \$200.00 on an individual project they design and build.</i>
Prereq:	Metals II or Consent of Instructor	

ELECTRICITY		<p>If electronics or residential wiring interests you, this is the perfect course. Electricity is a course designed for students to learn electrical concepts and principles of electrical systems and components in order to build and troubleshoot working circuits and devices. Students will study math skills and equations related to electricity. Also, electrical codes, wire sizes, circuits, tools, installation, electric motors and electromagnets will be studied. Careers in the electricity field will be discussed, and students will have the opportunity to talk with an electrician who works for the Wisconsin Department of Transportation (DOT). Labs will include building electromagnets, electric motors, and wiring small residential circuits. Every course will emphasis the importance of safety. <b>This course is offered typically every other year – on EVEN graduation years. (Offered in 2021-2022)</b></p>
Course #:	17103G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	11-12	
Fee:	None	
Prereq:	None	

SMALL ENGINES		Two and four cycle engines will be studied. The study of ignition, fuel, lubrication, and cooling systems will be accomplished by working in the classroom and in the shop. A study of related careers is also included. The student upon completion of the course will be able to disassemble and reassemble an engine. Students will also have time to repair small engines and equipment from home and/or members of the community.
Course #:	20110G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	10-12	
Fee:	None	
Prereq:	None	

BASIC AUTO MAINTENANCE AND REPAIR		<p>This course will cover basic automotive maintenance that will benefit ALL students. The students will learn simple car care, which includes: checking fluids, changing oil, rotating/changing tires, spark plugs, window wipers, lights and more. In this basic automotive course we will introduce the students to the systems of the automobile, preventative maintenance and troubleshooting. The students will also have the opportunity to learn about different careers related to the automotive industry. Students will have a chance to disassemble and reassemble a large engine, along with learning how to do some basic auto body work. If you plan to drive a vehicle, this is the course for you!</p>
Course #:	20104G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	11-12	
Fee:	None	
Prereq:	None required - small engines is helpful	



<b>CADD 1</b>		Computer Aided Design and Drafting (CADD) will provide the student with instruction on basic mechanical and architectural drafting. Any student interested in engineering and/or skilled trades should strongly consider signing up for this course. Work will be completed using multiple drafting programs on the computers. Students will have a chance to work on product design, house design, and a small 3D printing project. <b>Class size limit of 20</b>
<b>Course #:</b>	21107G	
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Exploring Technology or Industrial Tech 8	

<b>CADD – Mechanical Drafting</b> (formerly semester 1 of CADD II)		Students will review concepts studied in CADD 1 and learn advanced drafting skills related to mechanical drafting. This course will emphasize 3D drawing, which has become an important part of the design process for any product in industries today. Students will also spend time designing parts that will be printed on a 3D printer. <b>Class size limit of 20</b>
<b>Course #:</b>	21106E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	CADD I	

<b>CADD – Architectural Drafting</b> (formerly semester 2 of CADD II)		Students will review concepts studied in CADD 1 and learn advanced drafting skills related to architectural drafting. This course will emphasize 3D drawing, which has become an important part of the design process for many structures being designed today. Students will have the opportunity to design a cabin, house, and commercial building. They will be able to do a 3D virtual tour of each building to see what it would look like if it were built in real life. At the end of the semester, they will design the interior finishes of one of their buildings using an interior design program. <b>Class size limit of 20</b>
<b>Course #:</b>	21103E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	CADD I	

<b>GRAPHICS I</b>		Graphics is a course designed to introduce you to the many areas of graphic design. This will include career opportunities and tasks performed in those careers. You will develop your knowledge and skills in areas such as Photoshop use, graphic design, printing, vinyl cutting, heat transferring, and screen printing. The class will be almost entirely project-based, giving you the opportunity to both learn about graphics and take home some very cool products that you make! Projects include: Vinyl stickers, photo editing, video editing, t-shirt design and printing, and more! <b>Maximum Enrollment of 20.</b>
<b>Course #:</b>	11155G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	NONE	
<b>Prereq:</b>	None	



GRAPHICS II		Graphics 2 will build upon the experiences in Graphics 1, and allow students to make more complex, self-designed projects. We will focus on some of our more advanced machines, such as our laser engraver and print plotter/cutter. Students will be given the opportunity to design, market, and sell a product of choice by selecting from several prototypes. It is highly recommended that students enrolled in this course sign up for Tech. Club. <b>Maximum Enrollment of 20.</b>
Course #:	11155E	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	10-12	
Fee:	NONE	
Prereq:	Graphics 1	

MANUFACTURING		Of all the courses offered, this one is a little different than most. This course combines the business aspect of a company with the production aspect to give the students a firsthand experience as to how a company works. During this course, the students will research and develop a product, build a company, produce the product and sell it to the community for profit. Each member of the company will receive money based on the company's success. If you're interested in business and/or building things, this is the class for you. <b>Maximum enrollment 12 students.</b>
Course #:	13002M	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	11-12	
Fee:	\$10 for company start-up - paid to an activity account during the class	
Prereq:	Woodworking I, Metals I, or Consent of Instructor	

Distance Learning Opportunities may be available depending upon time, class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.** See Distance Learning Section of the Course Description Book for more information on any of these listings:

**Professional Networking and Development in Supply Chain Management (NTC)**

# **MATHEMATICS**

Courses Required for Graduation From This Department:  
3 Total Credits

ALGEBRA 1 ESSENTIALS		Algebra I Essentials minimizes the number of standards and the rigor of those standards in an effort to make algebra accessible to all students by developing the algebraic concepts and skills necessary for further math study. Students will solve linear equations and systems, factor quadratic equations, and use properties to evaluate expressions and operate on polynomials. Students will also use online content programs as a supportive resource. <i>All students enrolling in this course will also be automatically enrolled in Math Resource unless exceptions are approved by case manager or principal.</i>
Course #:	02052B	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	9-12	
Fee:	None	
Prereq:	MAP Score less than 235 and Consent of Instructor    Corequisite = Math Resource (no credit)	

ALGEBRA 1		The curriculum includes the topics of the language of Algebra, polynomials, equations & inequalities (setting up & solving), graphing (linear, quadratic, & absolute value equations), graphing functions, writing linear equations, solving systems of equations, statistics & probability, and solving quadratic equations. All areas will be applied to real-life application problems.
Course #:	02052G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	9-12	
Fee:	None	
Prereq:	MAP Score 235 or higher and Consent of Instructor	

ALGEBRA II		<p>The content of Algebra II covers linear, quadratic, exponential, logarithmic, radical, and rational functions. Students will learn to represent functions as verbal descriptions, equations, tables, and graphs along with modeling real-life examples to solve problems. Other topics include graphing and solving inequalities in two variables, direct, indirect and joint variations, <b>basic matrix operations</b>, quadratic factoring, and solving quadratic systems by graphing and substitution, <b>elimination or through the use of matrices</b>. Algebra II will frequently relate back to topics learned in Algebra and Geometry, especially solving algebraic equations, trigonometry, data analysis, and probability. Graphing calculators are not required but strongly recommended for Algebra II.</p>
Course #:	02056G	
HS Credit:	1.0	
Duration:	Year	
Grade(s):	9-12	
Fee:	None	
Prereq:	Algebra I with a B- or better or Consent of Instructor	

GEOMETRY ESSENTIALS		Geometry Essentials is a logical sequence after completing Algebra 1 Essentials.
Course #:	02072B	The course will cover the basic language, properties of polygons, showing how polygons are similar and different, calculating area & volume of polygons, more in-depth look at circles, drawings of 3D figures, Pythagorean's Theorem, and trigonometry. All areas will be applied to real-life application problems. <i>All students enrolling in this course will also be automatically enrolled in Math Resource unless exceptions are arranged with case manager or principal.</i>
HS Credit:	1.0	
Duration:	Year	
Grade(s):	10-12	
Fee:	None	
Prereq:	Algebra I Essentials or Consent of Algebra I Instructor. Co-requisite=Math Resource (no credit)	

<b>GEOMETRY</b>		In Geometry students will develop reasoning and problem solving skills by applying properties of points, lines, planes, triangles, quadrilaterals, and circles. Through the use of definitions, postulates, and theorems, students will be able to write proofs and explain their reasoning. Other topics include congruent segments and angles, circle chords, secants and tangent segments, parallel and perpendicular lines, angle measure in triangles, triangle congruence and similarity, transformations, the Pythagorean Theorem, geometric constructions, and coordinate geometry. Solving real-life problems will also require using perimeter, circumference, area, surface area, and volume formulas. Geometry will frequently relate back to topics learned in Algebra, especially solving algebraic equations, data analysis, and probability. Students wishing to take Geometry AND Algebra I concurrently must get consent of the instructor.
<b>Course #:</b>	02072G	
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	9-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Algebra I AND Consent of Instructor	

<b>PROBABILITY AND STATISTICS SEM 1</b>		Probability and Statistics introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics include constructing, summarizing, comparing and interpreting graphical displays of distributions of univariate data, exploring bivariate and categorical data, the Normal distribution, planning and conducting a study, overview of methods of data collection, planning and conducting surveys/experiments, and the generalizability of results and types of conclusions that can be drawn from observational studies, experiments and surveys.
<b>Course #:</b>	02201G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Algebra II with B- or better or Consent of Instructor	

<b>PROBABILITY AND STATISTICS SEM 2</b>		Probability and Statistics introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. It is a continuation of Prob & Stats Sem 1. Course topics include exploring random phenomena using probability and simulation, combining independent random variables, sampling distributions, estimating population parameters and testing hypotheses, and tests of significance.
<b>Course #:</b>	02201E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Probability and Statistics Semester 1 with a B- or better or Consent of Instructor	

<b>CONSUMER MATH</b>		Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment. <i>*Students who complete this year long course may choose to have it fulfill the Financial Literacy graduation requirement (.5 credit) along with earning .5 credit of math.</i>
<b>Course #:</b>	02157G	
<b>HS Credit:</b>	1.0*	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>APPLIED MATH</b>		Review and application of basic arithmetic skills involving whole numbers, fractions and decimals. Introduction and application of percents, area, volume, ratios and proportions will also be covered. The measurement system, angle, perimeter, square and board feet and formulas for geometric shapes as well as algebra will be taught. <i>Pending Dual Credit for Applied Mathematics 1 when completing SHS program requirements and meeting post-secondary program requirements for grades 11 and 12 ONLY.</i>
<b>Course #:</b>	02152E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Algebra 1 and Geometry	
<b>NTC#:</b>	31804305	
<b>NTC Credit:</b>	2	

ALGEBRA III / NTC		Pending qualifying scores, this course may be taken in the following ways:
UW Math 118 or UW Math 110		
Course #:	020572 (Yr or S1) 020573 (S2) (UW 118)	<ul style="list-style-type: none"><li>• Full-year of Algebra III for HS credit only</li><li>• Sem 1 for HS credit and Sem 2 for UW credit</li><li>• Sem 1 for HS credit and Sem 2 for NTC credit</li></ul>
HS Credit:	1.0 Yr  OR .5 for S1 1.0 S2 UW	
Duration:	Year	Algebra III will review and extend algebraic concepts for students who have already taken Algebra II. Topics include concepts, graphs, and properties of functions, inverse and algebraic functions, techniques of graphing, conic sections, linear and nonlinear systems, arithmetic and geometric series, mathematic induction and the binomial theorem. <b>Should be taken after successful completion of Algebra II</b> Maximum enrollment of 32 students
Grade(s):	10-12	
Fee:	None	
Prereq:	B- or better in Algebra II and/or qualifying score on the UW Math placement test	
NTC#:		
UWSP#:	10-804-195 MAT 118 / 110	
NTC cred:	3*	
UWSP cred:	4*	<i>*Pending Dual Credit for UW Math 118: Precalculus Algebra or NTC College Algebra with Applications when completing SHS program requirements and meeting postsecondary program requirements.</i>

PRE-CALCULUS / NTC		Pending qualifying scores, this course may be taken in the following ways:
UW Math 119 or 124		
Course #:	02110G 021102 (UW) 02110D (NTC)	<ul style="list-style-type: none"><li>• Full-year of HS credit only</li><li>• Sem 1 for HS credit and Sem 2 for UW credit</li><li>• Sem 1 for HS credit and Sem 2 for NTC credit</li></ul>
HS Credit:	1.0 Yr	Trigonometric functions, their basic properties and graphs; inverse trigonometric functions; identities; applications. TI-83 graphing calculators will be provided for students' use.
Duration:	Year	Maximum enrollment of 24 students
Grade(s):	10-12	
Fee:	None	
Prereq:	Algebra II with B-	or better, UW Placement Test with qualifying score, or Consent of Instructor
NTC#:	10-804-196	<i>*Pending Dual Credit for UW Math 119: Precalculus Trigonometry or NTC Trigonometry with Applications when completing SHS program requirements and meeting postsecondary program requirements.</i>
UWSP#:	MAT 119	
NTC cred:	3*	
UWSP cred:	2*	

CALCULUS		
<b>Course #:</b>	02121G 02124E (AP or NTC)	Calculus courses include the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of precalculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis). This course can also be taken as AP Calculus AB. Discuss with your course instructor and counselor. Maximum enrollment of 24 students
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Pre-Calculus with a B- or better or Consent of Instructor	
<b>NTC#:</b>	10-804-198	<i>*Pending Dual Credit for Calculus 1 when completing SHS program requirements and meeting post-secondary program requirements.</i>
<b>NTC cred:</b>	4	

### Math Information Continued

- 3 credits required
- Students may stop at any point after the requirement is met, however, math is highly recommended **all 4 years** of high school.

**Students will be advised by their previous Math Teachers** as to which course is recommended based on class performance, effort and assessment data. Students may sign up for the courses they are requesting and at the end of the semester may be contacted regarding that request and recommendations made by staff. Students planning to go to college are recommended to take Algebra, Geometry, and Algebra II as a minimum in high school.

	<b>Math Option 1</b>	<b>Math Option 2</b>	<b>Math Option 3</b>	<b>Math Option 4</b>	<b>Math Option 5</b>	<b>Math Option 6</b>	<b>Math Option 7</b>
<b>Gr 9</b>	Algebra Essentials with Math Resource co-requisite	Algebra 1	Algebra I	Geometry	Algebra/Geometry	Geometry	Geometry /Algebra II
<b>Gr 10</b>	Geometry Essentials with Math Resource co-requisite	Algebra II OR Geometry	Geometry /Algebra II	Algebra II	Algebra II	Algebra II	Pre-Calculus (UW Math 119)
<b>Gr 11</b>	Algebra II Or Consumer Math  OR Applied Math	Algebra II OR Geometry	Probability and Statistics and/or Algebra III/UW Math 118	Probability and Statistics and /or UW Algebra III / 118	Pre-Calculus (UW Math 119)	Pre-Calculus (UW Math 119)	AP Stats
<b>Gr 12</b>	4 <sup>th</sup> year of math optional but recommended	Probability and Statistics and/or Algebra III/UW Math 118 or Pre-Calculus/UW Math 119	Pre-Calculus (UW Math 119)	Probability and Statistics and /or Algebra III/UW Math 118 or Pre-Calculus/UW Math 119	AP Stats or Calculus	Calculus Or AP Stats	Calculus  Calculus 1 and 2 may be available at a UW Level

Ideally Probability and Statistics courses would be taken after Algebra II and before Pre- Calculus. They could be taken instead of Algebra III/College Math 118. Note that a full year (two semesters) of Probability and Statistics can only be offered if enrollment numbers warrant it. **Students that want to take Algebra III/College Algebra should take it before Pre-Calculus/Trigonometry.**

The UW System will only allow 5 total credits transferring for Math 118 and Math 119 when taking both courses.

Distance Learning Opportunities may be available depending upon time, class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.** See Distance Learning Section of the Course Description Book for more information on any of these listings: **AP Stats (See Advanced Placement Listings)**



## **MUSIC**

Courses Required For Graduation From This Department: None

<b>CHOIR - VARSITY</b>	
<b>Course #:</b>	05110G
<b>HS Credit:</b>	.5 OR 1.0
<b>Duration:</b>	Sem or Year
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<p>The Varsity Choir is a mixed vocal group open to all students who wish to participate in the experience of ensemble singing. Music from a variety of cultures and time periods is explored through study and performance. Development of vocal technique and music literacy is achieved through the use of 3 and/or 4 part literatures. The ensemble is involved in departmental performances and concerts throughout the school year with community outreach performances given during the holiday season. Field trips, spring festival competition, involvement in the school musical, and an annual trip are among the highlights of the group's activities. Evaluation is based on daily rehearsal, peer groups, concert attendance and performance critiques. Participation in the Wisconsin School of Music Association Solo &amp; Ensemble Festival is strongly encouraged.</p>	
<b>Prereq:</b>	Prior membership in a Stratford choral ensemble, membership in an equivalent ensemble at a different school, written consent of instructor, ability and willingness to commit to performances outside the school day as required and as are included in course grading.

<b>CHOIR - SHOW</b>	
<b>Course #:</b>	05111G
<b>HS Credit:</b>	1.0
<b>Duration:</b>	Year
<b>Grade(s):</b>	9-12
<b>Fee:</b>	*See Description
<p>The Show Choir (Class Act) is an auditioned group of up to 16 students that enjoy singing a variety of music from standard choral repertoire to Broadway, Pop, Jazz and other various styles. Performances incorporate dance and other movement with choral singing. Emphasis is placed on the continued development of vocal technique and music literacy through the use of 3 and/or 4 part literatures. The ensemble is involved in departmental concerts throughout the year with community outreach performances given during the holiday season. Field trips, spring festival competition, involvement in the school musical, and an annual trip are among the highlights of the group's activities. Evaluation is based on daily rehearsal, peer groups, concert attendance and performance critiques. Individual participation in the Wisconsin School of Music Association's Solo &amp; Ensemble Festival is strongly encouraged. Students are required to audition each year for membership in the ensemble. Auditions are held early in Sem 2. *Outfits may be purchased yearly.</p> <p style="color: blue;">Maximum Enrollment: 16</p>	
<b>Prereq:</b>	Highly developed independent singing skills, confident stage presence and movement coordination. Audition only and prior membership in a Stratford school choral ensemble, membership in an equivalent ensemble at a different school or written consent of instructor, ability and willingness to commit to performances outside the school day as required. Successful auditionees will also be members of the Varsity Choir which meets during the same time period on opposite days.



<b>SHS BROADWAY (previously Musical Theater Appreciation)</b>	
<b>Course #:</b>	05060G
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<b>Prereq:</b>	None

Explore the genre of musical theatre in this semester-long class. Students will study various musical theatre styles and may perform musical selections as solos and/or ensembles (depending on the level of mastery). Emphasis will be placed on stage movement, character development and a deeper understanding of the text to aid in a well-executed presentation. The course will culminate in a small-scale performance. A general understanding of music terms is helpful but not required for the class.

<b>HANDBELL ENSEMBLE</b>	
<b>Course #:</b>	05149G
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<b>Prereq:</b>	None

Discover physical movement and musical expression in this semester-long general music class. Hand bell ringing builds teamwork and cooperation skills all while creating music. No previous musical knowledge or ability is required. Try something different and worthwhile! If you enjoy making music with your peers and have a great attitude, give us a ring!

<b>MUSIC INDEPENDENT STUDY -VOCAL</b>	
<b>Course #:</b>	05147G
<b>HS Credit:</b>	.5 or 1.0
<b>Duration:</b>	Sem or Year
<b>Grade(s):</b>	12
<b>Fee:</b>	None
<b>Prereq:</b>	Consent of Instructor

This course is designed to meet the specific needs of seniors pursuing a post-secondary degree in the field of vocal music performance or music education. All students will complete required coursework in music theory specifically designed to enhance the student's knowledge of core musical vocabulary and harmonic and rhythmic theory. All students will also receive required advanced, individualized instruction in vocal production with an emphasis on collegiate literature and performance practice. Additional training as specifically required by the student's post-secondary goals will cover vocal pedagogy, diction, and music history. This course is available as a semester or year-long course of study.

<b>VARSITY BAND</b>	
<b>Course #:</b>	05102G
<b>HS Credit:</b>	1.0
<b>Duration:</b>	Year
<b>Grade(s):</b>	9-12
<b>Fee:</b>	None
<b>Prereq:</b>	Consent of Instructor.

The Varsity Band focuses on preparing quality instrumental literature in a variety of styles and genres through daily rehearsal, individual practice and assigned sectionals. Aligned with the philosophy of the Wisconsin Music Educators Association's Comprehensive Musicianship through Performance program, the ensemble strives to develop performance skills and understanding through preparation of relevant literature, public performances in a variety of settings appropriate to the literature and performance goals, the understanding of the cognitive and affective implications inherent to musicianship, the identification, appreciation and understanding of aesthetic value and the social, cultural and historic connections inherent in the selected literature. Students are evaluated through performance critique in competition, concert and peer group settings and in daily practice and rehearsal routines. Also note that participation in all scheduled band performances, as outlined in the course syllabus, is a requirement for membership in the Varsity Band.



MUSIC INDEPENDENT STUDY – INSTRUMENTAL		This course is designed to meet the specific needs of seniors pursuing a post-secondary degree in the field of music. All students will complete required coursework in music theory specifically designed to enhance the student’s knowledge of core musical vocabulary, harmonic and rhythmic theory and composition. All students will also receive required advanced, individualized instruction on their main instrument with an emphasis on collegiate literature and performance practice. Additional training as specifically required by the student’s post-secondary goals will cover modern practices in digital music publication and composition, electronics and live sound, applied instruction in woodwind, brass and percussion, music pedagogy, and studio production and engineering. This course is available as semester- and year-long courses of study.
Course #:	05147G	
HS Credit:	.5 or 1.0	
Duration:	Sem or Year	
Grade(s):	12	
Fee:	None	
Prereq:	Consent of Instructor.	

HISTORY OF ROCK		From its earliest beginnings to the present day, this course surveys the inception, evolution, and development of Rock music in America and abroad. In addition to in-depth studies of Rock music and the artists who created it, students will examine the sociological, political, and economic conditions which influence its development.
Course #:	05117G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	9-12	
Fee:	None	
Prereq:	Consent of Instructor.	

STAGECRAFT		Stagecraft is designed as a hands-on lab course for all students interested in stage sound and lighting. Using state-of-the-art analog and digital equipment, students will design, explore and test audio and lighting systems. Students will gain an understanding of the tools, techniques and theory behind common applications of sound and lighting. Students will have the opportunity to assist in school productions, including (but not limited to) school performances, concerts, presentations and assemblies.
Course #:	05056G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	9-12	
Fee:	None	
Prereq:	Consent of Instructor.	

GUITAR, INTRODUCTION TO		This course provides students with an introduction to the fundamentals of music and guitar playing techniques such as scales, chords and melodic lines. Students progress through eighteen units designed to each be one week in length. Upon completion of the core class work, students will work with the instructor to design and implement an independent advanced study focusing on specific performance or repertoire skills. Guitars and lesson books will be provided to the student after a use agreement has been completed and returned to the instructor. Limited to 18 students per semester for Guitar / Advanced Guitar combined.
Course #:	05108G	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	9-12	
Fee:	None	
Prereq:	Consent of Instructor.	

GUITAR ADVANCED		<p>This course provides students with an advanced course of study in the fundamentals of music and guitar playing techniques such as scales, chords and melodic lines. Students progress through eighteen units designed to each be one week in length. Upon completion of the core class work, students will work with the instructor to design and implement an independent advanced study focusing on specific performance or repertoire skills. Guitars and lesson books will be provided to the student after a use agreement has been completed and returned to the instructor. Limited to 18 students per semester for Guitar / Advanced Guitar combined. This class is offered concurrently with Introduction to Guitar and may be taken more than once for credit.</p> <p>Limited to 18 students per semester for Guitar / Advanced Guitar combined.</p>
Course #:	05108E	
HS Credit:	.5	
Duration:	Semester	
Grade(s):	9-12	
Fee:	None	
Prereq:	Consent of Instructor / completion of Introduction to Guitar at HS or MS	

# **PHYSICAL EDUCATION**



Courses Required For Graduation From This Department: 1.5 credits

Some classes may be repeated for credit with consent of instructor.

Fitness testing will be used in all High School Physical Education classes with the exception of PE 12.

<b>PHY ED 9 CO-ED</b>		The overall objective of this course is for students to develop competency and appreciation for individual, dual, team, and lifetime sports. Emphasis will be placed on using these activities to maintain and/or improve their current level of physical fitness as well as learning to improve the ability to work together and show empathy when needed. This course can only be taken once.
<b>Course #:</b>	08001G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	9	
<b>Fee:</b>	None	
<b>Prereq:</b>	This course is part of the 1.5 credits of PE required for graduation.	

<b>COMPETITIVE TEAM SPORTS</b>		Competitive Team Sports will incorporate individual and team activities that are based to be competitive within the class. Sportsmanship will be emphasized along with the practice of solid skill-level building units. Many units will start with the practice of learning skills and progressing to advanced play. This class will be designed to allow some highly competitive games and activities. The units covered in this class will vary depending on fall or spring semester. Fall semester often gives a little more outdoor time which will allow the following activities: Football, Archery, Golf, Tennis, Ultimate Frisbee, Soccer, Frisbee Golf, etc. Indoor activities are volleyball, Eclipse ball, badminton, pickleball, Fitness Center, Wrestling, etc.
<b>Course #:</b>	08002E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>LIFETIME ACTIVITIES PE</b>		Lifetime Activities PE will provide students with the opportunity to develop knowledge, skills, and values of competitive and noncompetitive activities that they can incorporate into their lifestyle. Promoting self-confidence and empowering students to take responsibility for making daily activity a priority will be a main focus of this class. Types of activities that may be included: Dance (line, ballroom, Zumba), Yoga, Self Defense, Tumbling, Ball Workouts, Power Walking, Frisbee Golf, Volleyball, Pickleball, Tennis, Eclipse Ball and Badminton.
<b>Course #:</b>	08004G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>INDIVIDUAL DUAL TEAM SPORTS</b>		This class provides students the opportunity to use the skills and knowledge they have learned and practiced through PE 6 to PE 9 to compete on a daily basis. This course will focus on advanced strategies that can be applied in these lifetime sports. Teamwork, sportsmanship, and responsible behavior are the goals of this course. Types of activities that may be included: Tennis, Badminton, Pickleball, Eclipse Ball, Racquetball, Floor Hockey, Broomball, Ultimate Frisbee, Touch Football, Team Handball, Bowling, Volleyball, Kickball, Golf.
<b>Course #:</b>	08003G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>OUTDOOR PURSUITS/ TEAM BUILDING</b>		Outdoor Pursuits and Team Building is a way of promoting physical activity in a different way than our traditional Individual/Dual/Team Sports class. Our goal is for students to experience outdoor activities through a variety of methods. Students will develop a sense of environmental awareness while providing community service options that protect and promote the wonderful resources our community has to offer. This class allows students to challenge themselves, work positively with classmates, and take what they have learned beyond the school doors. Students need to understand that all activities are based on weather conditions and some inside Individual/Dual/Team Sports may be used in case of poor weather. Types of activities that may be included: Team Building (Inside/Outside), Biking, Power Walking, Snowshoeing, Ice Skating, Cross Country Skiing, Fishing, Camping (Outdoor Survival Skills), Archery, Backyards Games, Geocaching and Orienteering, and Designing School/Community Projects (Examples: Community Snowshoe Walk, Raking Leaves, Setting up Christmas Lights for Elderly).
<b>Course #:</b>	08049G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>FITNESS FOR LIFE</b>		Students will be exposed to health-related fitness components; a) cardio/conditioning, b) muscle toning, c) speed training, d) strength training, and e) flexibility. Each student will then focus on their area of need and develop a lifetime fitness plan. Students will set goals, self-assessments, and create new goals at the conclusion of the course. The class will be almost entirely spent in the Fitness Center.
<b>Course #:</b>	08016G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>STRENGTH TRAINING I</b>		Each day the student will lift weights and work out under supervision of the physical education teacher. We will have programs for power, strength, and conditioning/cardio as different students have different training goals depending on their specific sports and needs. Proper technique to help prevent injuries will be utilized. This course differs from Lifetime Fitness as it primarily focuses on lifting for the direct current needs of the student. Proper diet and food and beverage consumption will also be stressed.
<b>Course #:</b>	08009G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

<b>STRENGTH TRAINING II</b>		For students truly interested in continuing to develop and improve power, strength, conditioning and cardio personal training goals.
<b>Course #:</b>	08009E	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Strength Training I and Consent of Instructor	

<b>PHY ED 12 CO-ED</b>		This Senior Physical Education class will meet daily for one semester. It is for the spirited student that loves to compete at any contest, game, or challenge brought forth. While emphasis will be on lifetime sports and activities, intense competition through hard play will create aerobic and physical conditioning. Daily competition will take place and activities start immediately after attendance. Each student gets a chance to plan a week's activities as they "teach" their favorite units. Bowling will be included in this class as we will take a bus to either EML in Rozellville or Rose Bowl in Marshfield.
<b>Course #:</b>	08002S	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Consent of Instructor	

<b>OFFICIATING - BASIC</b>		This non credit course will teach the fundamentals and skills necessary for officiating sports (football, basketball, baseball, softball, volleyball, cross country, track, and wrestling) at an introductory level. It will also focus on creating an officiating philosophy, understanding the psychology of officiating, being physically prepared to officiate, and the responsibilities associated with officiating. Guest speakers and video analysis will be included. Information will also be shared on how and where individuals can work as an official. This course may be offered on an every other year rotation depending upon student interest.  * Independent Study option, for credit, may be possible with instructor consent and regularly scheduled meetings. This independent study option will NOT count toward the required PE 1.5 credits needed for graduation but will count as a PE elective credit.
<b>Course #:</b>	08049G	
<b>HS Credit:</b>	0*	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	Consent of Instructor	



## **SCIENCE**

**Courses Required For Graduation From This Department: Biology Plus 2.0 additional credits**

<b>SCIENCE - GENERAL</b> <b>Course #:</b> 03201G <b>HS Credit:</b> 1.0 <b>Duration:</b> Year <b>Grade(s):</b> 9-12 <b>Fee:</b> None <b>Prereq:</b> None	<p>An introductory course in physical and chemical study and their connections to both life and earth sciences. Topics include energy and motions, mechanical energy, electromagnetism, astronomy and geologic time.</p> <p><i>Incoming 9<sup>th</sup> grade students will be advised by their previous science teachers as to whether General Science or Biology is recommended for them, based on class performance, effort/ organization and assessment data.</i></p>
<b>ASTRONOMY</b> <b>Course #:</b> 03004G <b>HS Credit:</b> .5 <b>Duration:</b> Semester <b>Grade(s):</b> 10-12 <b>Fee:</b> None <b>Prereq:</b> None	<p>Astronomy courses offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. These courses usually introduce and use astronomic instruments and typically explore theories regarding the origin and evolution of the universe, space, and time.</p>
<b>METEOROLOGY AND SCIENCE EVALUATION / CURRENT SCIENCE</b> <b>Course #:</b> 03006G <b>HS Credit:</b> .5 <b>Duration:</b> Semester <b>Grade(s):</b> 10-12 <b>Fee:</b> None <b>Prereq:</b> B or better in Biology	<p>Meteorology courses examine the properties of the earth's atmosphere. Topics usually include atmospheric layering, changing pressures, winds, water vapor, air masses, fronts, temperature changes and weather forecasting. This will be a hands on application course of activities.</p>
<b>STEM I - FOCUS ON TECHNOLOGY AND ENGINEERING</b> <b>Course #:</b> 03210G <b>HS Credit:</b> .5 <b>Duration:</b> Semester <b>Grade(s):</b> 10-12 <b>Fee:</b> None <b>Prereq:</b> None	<p>Science, Technology, and Society courses encourage students to explore and understand the ways in which science and technology shape culture, values, and institutions and how such factors, in turn, shape science and technology. Topics covered may include how science and technology enter society and how they change as a result of social processes.</p> <p>Offered Odd Grad Years (2020-2021 and 2022-2023)</p>

<b>STEM 2 - FOCUS ON TECHNOLOGY AND ENGINEERING - ENRICHED</b>	
<b>Course #:</b>	03210E
<b>HS Credit:</b>	.5
<b>Duration:</b>	Semester
<b>Grade(s):</b>	10-12
<b>Fee:</b>	None
<b>Prereq:</b>	B or better in Biology

Science, Technology, and Society courses encourage students to explore and understand the ways in which science and technology shape culture, values, and institutions and how such factors, in turn, shape science and technology. Topics covered may include how science and technology enter society and how they change as a result of social processes.

Offered Even Grad Years (2019-2020 and 2021-2022)

<b>BIOLOGY</b>	
<b>Course #:</b>	03051G
<b>HS Credit:</b>	1.0
<b>Duration:</b>	Year
<b>Grade(s):</b>	10 (9 with consent with B+ minimum in SMS Science)
<b>Fee:</b>	None
<b>Prereq:</b>	This course is a graduation requirement.

Students will become familiar with the concept and application of Biology (study of life). The course will include a brief survey of the biological classification of living things. Ecology will be examined with practical application of ecological concerns and situations. An overview of how living organisms function and finally a study of cells and genetics will be discussed. Required: A folder and notebook (2-1 subject or 1-3 subject) for General Biology class only.  
*9<sup>th</sup> grade students will be advised by their previous science teachers as to whether Physical Science or Biology is recommended for them, based on class performance (B+ minimum AND SMS Science teacher consent), effort / organization and assessment data.*

<b>CHEMISTRY</b>	
<b>Course #:</b>	031011
<b>HS Credit:</b>	1.0
<b>Duration:</b>	Year
<b>Grade(s):</b>	11-12 (10 w/ consent)
<b>Fee:</b>	None
<b>Prereq:</b>	B- or better in Biology and/or Recommendation of Instructors

In chemistry we study elements, compound formulas and equations. We use this information to form common compounds that are part of everyday life and used in industrial, agricultural and domestic situations. We introduce the mole concept to formulate mass-to-mass, mass to volume, and volume-to volume chemical reactions. We also study techniques to mix and determine the strength of chemical solutions used in laboratory work. We separate the complex study of compounds into small groups such as acids, bases and salts to learn presented and students perform simple laboratory tests to identify and produce some of the elements. Math plays an important role in chemistry.  
*Students planning to apply to a 4-year university or a health program at a technical college are recommended to take Chemistry as a minimum in high school.*

<b>CHEMISTRY ADVANCED</b>	
<b>Course #:</b>	031012
<b>HS Credit:</b>	1.0
<b>Duration:</b>	Year
<b>Grade(s):</b>	11-12
<b>Fee:</b>	None
<b>Prereq:</b>	B- or better in Chemistry and/or Recommendation of Instructors

An extensive review of chemistry is undertaken and laboratory procedures reviewed. We study qualitative analysis of inorganic compounds to identify elements and radicals. We study other methods of identification such as spectrographic analysis and ion exchange. We study organic chemistry to know, predict, and identify elements found in these compounds. We take greater advantage of laboratory facilities to explain, examine and explore concepts of chemistry. Organic chemistry is further explored to cover nomenclature, common use of compounds, synthesis and structure, with laboratory preparation and identification of common organic substances.



<b>BODY STRUCTURE AND FUNCTION</b>		
<b>Course #:</b>	03053G 03053D (NTC)	Introduces structures and functions of normal human anatomy using a body systems approach. Body, Structure and Function is a full year course in the structures and functions of the human body. It also integrates and correlates applicable principles and concepts of cell biology and histology. Lab experiences are completed through student and class participation.
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	10-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	B or better in Biology and Consent of Instructor	
<b>NTC#:</b>	10-806-110	
<b>NTC cred:</b>	3*	<i>*Pending Dual Credit for 11<sup>th</sup> and 12<sup>th</sup> grade students only, for Body Structure and Function when completing SHS program requirements and meeting post-secondary program requirements.</i>

<b>PHYSICS</b>		
<b>Course #:</b>	03151G	Physics is the science of energy and matter. We study the interchange between gases, liquids, and solids. We use problem-solving methods and laboratory experiments or demonstrations to better understand the forms of energy (heat, light, mechanics, nuclear, sound and electrical). Math is an important factor used in these studies. Science projects are encouraged.
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	B- or better in Algebra & Geometry and Consent of Instructor	Physics II or AP Physics may be available through distance learning. See the distance learning list or the school counselor for more information.

<b>MEDICAL TERMINOLOGY</b>		
<b>Course #:</b>	14154E	Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.
<b>HS Credit:</b>	.75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	\$130 wkbk	
<b>Prereq:</b>	Biology (B or better). Body, Structure & Function (B or better) and/or Vet Science recommended.	
<b>NTC#:</b>	10-501-101	
<b>NTC cred:</b>	3*	<b><u>Required workbook for purchase (BEFORE the start of class:</u></b> <b><u>Exploring Medical Terminology 10th Ed. ISBN:9780323396455</u></b> <i>*Pending Dual Credit for Medical Terminology when completing SHS program requirements and meeting post-secondary program requirements.</i>

<b>FORENSIC SCIENCE</b>		
<b>Course #:</b>	15055G	Forensic Science: Forensic science is the discipline in which professionals use scientific means to analyze physical crime evidence. This evidence is then presented in court in order to help determine the innocence or guilt of a specific suspect. Ideally, the student would have knowledge of the human body (i.e. Anatomy/Physiology or BSF) or a strong willingness to learn. We will cover the introduction to forensic science, evidence collection and analysis (microscope), simple technologies available to us, and career opportunities.
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	B+ or better in Biology or Consent of Instructor	



*Specific Agriculture Courses may also be used as science equivalent credits if the course description states it as a state approved science equivalent credit. See Agriculture course descriptions.*

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. **Offered at Stratford for grades 11 and 12 only.** See Distance Learning Section of the Course Description Book for more information on any of these listings:

Microbiology and Parasitology

Pathophysiology

Environmental Science

AP Biology



## **SOCIAL STUDIES**

Courses Required For Graduation From This Department:  
3.0 credits: U.S. History, American Government, World History

<b>U.S. HISTORY</b>		The purpose of U.S. History is to identify ourselves with the institutions and traditions, which have made our nation great; to see with historical perspective our country's role in the world; to discover ideas and principles we can use in solving our problems; and to perform with greater wisdom the responsibilities of democratic citizenship. This class will place a heavy emphasis from post-civil war to contemporary history.
<b>Course #:</b>	04103G	
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	9	
<b>Fee:</b>	None	
<b>Prereq:</b>	This course is a graduation requirement.	

<b>AMERICAN GOVERNMENT</b>		This course covers the American government from its founding to current times. Students will analyse the Declaration of Independence, United States Constitution, and federal, state and local laws to understand how the government impacts their daily lives. The purpose of this course is to provide students with a foundation to become civically engaged citizens. This course offers multiple discussions and debate opportunities to prepare students to engage in political discussion after graduation.
<b>Course #:</b>	04151G	
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	10	
<b>Fee:</b>	None	
<b>Prereq:</b>	This course is a graduation requirement.	

<b>WORLD HISTORY</b>		This World History course provides students with an overview of the history of human society from the Renaissance to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History and Geography courses also provide an overview of world geography. This course is designed to support students in becoming knowledgeable citizens through developing skills such as inquiry, analysis and interpretation.
<b>Course #:</b>	04052G	
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	11	
<b>Fee:</b>	None	
<b>Prereq:</b>	This course is a graduation requirement.	

<b>PSYCHOLOGY, INTRO TO</b>		This introductory course in psychology is a survey of the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social and vocational settings.  Note: This is a college level class that requires a strong work ethic and outside of class preparation.
<b>Course #:</b>	04254E	
<b>HS Credit:</b>	.75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	
<b>NTC#:</b>	10-809-198	

<b>NTC cred:</b>	3*	<i>*Pending Dual Credit for Intro to Psychology when completing SHS program requirements and meeting post-secondary program requirements of an A, B, or C.</i>
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<b>SOCIOLOGY, INTRO TO</b>		This course introduces students to the basic concepts of sociology: culture, socialization, social stratification, multiculturalism, and the five institutions, including family, government, economics, religion, and education. Other topics include demography, deviance, technology, environment, social issues, social change, social organization, and workplace issues.
<b>Course #:</b>	04258E	Note: This is a college level class that requires a strong work ethic and outside of class preparation.
<b>HS Credit:</b>	.75*	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	<i>*Pending Dual Credit for Introduction to Sociology when completing SHS program requirements and meeting post-secondary program requirements of an A, B, or C.</i>
<b>Prereq:</b>	None	
<b>NTC#:</b>	10-809-196	
<b>NTC cred:</b>	3*	

<b>AP World History</b>		Study the cultural, economic, political, and social developments that have shaped the world from c. 1200 CE to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments.
<b>Course #:</b>	04067E	Note: College credit can be earned upon successful completion of the AP test at the end of the course.
<b>HS Credit:</b>	1.0	
<b>Duration:</b>	Year	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	Optional AP test fee	This course meets the graduation requirement for World History.
<b>Prereq:</b>	None	

<b>CONTEMPORARY WORLD ISSUES</b>		In this class, students will study the relationship between literature, arts, culture, and history. This class will provide college preparatory experience in writing and research while giving students an opportunity to delve deeper into areas of history they haven't covered in previous Social Studies classes. We will cover a variety of relevant topics such as oppression, genocide, and terrorism, through study of primary sources, historical analysis, and literature. The class will culminate in an action-based project.
<b>Course #:</b>	04064G	
<b>HS Credit:</b>	.5	
<b>Duration:</b>	Semester	
<b>Grade(s):</b>	11-12	
<b>Fee:</b>	None	
<b>Prereq:</b>	None	

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. <b>Offered at Stratford for grades 11 and 12 only.</b> See Distance Learning Section of the Course Description Book for more information on any of these listings:	
Current Events in Criminal Justice	UW History 201: US History to 1877
Economics	UW History 202: US History Since 1877
Introduction to Ethics	
Introduction to Counseling	
Legal Terminology	
Thinking Critically and Creatively	

## **WORLD LANGUAGE**



Courses Required For Graduation From This Department: None

### **SPANISH I**

**Course #:** 24052G  
**HS Credit:** 1.0  
**Duration:** Year  
**Grade(s):** 9-12  
**Fee:** None

A first year course in the study of the Spanish language provides a broad introduction to the language, and culture of the Spanish-speaking world. Students will acquire skills in reading, listening, writing, and speaking in Spanish by being immersed in comprehensible language through the use of interesting cultural stories, videos, music, and games. We will read two novels during the course.

**Prereq:** B- or higher in previous English courses and Consent of Instructor  
 Please ask instructor to approve with a signature on your registration form understanding the staff may not recommend based on previous foreign language performance.

### **SPANISH II**

**Course #:** 24053G  
**HS Credit:** 1.0  
**Duration:** Year  
**Grade(s):** 10-12  
**Fee:** None

Spanish II builds on the foundation of level I using more complex structures of basic Spanish and expands the cultural themes already set forth. The course is a continuation of language learning through storytelling strategies and varied activities in music, movies, and theater. Students will learn to use the language while learning about food, holidays, daily life, and other fascinating aspects of culture. We will read two novels during the course.

**Prereq:** Spanish I & Consent of Instructor  
 Please ask instructor to approve with a signature on your registration form understanding the staff may not recommend based on previous foreign language performance.

### **SPANISH COLLEGE AND CAREER A-D**

**Course #:** 24099A  
 24099B  
 24099C  
 24099D  
**HS Credit:** 0.5 may be repeated  
**Duration:** Sem

This rotating series of courses is specifically designed for students hoping to attain a level of Spanish fluency that would be functional in the workplace or to continue to study Spanish after high school. Each of these four unique semesters of College and Career Spanish starts with a review of necessary skills and vocabulary. These courses are appropriate whether you have taken time off from learning Spanish or you have been enrolled in Spanish classes without interruption. These courses can be taken in any sequence and at any time after

<b>Grade(s):</b>	11-12	completing Spanish 2 without worry of being too far ahead of or behind your classmates. Because students of varying language levels will be together in one class, your reading, writing, and conversation skills will be evaluated based on your own individual language proficiency and goals. A and B sections of this course will typically be offered on opposite years of C and D.
<b>Fee:</b>	None	
<b>Prereq:</b>	Spanish II Successful Completion or Consent of Instructor	

Distance Learning Opportunities may be available depending upon time class, room availability and number of students requesting the course. **Typically offered at Stratford for grades 11 and 12 only with the exception of foreign language which may be offered with administrative approval for Grades 9-12. Students wishing to request a language other than Spanish must write a letter of request to the principal no later than February 1st.** Virtual Course Request Forms are available on the District ACP and Counselor websites.

See Distance Learning Section of the Course Description Book and the school counselor for more information on these and other options:

German 1  
 French 1 and 2  
 American Sign Language 1  
 Others possible through WVS or CWETN

# **WORK EXPERIENCE OPPORTUNITIES**

## ***Career and Technology Education Category***

### **TEACHER ASSISTANT (TA)**

**Teaching Assistant - .25 credit per semester**

See School Counselor for Specific Course #

Juniors and Seniors may work with an assigned teacher to perform a variety of clerical type duties such as creating bulletin boards, copying, creating packets, etc... Students are required to complete an application process. Applications are available in the counseling office. Staff members will fill out a TA request. After reviewing applicants and staff requests, positions will be filled.

#### **GENERAL REQUIREMENTS AND RULES:**

- Seniors status preferred, however, Juniors may be considered based on application and availability of positions.
- Must be on track to graduate.
- 95% attendance in High School required.
- Maximum of one TA period per semester allowed.
- High School credit will be earned with satisfactory completion of work evaluations which includes attendance, responsibility and safety, independence and initiative, works skills/quality and efficiency, care of the work environment and personal appearance and attitude toward supervisors and peers.
- Pass/Fail Grading System which does not factor into GPA unless the grade is a Fail
- TA is an elective credit.
- Application Process is required. Application forms are available in the Counseling Office.

### **WORK EXPERIENCE**

**.5 credit per semester for elective credit**

See School Counselor for Specific Course #

#### **GENERAL REQUIREMENTS AND RULES:**

- Seniors status preferred, however, Juniors may be considered based on application and availability.
- Must be on track to Graduate.
- 95% attendance in High School required.
- Two work experience periods are only an option if there is no study hall in the student schedule.
- High School credit will be given with satisfactory completion of work evaluations.
- Pass/Fail Grading System. (Does NOT factor into GPA for a Pass but does for a Fail.)
- High School credit will be earned with satisfactory completion of work evaluations which includes attendance, responsibility and safety, independence and initiative, works skills/quality and efficiency, care of the work environment and personal appearance and attitude toward supervisors and peers.
- No pay during Work Experience assignment.

## **WORK EXPERIENCE continued**

- Work Experience Assignment must be during the school day but may include outside of the school day time for pay.
- Job shadowing may be incorporated into work experience for students who would like to explore a variety of career experiences to assist in making post-secondary decisions. When job shadowing / work experience cannot be scheduled on a daily basis, online course work in career management and / or courses related to career interests will be utilized to fulfill the credit requirements.
- Application Process is required. Application forms are available in the Counseling Office.
- Work placement positions depend upon the availability of job sites.

### **POSSIBLE OPTIONS for Work Experience**

Bank Teller  
Classroom Assistant working directly with students  
Floral Assistant  
School Secretarial Assistant  
Auto Body Technician assistant

Activities Director Assistant  
Elderly Care Assistant  
Computer Lab Assistant  
Computer Technician Assistant  
Cooks Assistant  
Others as availability allows or not following within a  
YA program

# **YOUTH APPRENTICESHIP (YA) PROGRAMS**

## ***Career and Technology Education Category***

Juniors and Seniors (May start summer after Sophomore Year)

See Counselor for specific course number.

Youth Apprenticeship Programs are a rigorous one year (450 hour) or two year (900 hour) elective programs that combine academic and technical instruction with mentored, paid, on-the-job learning that makes a real world connection for students. Students also take related high school or college classes to enhance their worksite experiences. Students who have an interest in a particular apprenticeship and a specific worksite may see the school counselor. The student and school counselor work together to locate a placement. All YA placements are worth two credits however may be scheduled during and/or outside of the school day.

Students who already have a work placement outside of school may also qualify for a Youth Apprenticeship. See the school counselor for qualifying skills checklists and categories.

### ***AGRICULTURE, FOOD AND NATURAL RESOURCES***

# 18998G = .5 credit

# 189981 = 1 credit

# 189982 = 2 credits

Students interested in agriculture, veterinary science, floral/greenhouse or landscaping are encouraged to consider a one or two year apprenticeship program working with a company or facility in a related field. Students will need related agriculture and/or science course work and encouraged to participate in FFA.

### ***ARCHITECTURE AND CONSTRUCTION***

# 17998G = .5 credit

# 179981 = 1 credit

# 179982 = 2 credits

Students who have an interest in architectural drafting or architectural planning are encouraged to consider a one or two year apprenticeship program working with a company in this field. Students will need related industrial tech and/or math course work.

### ***ARTS, A/V TECHNOLOGY AND COMMUNICATIONS***

# 10248G = .5 credit

# 102481 = 1 credit

# 102482 = 2 credits

Students who have an interest in the graphic design may want to consider a youth apprenticeship in this category. Related coursework in the business education and art departments would be an important component to this apprenticeship.

### ***FINANCIAL SERVICES***

# 12148G = .5 credit

# 121481 = 1 credit

# 121482 = 2 credits

Students interested in the world of Banking and Finance are encouraged to be in this one or two year apprenticeship program. Students who have taken Information Processing 1 and Accounting 1 are eligible for this program. Students would work in a financial institution working with accounting, banking or insurance.



### *HEALTH*

# 08098G = .5 credit

# 080981 = 1 credit

# 080982 = 2 credits

This is a one year program designed for students who are interested in a career in the health field. For this one-year program, seniors will work two class periods a day at the job site. A total of 450 hours are needed. The summers before the senior year can be used as employment hours toward the 450 hours. Students are required to take Medical Terminology during their junior year, and take CNA prior to their senior year.

### *HOSPITALITY AND TOURISM*

# 16998G = .5 credit

# 169981 = 1 credit

# 169982 = 2 credits

Students with an interest in working in the hotel, restaurant, and travel or tourism industry might be interested in this Youth Apprenticeship. Related coursework and worksite placement in a hotel, restaurant or tourism facility.

### *INFORMATION TECHNOLOGY*

# 21098G = .5 credit

# 210981 = 1 credit

# 210982 = 2 credits

Students with an interest in computer industry hardware and /or software, web and digital media may have an interest in this youth apprenticeship to help them make post-secondary and future career decisions.

### *MANUFACTURING*

# 13998G = .5 credit

# 139981 = 1 credit

# 139982 = 2 credits

Assembling, packaging, manufacturing, machining, production operations and industrial equipment are the focus of the manufacturing youth apprenticeship. This one or two year program has a lot to offer students interested in the manufacturing industry.

### *MARKETING*

#12198G = .5 credit

#121981 = 1 credit

#121982 = 2 credits

Marketing engages in a wide variety of industries and sectors. Activities can include advertising, selling, managing, merchandising, and research. The YA Marketing Career Pathway offers four units of entry level experiences in sales, merchandising, research, advertising and communication, and marketing management.

### *SCIENCE, TECHNOLOGY, ENGINEERING AND MATH*

# 21048G = .5 credit

# 210481 = 1 credit

# 210482 = 2 credits

Engineering drafting, mechanical/electrical engineering and civil engineering field offers many great career opportunities. Students interested in this youth apprenticeship will have great experiences to explore the science, technology, engineering and math fields.

### *TRANSPORTATION, DISTRIBUTION AND LOGISTICS*

# 20998G = .5 credit

# 209981 = 1 credit

#209982 = 2 credits

Auto collision, auto technician, logistics and supply chain youth apprenticeship cover vehicle basics, general service, auto repair, painting, refinishing, auto electronics, suspension, steering, brake systems, planning and purchasing, inventory, warehouse management and more. Students with an interest in these areas might want to consider this youth apprenticeship.

### *WELDING*

# 13248G = .5 credit

# 132481 = 1 credit

# 132482 = 2 credits

This is a one or two year program designed for students who are interested in a career in welding. For the two-year program, students will spend at least two hours a day during their junior year, and three hours a day during their senior year at a work site. A total of 900 hours is required to get the certification. For the one-year program, seniors will work 3 hours a week at the job site. A total of 450 hours are needed. The summers before the junior and senior year can be used as employment hours toward the 450 or 900 hours. To be eligible for the program, a student must have had Exploring Technology, Metals I (Machine Metals), Metals II (Metal Fabrication) and also recommended to have completed or be currently scheduled in Metals III (Advanced Metals).

## **DISTANCE LEARNING OPPORTUNITIES**

***It is recommended that all students pursuing post -secondary education of any kind experience some distance learning opportunity as there will be similar class formats at the post-secondary level.***

Students and parents are required to sign a behavior and academic contract for participation as well as a financial responsibility statement. Students who fail, who are removed from a course due to behavioral concerns or who have not completed the course, within the timelines, are required to reimburse the district for the course costs, which vary depending upon the institution offering the course and the number of students enrolled.

There are links on the SHS counseling website course directory for the distance learning courses where students may access instructor contact information when available, course syllabi, assignments and more. Some distance learning courses also have other website links to access information from instructors and grades. It is critical for students to access these sites, to keep up with course information and assignments and to keep unique passwords over time to access future course information and grades. Some coursework is submitted electronically to instructors directly and some coursework is submitted to the school counselor or distance learning assistant to submit electronically. Some courses require internet access for completing assignments and may also incorporate phone or tablet apps. Technology proficiency is very important for student success.

Some courses may run on a typical Stratford school day schedule while some run on the schedule of the host school or post-secondary institution. Some of the technical school courses may start later in the year or semester or end earlier in the semester or year than high school courses. **When students do not have class they are required to report to study hall. When SHS adjusts the schedule differently in the day, it is the responsibility of the students to inform the host school instructor ahead of time of the schedule changes and when possible attend the distance learning class, communicating the changes with your SHS teaching staff of missed classes.**

Textbooks are typically provided by the host school district unless the text is consumable, at which point the student may be responsible for the course book costs. NTC (Northcentral Technical College) has moved to digital textbooks for many of their classes, which are considered consumable. Students in NTC courses may be charged a one time per semester fee of approximately \$100.00 for the use of the digital services for the semester. Students may be responsible for these digital service fees each semester of dual credit courses and charged by the Stratford School District to the student fee account.

## **ODYSSEYWARE COURSES**

The School District of Stratford has contracted several course positions each period of the day where students may take a virtual course that is not offered at Stratford High School as long as there is a staff member who is certified to oversee the course. These courses are typically reserved for credit recovery, special education, English language learning, remediation but may also be used for course replacement, standardized test prep, diagnostic testing and other purposes.

OdysseyWare courses are full online education courses that require students to self-pace. Students are assigned a particular period of the day and may work in the course other hours if all of the positions are not filled with students or may also work from home when positions are not filled. See the school counselor for questions regarding courses available and the need for this type of a course in the schedule. Students are expected to stay at the pace of a typical quarter and semester for course completion. Grades are calculated according to the percent of the class that should be completed at each grading period.

## **RURAL VIRTUAL ACADEMY COURSES**

The School District of Stratford has established a partnership with the Rural Virtual Academy, a virtual education program in which an off campus certified instructor oversees the curriculum, course work and evaluation of the course. These courses may be offered when there has been an identified need, to offer a course other than a course offered at Stratford High School. Students taking part in RVA courses will need to be technologically proficient, self-motivated, independent, organized and possess skill in self-pacing. All distance learning course opportunities are pending Board of Education approval for funding and administrative review of transcript to ensure academic readiness. **Students must provide a written request with parent signature to the principal for requesting Rural Virtual Academy Courses.**

**AP (Advanced Placement) courses vary - consult with school counselor for courses available.**

**World Language options - German, French, Italian, Russian, Mandarin, and Japanese may be offered in a one to four year sequence.**

**Virtual Request Forms are available on the district High School Counseling website and are required for course approval.**

## **HIGH SCHOOL-TO-HIGH SCHOOL COURSES**

**Juniors and Seniors** at Stratford High School may consider course offerings through CWETN (Central Wisconsin Educational Technology Network). These courses are available through a school distance learning network but must fit into the student's Stratford schedule to be placed on their schedule.

Administrative approval must also be granted for these classes. Although some courses may be available from the host school to Freshman or Sophomores it is Stratford School District past practice to **only allow juniors and seniors** to participate in the distance learning courses due to the maturity required for these types of courses. However, special requests may be considered as long as the class is not for college or technical school credit. See the school counselor with questions.

**The deadline for dropping high school to high school courses is June 1. After that the parent/student will reimburse the district for the course costs for courses dropped as commitments are made to the program by June 1.**

Some of these courses may be offered for technical school dual credit at the instructor's discretion.

### **BUSINESS AND INFORMATION TECHNOLOGY – Distance Learning**

<b><u>COURSE TITLE</u></b>	<b><u>GRADE</u></b>	<b><u>CREDIT</u></b>	<b><u>PREREQUISITE</u></b>
<b>Accounting</b>	<b>11-12</b>	<b>1</b>	<b>NONE</b>

**#12104G**

This course prepares the learner to analyze, record, summarize, and interpret accounting information. This course focuses on business transactions, financial statements, merchandising business transactions, internal controls, receivables, and plant assets, and it introduces current liabilities. The learner will prepare accounting transactions for a merchandising business, including month-end transactions and preparation of the financial statements.

Pending NTC Dual Credit if "C" or better is earned and host school offering. Hosted by a variety of schools. Course descriptions may vary based on host school. Estimated consumable textbook cost \$50.

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<b>Business Law</b>	<b>11-12</b>	<b>.5</b>	<b>NONE</b>
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**# 12054G**

Subjects covered will be business laws and their ethical foundation, court systems, criminal law as related to business, business contracts, consumer protection, business ownership and leasing of business real estate, employment law, legal forms of business organization, business cyber laws, E-commerce, and the history of business law cases. We will have mock trials to apply the concepts learned. Hosted by a variety of schools Course Descriptions may vary based on host school.

## Business and Information Technology Distance Learning Continued

COURSE TITLE	GRADE	CREDIT	PREREQUISITE
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### Marketing 1

# 12151G

Prerequisite(s): None

Grades: 11-12

Description: This introductory course is offered to students who are interested in the areas of marketing, advertising, or merchandising. This will be a student project based course with hands on learning activities. Students are introduced to concepts related to the business functions associated with directing the flow of products and services from the producer to the consumer. The following areas will be covered: human relations, communications, economics, salesmanship, leadership and career opportunities. This is a class that may be used with a student taking business apprenticeship. If Cengage (online NTC curriculum) is used for this course and the course is dropped at any point after the first day, a \$25 charge will apply.

Credits: High School (0.5); NTC Dual Credit for Juniors and Seniors. Length: 1 Semester

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Marketing II	11-12	.5	Marketing I
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# 12151E

In this course students use the marketing knowledge they have acquired in Marketing I to look deeper into the world of marketing and research marketing topics related to the following marketing related areas: sports and entertainment marketing, fashion marketing, sales, e-marketing, and global marketing. As with Marketing I, this course will be student project based with hands on learning activities. This is a class that may be used with a student taking a business apprenticeship.

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Sports and Entertainment Management	11-12	.5	Intro to Business
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#12163G

Sports and Entertainment Management

Prerequisite(s): Introduction to Business

Grades: 10-12

Description: Ever dream of owning your own business or sports franchise? In this class students will use a computer simulation to run a professional football franchise. Key principles of management will be discussed during the class as well as current topics and trends that are affecting sports and entertainment. This class is a great choice for any student (not just guys interested in football) considering business as a career or for any student looking for the challenge of running a simulated business. Students will need a computer with internet access for class.

Credits: High School (0.5) Length: 1 Semester

## **HEALTH Distance Learning**

<b>COURSE TITLE</b>	<b>GRADE</b>	<b>CREDIT</b>	<b>PREREQUISITE</b>
<b>Introduction to Counseling</b>	<b>11-12</b>	<b>.5</b>	<b>SEE TECHNICAL COLLEGE COURSES</b>

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Pending Dual Credit for HS and technical college when completing SHS program requirements and meeting post-secondary program requirements.

### **CNA Certified Nursing Assistant**

**NTC # 30-543-300**

Pending Dual Credit and course availability -

Individuals interested in exploring a health career may want to begin as a nursing assistant. The focus of the program is on providing personal care to residents/patients of nursing homes, hospitals and other health agencies. Student nursing assistants learn basic nursing and personal care. Employees in this field are required to do lifting and moving of residents/patients in bed and to and from chairs. The job also requires considerable walking and standing. Potential occupations include: Nursing Assistant, Home Health Aide. After successful completion of the Nursing Assistant course, students will be able to take the State of Wisconsin Nurse Aide Certification Exam. Certification is required for employment at any federally funded healthcare agency.

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**EMT Academy or EMT Course** – May be available for school day or outside of school day dual credit opportunity – see school counselor for more information

## ***SCIENCE*** ***Distance Learning***

<b><u>COURSE TITLE</u></b>	<b><u>GRADE</u></b>	<b><u>CREDIT</u></b>	<b><u>PREREQUISITE</u></b>
<b>Microbiology and Parasitology Biology</b>	<b>11-12</b>	<b>1</b>	<b>Chemistry &amp;</b>

**# 03060G**

This fun and lively advanced course looks at things such as why you, as well as other animals and plants, get sick. We'll explore many organisms usually too small without a microscope. Topics covered will most likely include a little history, very basic biochemistry, laboratory procedures, types of good and bad microorganisms, anatomy and growth of bacteria and viruses, ways to control microbes (including drugs and chemicals), some genetics, biotechnology, how our bodies fight infections, and many diseases (worldwide) that confront us throughout our lives. Laboratory work will include an extensive emphasis on modern biotechnology experiments related to microbiology. A few field trips to advanced level laboratories are planned. Laboratory and field trip work will most likely involve half or full days in Spencer / Marshfield area. Host School/Instructor: Spencer

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<b>Environmental Science</b>	<b>11-12</b>	<b>.5</b>	<b>None</b>
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**#18005G**

This course focuses on integrating our understanding of biological, physical and social science through the study of environmental interactions. In this class you will examine the causes, consequences, and potential solutions for both natural and human created environmental problems. Environmental Science includes many projects and group work along with an emphasis on current environmental issues.

Credits: High School (0.5) Length: 1 Semester (2nd Semester) Host School: Spencer

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<b>Pathophysiology</b>	<b>11-12</b>	<b>1.0</b>	<b>Previous or current coursework in</b>
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**#03063G** **Anatomy & Physiology and Chemistry**

Description: Description: A fascinating and in-depth look at the changes (deviations from normal) produced by a wide variety of common diseases, disorders, and injuries affecting humans throughout their lifespan. There will be a little review of normal structure and function, some laboratory work, and field trip opportunities.

Host School: Spencer



## **WORLD LANGUAGE    Distance Learning**

Hosted by a variety of schools - See Counselor for these or other foreign language options

All foreign language courses are offered for a full year, 1.0 credit

**French 1 #06121**

**French 2 #06122**

**German I #06201**

## **TECHNICAL & UNIVERSITY COLLEGE CREDIT COURSES**

Courses are taught by certified instructors at NTC (Northcentral Technical College) or UWSP, using technical or University college books and materials. Students receive regular technical or university college credit upon successful completion of the course(s). **Upon successful completion of the course**, students will receive an official transcript with grade and credit(s) recorded at the technical or university college. Students enrolled in technical or university college courses will also receive high school credit (dual credit) meeting high school graduation requirements. When future transcripts are requested for these courses for places of employment or post-secondary institutions, transcripts will need to be requested by the student from the technical or university college assigning the credit, not from the high school.

These courses are of college level integrity and rigor. Courses will be taught on the technical or university college calendar as stated in the course syllabus. Absences due to conflicting high school activities must be pre-arranged with the instructor, and students will be responsible for any missed work.

Typically there is a 2 week window to drop these courses at no cost (if NOT high school to high school) at the start of the semester, however, check with the counselor on specific dates.

**\*\* Are you wondering how your Technical College course might transfer into one of the UW-System campuses?** You can look up specific courses and campuses at this website: [www.uwsa.edu/tis/](http://www.uwsa.edu/tis/). The Transfer Information System (TIS) is managed by the University of Wisconsin System and developed in conjunction with the Wisconsin Technical College System.

### **Start College Now (SCN) Program**

The Start College Now (SCN) program allows pupils who have completed 10th grade to have the option to take one or more courses at an institution of higher education (IHE) for high school and/or technical college credit. For the SCN program, IHE refers to an institution within the Wisconsin Technical College system. A pupil who intends to utilize the SCN program must adhere to the following timelines:

1. Students should apply to the school board by March 1st for the fall semester and October 1st for the spring semester. SCN is not available for summer courses.
2. SCN paperwork specific to the IHE for which students are requesting courses is available on IHE websites or through the school counseling department.

### 3. Additional Information:

- a. The student / family is responsible for any transportation costs involved.
- b. Students must be in good academic and disciplinary standing to be considered.
- c. There may be some course options available through SHS distance learning opportunities for Gr 11 and 12

### Early College Credit Program (ECCP)

The Early College Credit Program (ECCP) was established in 2017 as a replacement for the Youth Options program. The ECCP allows Wisconsin public and private high school students to take one or more courses at an institution of higher education (IHE) for high school and/or college credit. For this program, IHE refers to an institution within the University of Wisconsin system, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. Technical colleges are not eligible institutions under this program. A pupil who intends to utilize the ECCP program must adhere to the following timelines:

1. Immediately contact the IHE from which admission is being sought to determine the application and admission process required by the IHE.
2. By October 1st, (for classes being held in spring semester of the current school year) or by March 1st (for classes being held in the fall semester of the next school year) notify the school board of the district in which the pupil is enrolled, of his or intention to attend an IHE under the ECCP program.
3. The notification must include the following information:
  - a. Pupil's name, address, date of birth, telephone number, and grade in school
  - b. Name of the pupil's parent or guardian
  - c. Name of the IHE the pupil plans to attend
  - d. Title of the postsecondary course or courses in which the pupil intends to enroll
  - e. Number of postsecondary credits for each course
  - f. Whether the postsecondary course will be taken for high school or postsecondary credit
4. As soon as possible, notify the school board whether the pupil has been admitted to the IHE and whether the pupil is registered to attend a postsecondary course
5. The school board, by November 15 (for the spring semester of the school year), or by May 15 (for the fall semester of the school year,) will notify the pupil if the postsecondary course selected will be awarded high school credit and how much credit will be awarded.
6. Within 30 days after receipt of the school board's decision regarding satisfaction of high school graduation requirements or the number of high school credits to be awarded, a pupil may appeal the school board's decision to the state superintendent.
7. Additional Information:
  - a. The student / family is responsible for any transportation costs involved.
  - b. Students must be in good academic and disciplinary standing to be considered.
  - c. There may be some course options available through SHS distance learning opportunities for Gr 11 and 12

If you have any questions regarding the Start College Now or Early College Credit Program, please contact Mrs. LaBorde.

The Stratford Board of Education has voted to pay for up to 24 college credits.

COURSE TITLE	GRADE	CREDIT	PREREQUISITE
Accounting 2	12	.75 SHS 4 Dual	Acct 1

**# 12104E**

Expands on the accounting concepts presented in Accounting 1. Introduces the learner to fixed assets, intangible assets, current and payroll liabilities, Partnerships, Corporations, bonds, the Statement of Cash Flows, and financial statement analysis. Demonstrate achievement by completion of various projects.

<b>COURSE TITLE</b>	<b>GRADE</b>	<b>CREDIT</b>	<b>PREREQUISITE</b>
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**ECE: Foundations of Early Childhood Education (Blended Distance Learning)**

<b>#191531</b>	<b>12</b>	<b>.75 SHS 3 Dual</b>
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ECE: Foundations of Early Childhood Education 10-307-148 (Blended DL) \*\*The three ECE courses will be offered in a year-long sequence. Successful completion of all three courses earns students NTC's Early Childhood Licensing Basic Ages 0-2 state certificate, which is eligible for incentive grant reimbursement under currently released guidelines.\*\* This course introduces you to the early childhood profession. Course competencies include: integration of strategies that support diversity and anti-bias perspectives; investigate the history of early childhood education; summarize types of early childhood education settings; identify the components of a quality early childhood education program; summarize responsibilities of early childhood education professionals; explore early childhood curriculum models, and analyze the principles of the WI Model Early Learning Standards.

**ECE: Infant & Toddler (Blended Distance Learning)**

<b>#191532</b>	<b>12</b>	<b>.75 SHS 3 Dual</b>
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You will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integration of strategies that support diversity and anti-bias perspectives, analyze development of infants and toddlers (conception to three years), correlate prenatal and postnatal conditions with development, summarize child development theories, analyze the role of heredity and the environment, examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception through age three) and examine caregiving routines as curriculum.

**ECE: Health, Safety and Nutrition (Blended Distance Learning)**

<b>#191533</b>	<b>12</b>	<b>.75 SHS 3 Dual</b>
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This course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting. Course competencies include: integration of strategies that support diversity and anti-bias perspectives, follow governmental regulation and professional standards as they apply to health, safety, and nutrition, plan a safe early childhood environment, plan nutritionally sound meals, examine child Abuse and Neglect (CAN) issues and mandates, apply Sudden Infant Death syndrome (SIDS) risk reduction strategies and apply strategies to prevent occurrence of Shaken Baby Syndrome (SBS) and incorporate health, safety, and nutrition concepts into the children's curriculum.

<b>COURSE TITLE</b>	<b>GRADE</b>	<b>CREDIT</b>	<b>PREREQUISITE</b>
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<b>Legal Terminology (106-162)</b>	<b>11-12</b>	<b>.75</b>	<b>None</b>
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**#04166**

Emphasis is placed on developing an understanding of legal terminology through the study of law itself and on using legal terminology in many different ways. Legal terminology covers general law terms as well as specialized legal terminology. A sound knowledge of terminology is the key foundation for anyone considering a career in the legal or business world. Credits: CVTC Credit (3.0) Length: 1 semester

<b>Professional Networking and Development in Supply Chain Process Management (Online)</b>	<b>11-12</b>	<b>.5</b>	<b>None</b>
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<b>#12052</b>			
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Description: Investigate career options and learn related job skills, salaries, and employment trends in the supply chain management field. Students will practice job seeking skills as they research a particular job and company. Students will develop a cover letter, resume, and a follow-up letter. Common interviewing and communication skills required for the supply chain management professional will also be addressed.

<b>Economics (10809195)</b>	<b>12</b>	<b>.75</b>	<b>See description</b>
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**#04201E**

Prerequisite(s): Placement Test Scores ACT Reading 13+, COMPASS Reading 60+, ACCUPLACER Reading 70+, ACCUPLACER Next Generation Reading 250+. In place of test scores, seniors may provide a junior year transcript with a high school GPA of 2.6 or greater. This class requires student participation online in addition to being an Interactive Distance Learning class. Learn more about Western's online learning resources at [www.westernnc.edu/getready](http://www.westernnc.edu/getready). If you are enrolling in an online or blended class for the first time, you will be required to complete a series of online training modules prior to the start of the class. Description: This course is designed to give an overview of how a market-oriented economic system operates, and it surveys the factors which influence national economic policy. Basic concepts and analyses are illustrated by reference to a variety of contemporary problems and public policy issues. Concepts include scarcity, resources, alternative economic systems, growth, supply and demand, monetary and fiscal policy, inflation, unemployment and global economic issues.

Credits: Western Technical College Credit (3) Length: 1 Semester (1st & 2nd Semester)

<b>Current Events in Criminal Justice 10-504-173</b>			
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<b># 15051G</b>	<b>11-12</b>	<b>.75</b>	<b>None</b>
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Description: Students will explore nine current issues related to law enforcement of today. Students will be given scenarios that speak to those issues and will be expected to research, reflect and eventually respond to those scenarios in a manner that effectively addresses the issues being explored.

Credits: NTC Credit (3.0)

Host School/Instructor: NTC/TBA

Career and Technology Education Category

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<b>COURSE TITLE</b>	<b>GRADE</b>	<b>CREDIT</b>	<b>PREREQUISITE</b>
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**Introduction to Counseling (Blended or Online)**

<b># 19301G</b>	<b>11-12</b>	<b>.5</b>	<b>NONE</b>
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Prerequisite(s): This course will involve heavy writing, basic understanding of APA format preferred

Description: Ascertain foundational building block skills in the counseling relationship. Establish therapeutic relationship skills. Apply basic counseling techniques. Evaluate performance through mock counseling sessions and personal experience reflections. Determine issues of boundaries and ethics. Apply reflective practitioner methods.

Credits: NTC Credit (3.0) Length: 1 Semester and .75 HS credit

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**Introduction to Ethics (Blended or Online)**

<b># 04307</b>	<b>11-12</b>	<b>.5</b>	<b>None</b>
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Description: This course provides a basic understanding of the theoretical foundations of ethical thought. Diverse ethical perspectives will be used to analyze and compare relevant issues. Students will critically evaluate individual, social and/or professional standards of behavior and apply and apply a systematic decision-making process to these situations.

Credits: NTC Credit (3.0) Length: 1 Semester .75 HS Credit

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**Think Critically and Creatively (Blended or Online)**

<b># 22106</b>	<b>11-12</b>	<b>.5</b>	<b>NONE</b>
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This course provides instruction on the vital, realistic and practical methods of thinking which are in high demand in all occupations of substance today. Decision making, problem solving, detailed analysis of ideas, troubleshooting, argumentation, persuasion, creativity, setting goals and objectives and more are considered in depth as the student applies specific thinking strategies and tools to situations in a wide variety of workplace, personal, academic and cultural situations. Classroom instruction is demonstration, discussion, project, and teamwork based. Assignments range from short and simple to the detailed and complex. Reality and practicality are the focuses all through the course. These skills are in high demand by employers. Having this course in your background can significantly enhance your appeal as an employee. It certainly will make you a more adept and confident person

Credits: NTC Credit (3.0) Length: 1 Semester .75 HS Credit

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**American Sign Language I**

<b>#06801G</b>	<b>11-12</b>	<b>.5</b>	<b>None</b>
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Description: Communication with the Deaf and Hard of Hearing is an introductory sign language class.

Credits: NTC Credit (2.0)

<b>COURSE TITLE</b>	<b>GRADE</b>	<b>CREDIT</b>	<b>PREREQUISITE</b>
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<b>Academic Success Strategies (890-205)</b>	<b>11-12</b>	<b>.5</b>	<b>None</b>
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**#72003G**

This one credit course covers success strategies for academic, professional, and life contexts. Students will learn about the academic community, and they will learn strategies and tactics related to effective studying, time management and prioritization, and problem solving. Emphasis will be placed on service learning and community involvement.

Credits: CVTC Credit (1.0) Length: 1 Semester

**Dual Credit - There are courses in a variety of departments that may be offered as technical college Dual Credit courses or UW System Dual Credit courses. See individual department course listings and the Youth Options information in this course description booklet.**

## UNIVERSITY CREDIT COURSES

These courses are university level integrity and rigor and University of Wisconsin System credit is earned. Courses will be taught through the university calendar as stated in the course syllabus. Absences due to conflicting high school activities must be pre-arranged with the instructor, and students will be responsible for any missed work.

### UW ENGLISH 101

Course #:	01101E	UW English 101 is offered through the UW System. Critical reading, logical thinking and effective writing. Write frequently in and out of class using specific rhetorical strategies for a variety of purposes and audiences.
HS Credit:	.75	
Duration:	Semester	
Grade(s):	12	
Fee:	None	
Prereq:	Satisfactory UW English placement test at 101 level	
UWEC#:	ENGL 101	*This is a dual-enrollment course for college credit based on the WPA Outcomes for First-Year Composition when students complete both SHS and post-secondary program requirements.
UW cred:	3.0*	UW FRESHMAN ENGLISH

### UW ENGLISH 202

Course #:	01102E	UW English 202 is offered through the UW System. Analytical reading and writing and the methods of inquiring common to various academic disciplines. Write frequently in and out of class, using suitable sources of information and appropriate documentation methods.
HS Credit:	.75	
Duration:	Sem	
Grade(s):	12	
Fee:	None	
Prereq:	B- or better in HS English and pass the UW English placement test at 202 level or successfully complete UW ENG 101 & 202 or UW ENG 150	
UWEC#:	UW ENG 202	*This is a dual-enrollment course for college credit in UW ENGL 202 SOPHOMORE ENGLISH
UW Cred:	3.0*	

## ADDITIONAL UNIVERSITY OPPORTUNITIES

**Introduction to Teaching UW RF TED 100 12 .5 each course**

**#191541**

**Intro to Teaching Practicum - continuation of TED 100 with 5 hours / week in an elementary classroom**

**#191542**

**PreRequisite:** 3.0 GPA; top 40% of class This course is offered on T/Th via ITV from 9-9:50 during fall semester. The other three days, students work in an elementary classroom under the supervision of a mentor teacher. Students have the option of completing an additional one-credit practicum during January working in their mentor teacher's elementary classroom for an hour/day M-F. Students will need access to internet, email, and D2L.

**Description:** Introduction to Teaching is designed for prospective teachers and other education professionals and serves as an introduction to both the field of education and to the Teacher Education program at UW-River Falls. The course provides an introduction to interrelated aspects of education across three levels of analysis: 1) Individual (teacher, child); 2) Institution (school as a place to work and learn); 3) System (schooling as reflective and transformative of society). Students learn through readings, class activities and discussions, assignments that utilize inquiry processes, and visits to educational settings. Several written assignments require students to reflect on their experiences and learning. An initial face-to-face meeting will be required at the beginning of the course. A daylong UW-RF campus experience will be coordinated. School District Commitment: a minimum of 2 enrolled students (junior/senior status); a minimum of 2 mentor teachers (grades 4K-5) to provide authentic weekly classroom experiences for the high school students and engage in discussions about the profession; the ability for students to be observed via ITV in the elementary classroom setting; transportation to and from two face-to-face events with an accompanying adult.

**HIST 201 US History to 1877 Gr 11-12 1 sem .75 HS and 3 Dual credit**

**#04102D**

**Prerequisite:** Successful completion of full year of US History in HS

This course is designed to introduce students to the political, economic, and cultural events and problems in American history up to 1877. This college level survey will provide students with analytical skills, factual knowledge, and writing abilities necessary to investigate and understand the nation's political, diplomatic, intellectual, cultural, social, and economic history from inception to 1877. Major areas of concentration include: voyages of discovery and early European settlement in North America; colonial rivalries; the struggle of English colonies for independence; expansion and development of young republic; crisis of Civil War and finally, reconstruction.



**HIST 202 US History Since 1877** Gr 11-12 1 sem .75 HS and 3 Dual

**Prerequisite:** Successful completion of full year of US History in HS

**#04103D**

This course is designed to introduce students to the political, economic, and cultural events and problems in American history since 1877. This college level survey will provide students with analytical skills, factual knowledge, and writing abilities necessary to investigate and understand the nation's political, diplomatic, intellectual, cultural, social, and economic history from 1877 to the present. Major areas of concentration include: The Forging of an Industrial Society; Expansion of America; Struggle for Justice Home and Abroad; and the Making of Modern America.

**Math Courses** – UW math availability dependent upon UW schedules, prerequisites and institution or technical college equivalent courses

**Other courses may be available through ECCP options. Check the local UW course online catalogs.**

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## **ADVANCED PLACEMENT COURSES**

Advanced Placement courses allow high school students the possibility to earn University credit while still in high school in an intellectually stimulating and rewarding environment. Advanced Placement courses are offered in over 10,000 American high schools and in 64 foreign countries and are specifically designed to offer challenging, college-level coursework for willing and academically prepared high school students. Student performance on AP Exams illustrate that in many cases AP courses are best positioned as part of a student's 11<sup>th</sup> and 12<sup>th</sup> grade academic experience. Some subject areas, however, such as World History and European History, can be successfully offered to academically prepared 10<sup>th</sup> grade students. AP courses are rarely offered in 9<sup>th</sup> (and 10<sup>th</sup>) grade and exam results show that for the most part. Students in 9<sup>th</sup> grade are typically not sufficiently prepared to participate in a college-level course. Therefore the College Board believes these students would be better served by coursework focusing on the academic building blocks necessary for later, successful enrollment in college-level courses. Many college admissions officers support this position....AP coursework completed in 9<sup>th</sup> grade is not often deemed credible by the higher education community..... The AP label cannot be affixed to courses and transcripts prior to 9<sup>th</sup> grade... with one exception (of) AP world languages courses.' (College Board)

College credits are not automatically earned upon course completion. Students may take the option of paying for and completing the AP exam for the specific course. All students across the world take the exam on the same date and time. Exam costs are typically under \$100 per exam.

Each post-secondary institution and individual program at the institution makes the decision on the score that will be accepted as college credit for that program or institution. Scores up to 5 points will be earned as an overall score. Some programs may accept a 3, 4 and some will only accept a score of 5. Contact the post-secondary institutions of your choice for their individual requirements.

If you have a desire for more advanced courses at an AP level, please see the school counselor for options.

AP Coursework is typically HIGH SCHOOL to HIGH SCHOOL Distance Learning. Refer to the deadlines for dropping 'high school to high school' courses in the previous section labeled as such.

## **ACADEMY PROGRAMS**

### ***Career and Technology Education Category***

- Academy programs are a block of courses in a single concentrated area of study of high interest for dual (HS and technical college) credit.

- Courses are typically held in a 3 hour block 2 or 3 days a week. The opposite days there may be an opportunity for a Youth Apprenticeship, job shadow or other online courses.
- Each academy is held at a host school, online programming or Northcentral Technical College. Students are responsible for their own transportation to their academy placements. In the event of inclement weather or school days scheduled off at SHS, the schedule of the host school is followed, however, safety is the number one consideration.

Academies are typically offered in the following areas:

- Business
- Culinary Arts
- Early Childhood Education
- EMT - Emergency Medical Technician
- Information Technology
- Manufacturing

Please consult with a school counselor if you are interested in an Academy opportunity in your senior year.

## **STUDY ABROAD POLICY**

### **SCHOOL DISTRICT OF STRATFORD**

### **Board Policy 3440**

Study abroad experiences provide an opportunity for students to travel outside of the United States, to become immersed in another culture and language, see the world and increase global awareness. The School District of Stratford is supportive of students who choose this cultural experience while remaining a Stratford School District student.

**Study Abroad Programs** There are a variety of study abroad programs available and the decision for the company or program is up to the study abroad student's family. Information about a variety of programs can be requested from the school counselor.

Prior to departure, students must submit to the superintendent or designee:

- documentation from the study abroad sponsoring agency
- Stratford High School pre-approved contracted study abroad forms

**Financial Statement** Considerations will be made to educationally support the study abroad opportunity however, students in the School District of Stratford who choose to study abroad during any time of their Stratford enrollment do so at their own personal cost and no cost to the School District of Stratford.

### **Credit and Graduation Requirements**

- If the student intends to earn a diploma from Stratford High School, all SHS graduation requirements need to be met for required and elective course credits and full time student status according to Stratford School District standards are met.
- Completion of a full school year, full time student status study abroad experience, during the regularly scheduled school year will be credited as 6.5 elective credits for a student toward SHS graduation credits or 3.25 for a semester study abroad experience with the understanding that:
  - Students must be involved in an approved study abroad program for a minimum of one semester to earn credit
  - Passing grades from the school at the foreign placement are submitted at semester and the end of the year to Stratford High School
- The credits will be graded with a Pass/ Fail standard upon completion of the Stratford Study Abroad course requirements and will be conducted virtually.
  - 'Pass' grades on the Pass/Fail standard, according to SHS grading criteria, are not factored into grade point average (GPA) calculations.
  - 'Fail' grades on the Pass/Fail standard, according to SHS grading criteria, are factored into GPA calculations.
- Semester credits earned will be awarded at the semester break as typical to other classes at Stratford High School.
- If a student requests to take an advanced course, typically held at Stratford High School or through distance learning opportunities, prior to the study abroad experience and opportunity would not allow for it to be taken upon returning before graduation or for the prerequisite

course to be completed due to the experience, the student may take a placement test to be considered for eligibility in the advanced course. If the placement test score(s) and recommendations by Stratford content staff qualify, the student may be placed in a Stratford course that would typically not be offered to a student of that grade (unless university or technical school requirements prohibit it).

- At semester and at the end of the school year, the student must submit to the SHS office a student transcript from the host school and/or documentation of studies.

### **Student Awards and Scholarships**

The Stratford School District top student awards availability and other Stratford areas sponsored scholarship will be available to a student who meets the 'in attendance' requirements at Stratford High School, through successful participation in the Stratford Study Abroad course for a one time experience and meets all other award / scholarship criteria.

If a student studying abroad chooses to not participate in the Stratford Study Abroad Virtual course, choosing not to receive credit from Stratford High School through the study abroad policy criteria, top student awards will not be available to the student in accordance with the Stratford School Board policy regarding 'in attendance' criteria.

### **Graduation Ceremony Participation**

Participation in the graduation ceremony will be determined by the student's availability to participate on the established graduation date and the SHS Graduation requirements are met.

The student, parent(s)/ guardian(s), principal and superintendent signature on the Study Abroad Contract for the School District of Stratford will be required for participation.

ADOPTED: January 13, 2014

**Study Abroad Contract for the School District of Stratford**

Individualized Contract for \_\_\_\_\_ SHS Class of \_\_\_\_\_  
*Student Name* *Graduation Class*

Course Plan - Please indicate the year or semester for studying abroad and the course requests that would be not typical for a particular grade, but may require placement testing and content staff recommendation.

Grade 9				
Grade 10				
Grade 11				
Grade 12				

Other considerations: (Please document placement test results, content staff recommendations and other pertinent information:

**Study Abroad Virtual Course Participation:**

\_\_\_\_\_ will / will not (choose one) participate in the Stratford Study Abroad virtual course to receive elective credits from Stratford High School.

**Study Abroad Sponsoring Program Documentation: (Principal or Superintendent approval required)**

\_\_\_\_ Documentation from the sponsoring study abroad agency is attached to the contract and approved.

**The parties signed below are in agreement with the Study Abroad Individual Contract for the School District of Stratford, understand the credit and Study Abroad Course options, graduation requirements and study abroad policy for student awards and scholarships.**

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Student Signature	Date	Parent(s)/Guardian(s) Signature	Date
<hr/>			
Principal Signature	Date	Superintendent Signature	Date

**APPLICATION FOR EARLY GRADUATION**

**SCHOOL DISTRICT OF STRATFORD**

Exhibit 3454

Page 1 of 2

Applications for early graduation must be submitted to the principal at least 6 months before the end of the term they wish to graduate.

**Student Name:** \_\_\_\_\_ **Current grade:** \_\_\_\_\_

● I am requesting early graduation at the end of **(first / second)** semester of the \_\_\_\_\_ - \_\_\_\_\_ **school year** . At that time, I will have met all graduation requirements.

● I have read Board Policy 3454 and understand that I may not qualify for certain awards and distinctions.

● I also understand that upon graduation I become ineligible for course and youth option opportunities through my high school.

● **I have attached my transcript.**

☐ I choose not to participate in commencement exercises.

☐ I am requesting to participate in commencement exercises on \_\_\_\_\_.

\_\_\_\_\_  
Student signature

\_\_\_\_\_  
Date

I support my child's request for early graduation.

Parent name (print): \_\_\_\_\_

\_\_\_\_\_  
Parent/Guardian signature

\_\_\_\_\_  
Date

To be completed by the school counselor:

Numbers of credits completed: \_\_\_\_/26

Number of credits currently enrolled: \_\_\_\_

Civics graduation exam passed: \_\_\_\_yes \_\_\_\_no

Required Course	Completed (X)	Enrolled (X)
English 9		
English 10		
English 11		
English Elective:		
US History (SS Required)		
American Government (SS Required)		
World History (SS Required)		
Biology (Science Required)		
Science Elective (1 credit):		
Science Elective (1 credit):		
Math Elective:		
Math Elective:		
Math Elective:		
PE 9		
PE Elective (.5 credit)		
PE Elective (.5 credit)		
Health (.5 credit)		
Financial Literacy or equivalent (.5 credit)		

\_\_\_\_\_  
Counselor signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Principal signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
District Administrator signature

\_\_\_\_\_  
Date

Comments:



## **STATE MANDATED POLICIES**

*Please refer to the student handbook or administrative staff for procedures and/or questions regarding the policies listed below.*

### **Meningococcal Disease Information**

Each school district must provide the parents/guardians of students enrolled in grades 6 to 12 in the district with information about meningococcal disease, including:

- the causes and symptoms of the disease
- how it is spread
- how to obtain additional information about the disease and the availability, effectiveness, and risks of vaccinations against the disease.

DPI is required by law to make this information available to school districts. It is available on DPI's website, along with sample parent notices on the subject.

### **Student Nondiscrimination**

The School District of Stratford does not discriminate on the basis of sex, race, color, national origin, religion, or handicap in the educational programs or activities which it operates.

### **Student Religious Accommodations**

School districts are required by PI 41.04(1)(a) of the Wisconsin Administrative Code to provide annual written notification to all students, the parent or guardian of minor students, and instructors of the district's policies providing for the reasonable accommodation of a student's sincerely held religious beliefs with regard to examinations and other academic requirements. The notice must also include the process for receiving and resolving complaints. Many school districts include this information in their annual student nondiscrimination notice.

### **Student Records**

The Federal Family Educational Rights and Privacy Act (FERPA) requires school districts to provide annual notice of student and parent rights regarding student records. This notice must inform parents/guardians or adult students of their right to:

- Inspect and review the student's education records. The notice must address the procedure for exercising this right.
- Seek amendment of the student's education records that the parent/guardian or adult student believes to be inaccurate, misleading or otherwise in violation of the student's privacy rights. The notice must address the procedure for requesting the amendment of records.
- Consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA (and other federal and state laws) authorize disclosure without consent. If the district transfers a student's records without the parent/guardian's or adult student's consent (like Wisconsin law requires districts to do), the annual notice must include a statement to that effect. Also, FERPA states that if a district has a policy of disclosing education records to other school officials, including teachers within the district who have been determined to have legitimate educational interests in the records, a

specification of criteria for determining who constitutes a school official and what constitutes a legitimate educational interest must be included in the annual notice.

- File a complaint with the Family Policy Compliance Office of the U.S. Department of Education alleging district noncompliance with FERPA requirements.

If a school district has designated student directory data in accordance with section 118.125 of the state statutes, the district must notify parents, legal guardians or guardian ad litem:

(1) of the categories of information that the board has designated as directory data with respect to each student; and

(2) that they have 14 days to inform the school that all or any part of the directory data may not be released without the prior consent of the parent, guardian or guardian ad litem.

The district must allow the parent, guardian or guardian ad litem 14 days to provide this response before any student directory data is released. This notice is required by section 118.125(2)(j) of the state statutes.

### Recruiter Access to Students/Records

Districts receiving federal education funds are required to notify parents of secondary school students:

- (1) that a secondary school student or the parent of the student may request that the student's name, address and telephone listing not be released to military recruiters or institutions of higher education without prior written parental consent; and
- (2) that the district must comply with such request.

School districts receiving federal education funds are required to provide, on request made by military recruiters or an institution of higher education, access to secondary school students' names, addresses and telephone listings unless access to such information has been restricted by the secondary school student or the student's parents as outlined above. Federal guidelines issued to implement this requirement state that if a school district does not designate student names, addresses and/or telephone listings as directory data, it must still provide all three items to military recruiters and institutions of higher education upon request.

### Student Attendance

School districts are required by section 118.16(4)(d) of the state statutes to provide each student enrolled in district schools with a copy of established school attendance policies. In addition, school districts are required by section 118.15(1)(f) of the state statutes to notify students and their parents or guardians of the following at the beginning of each school term:

- their right to request the school board to provide the student with program or curriculum modifications as outlined in section 118.15(1)(d) of the state statutes, and
- the decision-making process to be used in responding to such requests under sections 118.15(1)(dm) and (e) of the state statutes.

### Student Locker Searches

School districts that have adopted locker search policies specifying that the board retains ownership and possessory control of all student lockers and designating the school official, employee or agent positions that may conduct locker searches are required by section 118.325 of the state statutes to provide each student enrolled in the district with a copy of the district's policy. If the school board has adopted his type of policy and has provided the required notice of it, designated school officials, employees or agents may search a student's locker without the consent of the student, without notifying the student and without obtaining a search warrant.

### Early College Credit Program (ECCP) and Start College Now (SCN)

School districts are required by section 118.55(8) of the state statutes to provide information annually about these opportunities, to all students enrolled in the school district in the 8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> grades.

### Use or Possession of Two-Way Communication Devices

If a school district has adopted a policy/rule prohibiting the use or possession of electronic paging or two-way communication devices while on school premises, the district must provide each student enrolled in the district with a copy of that policy/rule annually according to section 118.258 of the state statutes.

## **Academic and Career Plan (ACP)**

It is essential that all students that graduate from Stratford High School are college and career ready. In order to accomplish this goal, it is important that students have a strong sense of who they are, what they want to do post high school, and how to reach their academic and career-related goals. The intention of academic and career planning is to support students in developing the tools necessary to reach these goals. Students, staff, and families have access to the Stratford ACP website which gives benchmarks for progress each year, guiding them to completion of a portfolio their senior year. The purpose of this process is to encourage students to complete, showcase, and reflect on quality academic work, discover their strengths, and to connect the relationships between academic achievement while in high school with postsecondary educational and career opportunities.

### **3 Main ACP Components:**

#### **1. KNOW**

- **Self-awareness and exploration activities**
  - Identifying personal strengths and skills to build, personal values, career characteristics that are a good match for interests and life goals
  - Individual short and long term goals to support each of academic, career and personal development aspects

#### **2. EXPLORE**

- **Career Assessment and Research**
  - Including investigation of career clusters, career pathways and individual career interests that match the student's interests, skills and values

#### **3. PLAN**

- **Academic and Career Planning Management**
  - Planned coursework in middle and high school that supports the career goals and meet graduation requirements
  - Goal setting
  - Distance learning experiences and opportunities
  - Planning of dual enrollment where you can earn HS and post-secondary credit
  - Work and Career Exploration Experiences like Youth Apprenticeships, Job Shadowing, guest speakers, educational tours, opportunities of study abroad and military recruiter visits