Twin Valley High Schools

Course Catalogue 2026-2027



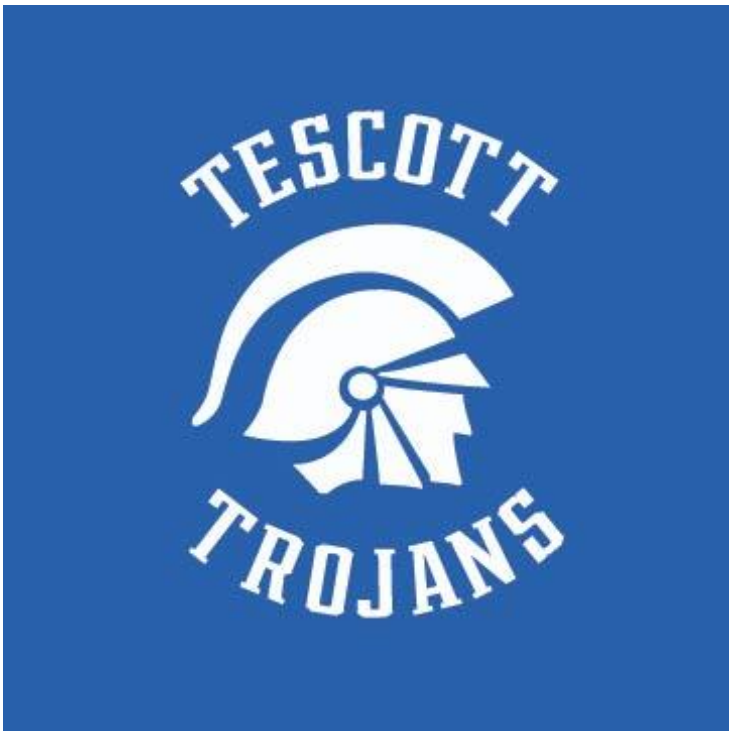


Table of Contents

GRADUATION REQUIREMENTS 3
AGRICULTURAL SCIENCES 3
BUSINESS/TECHNOLOGY 9
ENGLISH LANGUAGE ARTS 13
FAMILY & CONSUMER SCIENCES 17
FINE ARTS 18
FOREIGN LANGUAGE 21
MATHEMATICS 22
PE/HEALTH 25
SCIENCE 26
SOCIAL SCIENCES 29
MISCELLANEOUS 31
CREDIT RECOVERY & ONLINE LEARNING OPPORTUNITIES 32

GRADUATION REQUIREMENTS

SUBJECT AREA	CREDITS	SPECIFICALLY
English	4	4 credits of ELA 3.5 credits of ELA and .5 credit of Communication (Class of 2028)
Social Studies	3	1 credit must be in American History 1 credit must be in American Government 1 credit must be in World History/Geography
Science	3	Credits must include at least one biological and at least one physical Science
Mathematics	3	Any 3 of our Math credits fulfill this requirement
Physical Education/Health	1	0.5 credit of Physical Education and 0.5 credit of Health, updating the prior requirement of 1 Physical Education credit.
Fine Arts	1	1 credit in Fine Arts
Personal Finance/Financial Literacy (Class of 2028)	.5	.5 Credit
Electives	2026 -12.5 2027-11.5 2028 -10.5 2029 - 9.5	Reduce the number of elective credits required each year until 2029, reaching the new USD 240 graduation credit requirement 1 elective credit must be a STEM credit (USD 240 gets to make the decision of what qualifies as a STEM credit)
TOTAL CREDITS REQUIRED	**28 to 25**	Class of 2026 = 28 (current credit requirement of 28) 31 credits possible Class of 2027 = 27 (reduce elective requirements) 30 credits possible Class of 2028 = 26 (reduce elective requirements) 29 credits possible Class of 2029 = 25 (reduce elective requirements) 28 credits possible

AGRICULTURAL SCIENCES

Course Title: ***Agribusiness Management***
Course Code: 18201 & 18201B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Agribusiness Management courses provide students with the information and skills necessary for success in agribusiness and in operating entrepreneurial ventures in the agricultural industry. These courses may cover topics such as economic principles, budgeting, risk management, finance, business law, marketing and promotion strategies, insurance, and resource management. Other possible topics include developing a business plan, employee/employer relations, problem-solving and decision making, commodities, and building leadership skills. These courses may also incorporate a survey of the careers within the agricultural industry.

Course Title: ***Agriscience***
Course Code: 18002 & 18002B
Duration: 2 semesters
Grade: 9-10
Credit: 1
Facility: Bennington, Tescott

Course Description: Upon completion of this course, the student will be able to understand the importance of agriculture to our economy and society. Understand the benefit of leadership skills gained through FFA to be successful in college and a future career. Students will develop their own supervised agricultural experience program and use computer technology to keep personal and business records on their SAE. Students will explore units in plant and soil science and also in animal science. Students will learn basic cutting and arc welding skills. Students will have the opportunity to participate in career development events offered through FFA.

Course Title: ***Ag Mechanics***
Course Code: 18401
Duration: 2 semesters
Grade: 9-10
Credit: 1
Facility: Bennington, Tescott

Course Description:
Agriculture Mechanics/Equipment/Structures courses provide students with the skills and knowledge that are specifically applicable to the tools and equipment used in the agricultural industry. While learning to apply basic industrial knowledge and skills (engine mechanics, power systems, welding, and carpentry, among others), students may explore a broad range of topics, including the operation, mechanics, and care of farm tools and machines; the construction and repair of structures integral to farm operations; a study of electricity and power principles; and safety procedures.

Course Title: ***Advanced Ag Mechanics***
Course Code: 18402
Duration: 2 semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Agriculture Mechanics and Equipment courses provide students with the engineering and power technology principles, skills, and knowledge that are specifically applicable to the agricultural industry. Typical topics include the operation, maintenance, and repair of power, electrical, hydraulic, and mechanical systems.

Course Title: ***Agriculture Welding I***
Course Code: 18404 & 18404B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Description: This is a yearlong class with the emphasis on welding skills first semester and shop projects second semester. Intro to Agriculture is a prerequisite. This course is designed to provide training in plasma cutting, oxyfuel gas cutting and welding, bronze welding, shielded metal arc welding, and gas metal arc welding. Personal protective equipment will be worn at all times in the welding shop. The school will provide welding helmets, but students may bring their own. All skin must be covered when welding. No short sleeves, pants with holes, or threads exposed at the boot line.

Course Title: ***Agriculture Welding II***
Course Code: 18407 & 18407B
Duration: 2 semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Description: This class with the emphasis on welding skills first nine weeks and shop projects the next three quarters. Ag Welding I is a prerequisite. Tungsten arc welding processes are taught to the Welding II students. The Welding II students will spend the majority of their time developing and constructing welding projects. Personal protective equipment will be worn at all times in the welding shop. The school will provide welding helmets, but students may bring their own. All skin must be covered when welding. No short sleeves, pants with holes, or threads exposed at the boot line

Course Title: ***Animal Science***
Course Code: 18101 & 18101B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott

Course Description: This full-year course will begin with an overview of each animal species with the agriculture industry. Further instruction will include a more in-depth look at livestock selection, anatomy and physiology, genetics and reproduction, nutrition, meat science and animal health and diseases. Continued experience in FFA and student SAE projects will be emphasized. Application of biological principles and hands-on experiences will supplement the classroom learning. Opportunities for related field trips and participation in FFA Career Development Events (CDE's) will be presented.

Course Title: ***Agriculture Leadership and Communication***
Course Code: 18203 & 18203B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Objective: Agricultural Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision-making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities.

Course Title: ***Agricultural Construction***
Course Code: 18403 & 18403B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon project and materials.

Course Description: This is a yearlong class with an emphasis on agricultural building structures. Units will include: fundamentals of electricity, electrical circuit components, electrical safety and grounding, electricity board practice wiring, roofing materials and methods, building framing, rafter and truss construction, basic plumbing, and fundamentals of concrete.

Course Title: ***Agricultural Food Science***
Course Code: 18305 & 18305B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington & Tescott
Fee: Dependent upon project and materials.

Course Description: Food Science courses offer opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during the processing, storage, preparation, and consumption of food. These courses often explore the effects of various materials, microorganisms, and processes on food products through laboratory experiments.
**Course is offered on a rotational basis within the master schedule.*

Course Title: ***Natural Resource Management***
Course Code: 18504 & 18504B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon project and materials.

Course Description: Natural Resources Management courses combine the fields of ecology and conservation with planning for the efficient use and preservation of land, water, wildlife, and forests. Within the general area of natural resources management, these courses usually cover specific topics and uses, such as hunting or fishing preserves, forest production and management, wildlife preservation, and human outdoor recreation.
**Course is offered on a rotational basis within the master schedule.*

Course Title: ***Horticulture***
Course Code: 18052 & 18052B
Duration: 2 semesters
Grade: 11-12
Credit: 1
Facility: Tescott
Fee: Dependent upon project and materials.

Course Description: General Horticulture courses expose students to the art and science of growing plants, shrubs, trees, flowers, fruits, and vegetables. In doing so, they cover a wide variety of topics, including greenhouse and nursery operations, soils and media mixtures, fruit and vegetable production, turf/golf course management, interior and exterior plantscaping, irrigation systems, weed and pest control, and floral design.

Course Title: ***Plant & Animal Science***
Course Code: 18301 & 18301B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Agricultural Production courses combine content related to animal and plant production, providing comprehensive coverage of the production functions of the agricultural industry. These courses typically cover such topics as care and management of farm animals, crop production and harvesting, plant and animal insect and disease control, efficient resource management, and farm management.

Course Title: ***Agricultural Fabrication***
Course Code: 18409 & 18409B
Duration: 2 semesters
Grade: 11-12
Credit: 1
Facility:

Course Description: Courses provide students with the skills & knowledge that are specifically applicable to the construction, maintenance, and repair of structures integral to the agricultural industry, including but not limited to animal enclosures, irrigation systems, & storage facilities. In these courses, students typically study design, planning, & construction knowledge & skills (such as survey, carpentry, plumbing, concrete, & electrical systems), in addition to the safe operation of tools and machines

Course Title: ***Animal Health-Vet Tech***
Course Code: 18105 & 18105B
Duration: 2 semesters
Grade: 11-12
Credit: 1
Facility:

Course Description: Veterinary Science courses impart information about the causes, diagnosis, and treatment of diseases and injuries of animals, typically emphasizing domestic and farm animals. Course topics focus on anatomy and physiology, nutrition, behavior, and reproduction, but may also include other areas of study as appropriate.

Course Title: ***Small Engines***
Course Code: 18410 & 18410B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Tescott

Course Description: Courses provide students with the opportunity to learn how to service & recondition small engines, typically emphasizing two and four-cycle engines. Courses provide students with opportunities to troubleshoot and repair speed controls, lubrication, ignition, fuel, power transfer, cooling, exhaust, and starting systems; use hand, power, and overhaul tools; and read and interpret service manuals and parts' catalogs. Applications may include lawn mowers, tractors, tillers, power tools

BUSINESS/TECHNOLOGY

Course Title: ***Accounting 1***
Course Code: 12104 & 12104B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Students will be introduced to the basic accounting concepts, principles, cycles, and equations. This course will take the students through a sole proprietorship service business and a partnership merchandising business, working on the day-to-day transactions through the month-end accounting. This will help provide them with the skills necessary to proceed further in accounting or to conduct their personal business.

Course Title: ***Advanced Accounting***
Course Code: 33108 & 33108B
Duration: 2 Semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Students will develop additional skills to help apply the principles used in accounting systems. They will work on corporations, cost accounting systems, and automated accounting. This class is for those students who wish to work in the area of business.

Course Title: ***Banking and Finance***
Course Code: 12101
Duration: 1 Semester
Grade: 10-12
Credit: 0.5
Facility: Bennington, Tescott

Course Description: Students will be provided with an overview of the American monetary and banking system, as well as types of financial institutions and the services and products that they offer. Course content may include government regulations; checking, savings, and money market accounts, loans, investments, and negotiable instruments.

Course Title: ***Investing***
Course Code: 12107
Duration: 1 Semester
Grade: 10-12
Credit: 0.5
Facility: Bennington, Tescott

Course Description: Students will be introduced to the world of investing, with its abundant opportunities and ever-present risk. The focus is on strategies for investing for the long term, as a part of an overall approach to financial planning that will empower young people to take control of their financial futures.

Course Title: ***Business Essentials***
Course Code: 12050
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington, Tescott

Course Description: This course will introduce students to a variety of information to learn about the various business aspects in our society today. This is a basic business class, which will touch on many areas, including but not limited to: Entrepreneurship, Marketing, Economics, and Customer Service.

Course Title: ***Business Communication***
Course Code: 12009
Duration: 1 Semester
Grade: 10-12
Credit: .5
Facility: Bennington, Tescott

Course Description: Business Communications courses help students develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real-world applications.

Course Title: ***Personal Finance*** (graduation requirement for all students graduating prior to 2028)
Course Code: 22210
Duration: 1 Semester
Grade: 11-12
Credit: .5
Facility: Bennington, Tescott

Course Description: Students will be introduced to the skills needed to help them become better consumers. The program will feature Dave Ramsey's Foundations-- which will include but not be limited to: Saving and Investing, Credit and Debt, Financial Responsibility and Money Management and Insurance/Risk Management, and Income Careers.

Course Title: ***Financial Literacy (Students who have not taken Personal Finance will need to take this class for graduation.)***
Course Code: 22990
Duration: 1 semester
Grade: 11-12
Credit: .5
Facility: Bennington, Tescott
Enrollment: Graduation Requirement for Class of 2028

Course Description: The Financial Literacy course provides students with an understanding of the concepts, principles, and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit, and managing risk.

Course Title: ***Entrepreneurship***
Course Code: 12053
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington, Tescott

Course Description:
Entrepreneurship courses acquaint students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

Course Title: ***Computer Applications (Grade 9)***
Course Code: 10004 & 10004B
Duration: 1 Semesters
Grade: 9-12
Credit: .5
Facility: Bennington, Tescott

Course Description: This course is designed to help students master beginning skills in the areas of word processing, spreadsheet applications, and presentation software using Microsoft Office Suite while additionally studying computer terminology. By using Microsoft Word, students will apply basic and advanced formatting techniques to produce word processing documents, including letters, memos, reports, flyers, and newsletters. They will demonstrate basic skills involving spreadsheet functions, create formulas, charts and tables, and graphs, and manipulate data, including AutoFill and absolute cell. Students will also create presentations using text, visual and/or sound elements; use techniques as slide layout, themes, transitions, and animations.

Course Title: ***Media Design & Production - Yearbook***
Course Code: 30151 & 30151B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Students will develop the skills needed to put together the school yearbook. They will study the ethical issues involved and the leadership skills necessary to motivate a staff for the entire year. Students will sell ads and raise money to cover the cost of the yearbook. Students are responsible for taking pictures, designing pages, and working with deadlines. With teacher approval.

Course Title: ***Graphic Design 1***
Course Code: 30102
Duration: 1 Semester
Credit: .5
Facility: Bennington
Fee: Dependent upon projects and materials.

Course Description: This course focuses on the processes used in the creation of digital and commercial art. Students will use various computer software to create prototypes of their work.

Course Title: ***Engraving- Misc***
Course Code: 22999C & 22999D
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington
Enrollment is limited by Instructor approval.

Course Description: "Engraving" is a hands-on class that studies the production and the processes of running an engraving business. The class designs and creates engraving projects for several businesses and area schools (including USD 240). In addition to the production of high-quality engraved projects, the class will focus on the business aspects of ordering materials, producing products, maintaining quality control, creating & sending invoices, collecting funds, and utilizing a balance sheet for tracking the progress of the business.

ENGLISH LANGUAGE ARTS

Course Title: ***English 1***
Course Code: 01001 & 01001B
Duration: 2 Semesters
Grade: 9
Credit: 1
Facility: Bennington, Tescott

Course Description: English 1 provides the basic foundations for the language arts studies: reading, writing, speaking, and listening. This class is built upon the following areas: grammar, the writing process, including creative writing, reading, and understanding short stories, poetry, and more complex books that are on grade level. Students will develop a more thorough understanding of literary and figurative language skills, as well as increase their vocabulary.

Course Title: ***English 2***
Course Code: 01002 & 01002B
Duration: 2 semesters
Grade: 10
Credit:1
Facility: Bennington, Tescott

Course Description: This course expands on previous English classes. Concepts such as grammar and syntax will be reinforced and polished. Students will study important works of literature, including, but not limited to: Shakespeare, American dramatists, poetry, novels, and nonfiction texts. Writing will also be emphasized in the form of daily writing prompts, literary analyses, original poetry, and oral presentations.

Course Title: ***English 3***
Course Code: 01003 & 01003B
Duration: 2 Semesters
Grade: 11
Credit: 1
Facility: Bennington, Tescott

Course Description: This class will emphasize continued improvement in the areas of reading comprehension, literary analysis, and written communication skills. The study of American authors will be addressed through short stories, novels, and plays. Written communication will encompass expository essays, literary analysis, and creative writing. Separate studies in vocabulary and daily oral language will continue.

Course Title: ***English 4***
Course Code: 01004 & 01004B
Duration: 2 Semesters
Grade: 12
Credit: 1
Facility: Bennington, Tescott

Course Description: This course expands on previous English classes. Concepts such as grammar and syntax will be reinforced and polished. Students will spend one semester studying fiction and one semester studying non-fiction. Students will study important works of literature, including, but not limited to: Shakespeare, American dramatists, poetry, novels. Writing will also be emphasized in the form of daily writing prompts, literary analysis, and oral presentations. In the non-fiction semester, students will research colleges and careers and a non-fiction documentary. Students will write resumes, cover letters, thank you letters, and create presentations over research. They will also participate in a job shadowing day and subsequent presentation for their peers.

Course Title: ***Composition (College English Comp I & II)***
Course Code: 01103 & 01103B
Duration: 2 Semesters
Grade: 12
Credit: 3 College Credit Hours / .5 High School Credit each semester
Facility: Bennington, Tescott
Prerequisite: The credit awarding institution will determine admission criteria.
Credit: 3 College Credit Hours / .5 High School Credit

Course Description: These concurrent courses are intensive writing labs that focus on the form and content of essay writing. It utilizes various strategies of rhetorical, including research-based writing. The process approach to writing will be taught and used for the major assignments. Revision is essential. The text will be determined by the post-secondary institution, supplemented by though-provoking essays and writings from a variety of literary sources. These courses are rigorous and demanding with frequent writing and reading assignments of significant literature that require thought and analysis. This course is designed to prepare students for college level academics. In addition to high school credit, students can enroll at the sponsoring college and pay tuition fees to receive three hours of college credit if they earn a passing grade.

Course Title: ***Public Speaking - Speech***
Course Code: 01151
Duration: 1 semester
Credit: .5 High School Credit
Grade: 12
Facility: Bennington

Course Description: Speech is a course in the study and practice of the basic principles of speech and interpersonal communication with an emphasis on critical thinking, the creative and intelligent selection of material, organization, and oral presentation.

Course Title: ***Creative Writing 1***
Course Code: 01104
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington, Tescott

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

Course Title: ***Publications - Tescott***
Course Code: 01149
Duration: 1 Semester
Grade: 9-12
Prerequisite: Completion of English 9 with a B or above and/ or consent of the instructor
Credit: 0.5
Facility: Tescott

Course Description: This class is designed to feature student writing through a wide variety of journalistic articles, essays, stories, and editorials. Students will design, write, layout, and publish materials in a timely manner to promote school and community awareness of the academic environment in which we operate. Students coming into this class should have strong writing, editing, and proofreading skills and be independently motivated to design and produce quality products for the public.

Course Title: ***Forensics***
Course Code: 01154
Duration: Spring semester
Grade: 9-12
Credit: .5
Facility: Bennington

Course Description: The purpose of this course is to acquaint students with the various types of forensics events in a classroom and in a competitive atmosphere. Students will be able to learn about the different types of forensics events within a classroom setting and then apply those concepts in tournament competition throughout the semester. Students will have to do original research to complete their assignments.

Course Title: ***Debate***
Course Code: 01153
Duration: Fall semester
Grade: 9-12
Credit: .5
Facility: Bennington

Course Description: Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In these courses, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Often linked to an extracurricular program, these courses introduce students to the methods, aims, and styles used in various kinds of debates (formal debate or Lincoln-Douglas). Participation in competition is encouraged, but not always required.

FAMILY & CONSUMER SCIENCES

Course Title: ***Culinary Essentials***
Course Cod: 16052
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington

Course Description: The Culinary Essentials course provides students with knowledge and skills related to commercial and institutional food service establishments. Course topics include career pathways, employability skills, sanitation and safety procedures, measurements, tools and equipment, food preparation and production.

Course Title: ***Intro to Family and Consumer Sciences***
Course Code: 19251
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington

Course Description: Introduction to Family and Consumer Sciences offers a look into the many occupations linked to providing for the basic needs of children, individuals and families. Occupations may include: nutrition educator, childcare provider, social worker, foster parent, credit counselor, geriatric care provider, senior citizen care director, food service provider, restaurant manager, culinary artists, interior designer, fashion production and design, event planner and teacher.

Course Title: ***Leadership Service in Action***
Course Code: 19257
Duration: Fall & Spring semesters
Grade: 9-12
Credit: .5
Facility: Bennington

Course Description: Leadership Service in Action empowers individuals to assume advocacy roles which support families, communities and consumers by researching social issues, developing and implementing an action plan, and applying decision making through civic engagement and service learning.

Course Title: ***Career Connections***
Course Code: 19298
Duration: Fall & Spring semesters
Grade: 12
Credit: .5
Facility: Bennington

Course Description: Career Connections provides human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills

FINE ARTS

Course Title: ***Art 1***
Course Code: 05154 & 05154B
Duration: 2 semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Description: This is an introduction to art with the emphasis on basic art skills in the areas of drawing, painting, graphics, and sculpture. The class will focus on the discipline-based art stages of art productions, and art history.

Course Title: ***Art 2***
Course Code: 05154C & 05154D
Duration: 2 semesters
Prerequisite: Art 1
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Description: Art II is a more advanced art class using all mediums. It focuses on the discipline-based art education stages of art production, art history, evaluation, and aesthetics.

Course Title: ***Art 3***
Course Code: 05154E & 05154F
Duration: 2 semesters
Prerequisite: Art II
Grades: 11-12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.
Course Description: Art III is an advanced art class that focuses on exploring conceptual art as well as discipline-based stages of production, art history, and graphics.

Course Title: ***Art 4***
Course Code 05154G & 05154H
Duration: 2 semesters
Prerequisite: Art III
Grade: 12
Credit: 1
Facility: Bennington, Tescott
Fee: Dependent upon projects and materials.

Course Description: Art 4 is an accelerated art course dealing with primarily concept driven projects and advanced design techniques. Students will need the knowledge obtained in Art I, Art II, and Art III to succeed in this class.

Course Title: ***Band***
Course Code: 05101 & 05101B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: The high school band provides each student the opportunity to perform with a band instrument while teaching the art and history of music through performance. The district provides some instruments at a yearly fee of $25.00. The student must purchase all other instruments as well as proper concert attire and a band t-shirt for all pep band performances. Expenses such as reeds, oil, and instrument cleaning and repairs are the student's responsibility. During the band period students will learn scales, rhythm, technique, musicality, and other musical necessities while working in a team setting. Students will also learn a wide variety of music while gaining knowledge of their own instrument through the performance process. In the fall, the band will march in parades and at halftime of all home football games. During basketball season, students will be required to perform at all home games.

- Requirements include being present for class each day, performing to your ability, being present for all performances, and maintaining an attitude productive to learning.
- Band trips include the State Fair, large group contest, regional solo and small ensemble contest, state solo and small ensemble contest, honor bands, and other trips

throughout the community.

Course Title: ***Instrumental Ensemble - Percussion***
Course Code: 05106 & 05106B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington
Prerequisite: Audition/Teacher's permission to join the class

Course Description: Instrumental Ensemble courses are intended to develop students' technique for playing brass, woodwind, percussion, and/or string instruments in small ensemble groups. Instrumental Ensemble courses cover one or more instrumental ensemble or band literature styles. Requirements include being present for class each day, performing to your ability, being present for all performances, and maintaining an attitude productive to learning.

Course Title: ***Guitar***
Course Code: 05108 & 05108B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington

Course Description: Guitar courses introduce students to the fundamentals of music and guitar-playing techniques, such as strumming and chords. These courses may also include more advanced guitar-playing techniques.

Course Title: ***Vocal Music - Chorus***
Course Code: 05110 & 05110B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Vocal music is a class open to all high school students who wish to continue their musical experiences. Students will begin to work in depth on sound production, reading fundamentals and their individual vocal abilities so that a wide variety of music can be explored. Students will be expected to participate in all rehearsals and performances, whether they are during or after school.

Course Title: ***Music Appreciation***
Course Code: 05118 & 05118B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Music Appreciation is a class that explores the different characteristics, elements and effects of music in today's world. We focus on the history of music, ethnomusicology (study of music in different cultures), music theory and how music "speaks without speaking". We also incorporate "doing music" into our curriculum where students have a chance to learn basic keyboard skills, how to play auxiliary percussion instruments and sing early American folk songs.

Course Title: ***Film Studies***
Course Code: 22999E
Duration: 1 Semester
Grade: 9-12
Credit: 0.5
Facility: Tescott

Course Description: Film/Videotape courses expose students to the materials, processes, and artistic techniques involved in film, television, or videotape. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture, and editing techniques. Course topics may also include production values and various styles of filmmaking (documentary, storytelling, news magazines, animation, and so on). As students advance, the instruction becomes more refined, and students are encouraged to develop their own artistic style. Students may also study major filmmakers, cinematographers, and their films and learn about film, television, and video and their relationships to drama and theater.

FOREIGN LANGUAGE

Course Title: ***Spanish I***
Course Code: 06101 & 06101B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Students will develop communication skills and cope in various life-like situations. They will also develop the ability to utilize available sources of information and learning tools through the study and will develop an understanding of cultural heritages different from their own. Ultimately, the study of Spanish will give students more options when regarding career opportunities and education, and will help reinforce positive attitudes toward intellectual activities.

Course Title: ***Spanish 2***
Course Code: 06102 & 06102B
Duration: 2 Semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Spanish I

Course Description: Students continue to further develop and improve listening, speaking, reading and writing skills. Emphasis is placed on comprehension and verbal communication of Spanish, as well as reading and writing practice in the target language using a variety of activities incorporating familiar vocabulary and structures. Supplementary materials are introduced to enhance language use and awareness of Spanish-speaking cultures. This course will be offered through an online learning platform.

MATHEMATICS

Course Title: ***General Applied Mathematics***
Course Code: 02151 & 02151B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: General Applied Mathematics courses reinforce general mathematics skills; extend these skills to include some pre-algebra and algebra topics; and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

Course Title: ***Algebra I***
Course Code: 02052 & 02052B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Algebra 1 provides the opportunity to refine and extend mathematical skills. Students will develop higher level problem solving skills and an understanding of the relationship between graphs, equations, tables and written statements. Topics covered are: expressions, equations, inequalities, systems, functions, exponents, polynomials, quadratics, radical and rational expressions.

Course Title: ***Geometry***
Course Code: 02072 & 02072B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Algebra 1

Course Description: Geometry is the visual study of shapes, sizes, patterns and the relative position of figures. Students will apply the basic principles and concepts to practical experience. Topics covered include: Reasoning and Proof, Parallel and Perpendicular Lines, Congruence and Similarity, Triangles, Quadrilaterals, Trigonometry, Area and Volume, and Circles.

Course Title: ***Algebra 2***
Course Code: 02056 & 02056B
Duration: 2 semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Algebra I

Course Description: Algebra II provides an opportunity for students to learn about those topics of algebra, which have practical value as well as those that have theoretical value in subsequent mathematical courses. Algebra II is a must for any student wishing to pursue a college course in math or science. Algebra II includes systems of linear equations, rational numbers and expressions, factoring, relations, functions, irrational numbers, and trigonometric functions.

Course Title: ***Intermediate College Algebra*** (Transition to College Algebra)
Course Code: 02059
Duration: 1 Semester
Grade: 11-12
Credit: .5 Dual Credit (optional)
Facility: Bennington, Tescott (Remote)

Course Description: This course addresses a variety of mathematical topics needed to prepare students for success in college-level mathematics. Mathematics topics include: numeracy; manipulating and evaluating expressions and formulas; rates, ratios, and proportions; percentages; solving tables; verbal, algebraic, and graphical interpretations of functions; rational expressions; solving systems of linear and quadratic equations; properties of higher degree equations; and operations with rational exponents. The course was developed to align with both the Kansas College and Career Readiness Standards and the developmental math outcomes of the Kansas Board of Regents.

Course Title: ***College Algebra***
Course Code: 02999
Duration: 1 Semester
Grade: 11-12
Credit: 3 College Credit and/or 1 High School Credit
Facility: Bennington, Tescott (Remote)
Prerequisite: The credit awarding institution will determine admission criteria.
Fees: College Tuition

Course Description: College Algebra reviews standard topics of algebra. A student will study linear and quadratic equations, graphing functions and function notation, high order polynomial equations, determinants, matrix algebra, sequences, series, and binomial expansion.

Course Title: ***College Trigonometry***
Course Code: 02103
Duration: 1 Semester
Grade: 11-12
Credit: 3 College Credit and/or 1 High School Credit
Facility: Bennington, Tescott
Prerequisite: College Algebra
Fees: College Tuition

Course Description: Trigonometry is a study of trigonometric functions, solutions to right and oblique triangles, trigonometric identities, inverse functions, and graphs of trigonometric functions.

Course Title: ***Calculus***
Course Code: 02121 & 02121B
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: College Trigonometry & College Algebra

Course Description: This course includes the study of analytic geometry, functions, limits, continuity, velocity differentiation, second derivatives, maxima and minimal integration, and other related topics.

Course Title: ***Financial Algebra*** *(Business Mathematics w/Algebra)*
Course Code: 02155 & 02155B
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott

Course Description: This course teaches and has students apply algebra concepts to a variety of business and financial situations. Applications include stock market, modeling a business, banking services, consumer credit, automobile ownership, employment basics, income taxes, independent living, retirement and being able to prepare a budget.
subject areas.

PE/HEALTH

Course: ***Physical Education***
Course Code: 08001
Duration: 1 Semester
Grade: 9-12
Credit: .5
Facility: Bennington, Tescott

Course Description: Health and Fitness courses combine the topics of Health Education courses (nutrition, stress management, substance abuse prevention, disease prevention, first aid, and so on) with an active fitness component (typically including aerobic activity and fitness circuits) with the intention of conveying the importance of life-long wellness habits. STRENGTH TRAINING: We train students to develop the components of basic human movement; strength, power, flexibility, speed, agility, footwork, endurance, mental focus and motivation. We utilize the principle of specificity, and therefore use free weight training as much as possible. We train movements and thereby train the muscles that produce these movements. We follow a sequential progression, in order to maximize safety and optimize success, for all movements. FITNESS: This area helps develop muscular strength, burns fat and increases cardiovascular fitness of P90X, T25 and TABATA activities. RECREATIONAL GAMES: An introduction to individual and team sports including soccer, floor hockey, scooter football, mat ball, capture the flag, softball, flag football, volleyball, basketball as well as other recreational games.

Course Title: ***Health Education***
Course Code: 08051
Duration: 1 Semester
Grades: 9-12
Credit: .5
Facility: Bennington, Tescott

Course Description: Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

Course Title: ***Weight Training***
Course Code: 08009 & 08009B
Duration: 1 Semester or 2 Semesters
Grades: 10-12
Credit: .5/1
Facility: Bennington, Tescott

Course Objective: This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

SCIENCE

Course Title: ***Earth Science***
Course Code: 03001 & 03001B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: Earth Science offers insight into the environment on Earth and the Earth's environment in space. Students are presented with the concepts and principles essential to understanding the dynamics and history of the Earth, exploring areas of oceanography, geology, astronomy, meteorology, and geography.

Course Title: ***Kansas Ecosystems (Environmental Science)***
Course Code: 03003 & 03003B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington

Course Description: The Kansas Ecosystems course explores the diverse natural environments found across the state of Kansas. Students will investigate the structure, function, and interactions within major ecosystems including, prairies, wetlands, forests, rivers, and agricultural systems. Through hands-on activities, field-based observations, and data analysis, students will examine how living and nonliving components interact to sustain these ecosystems.

Course Title: ***Biology***
Course Code: 03051 & 03051B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: How do you inherit brown eyes from your parents? Why can some animals live in certain environments but not others? How does the food you eat affect your health? These are just a few questions we will be studying in this class. Biology is a subject where you study a large variety of subjects, from evolution to ecology, to studying a cell in a living organism. We will be using our scientific skills to learn and investigate the world of biology.

Course Title: ***Biology II - Advanced Studies***
Course Code: 03052 & 03052B
Duration: 2 Semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Biology

Course Description: In this class, we will learn the major groups of animals, fungi, plants, protists, algae, and bacteria; their basic characteristics; and how biologists study these organisms to understand their rich evolutionary history, ecological interactions, amazing adaptations, and relevance to humans and other species.

Course Title: ***Chemistry***
Course Code: 03101 & 03101B
Duration: 2 Semesters
Grade: 10-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Algebra 1

Course Description: A focused look at the interactions of matter and energy in the world around us. To gain an understanding of matter and energy, the scientific method will be employed to inquire into the concepts of the course. A background consisting of the history and structure of an atom is essential to comprehending the dynamics of the periodic table.

Course Title: ***Chemistry II***
Course Code: 03102 & 03102B
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Chemistry I

Course Description: This course adds to and further develops the concepts introduced in Chemistry 1. The study of reaction rates and equilibrium is introduced, and redox chemistry is continued and furthered to include electrochemistry, particularly as it applies to biological systems. Equilibrium is again explored through acid-base and complex ion chemistry, where topics including buffers, pH and pKa are studied. Extending thermochemistry, the laws of thermodynamics are reviewed with topics centered on enthalpy, entropy, Gibbs free energy, and spontaneity.

Course Title: ***Human Anatomy and Physiology***
Course Code: 03053 & 03053B
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Biology and Chemistry

Course Description: This is an exciting course that you will find both challenging and interesting... after all, it is all about you! The study of Anatomy and Physiology focuses on the structures of the human body and how those structures work together. During the course of this year, we will study all the organs and organ systems of the body in detail. We will be analyzing cellular structure and function, as well as. how the cells work together to coordinate organ function. Additionally, we will explore how the organs work together to maintain homeostasis and stability within the human body. We are very complex organisms. While this course may be challenging, together we will work hard to gain knowledge and skills in the fascinating field of anatomy.

Course Title: **Physics**
Course Code: 03151 & 03151B
Duration: 2 Semesters
Grade: 12
Credit: 1
Facility: Bennington, Tescott
Prerequisite: Algebra II

Course Description: This course is an introductory algebra-based physics course. The emphasis of this class is equally divided between developing a conceptual understanding of the major topics of physics and developing problem solving skills in those topic areas. Algebra and trigonometry will be used extensively throughout. Emphasis will be put on understanding the theories at hand and identifying them in real life. A laboratory component accompanies the classroom element.

Course Title: ***Physical Science***
Course Code: 03159 & 03159B
Duration: 2 Semesters
Grade: 11-12
Credit: 1
Facility: Bennington, Tescott

Course Description: This is a laboratory course designed to provide students with an opportunity to develop the reasoning skills associated with the processes of science. Physics semester topics will include forces, motion, and energy. Chemistry semester concepts will include properties of matter, equilibrium, kinetics, and atomic structure. The fundamental science principles learned in this course prepare students for future laboratory science courses. Appropriate accommodations are made to meet varied learning styles, reading levels, and mathematical abilities.

SOCIAL SCIENCES

Course Title: ***American Government***
Course Code: 04151 & 04151B
Duration: 2 Semesters
Grade: 12
Credit: 1
Facility: Bennington, Tescott

Course Description: The American Government course builds upon and adds to students' previous learning within social studies courses. The course will examine the foundations of our government, the principles of checks and balances, the separation of powers, the organization of the three branches of government, and the relationship between the federal, state, and local government. The course will work to create student understanding of how the Constitution embodies the purposes, values, and principles of American democracy, and how to fulfill the "job" of citizens.

Course Title: ***American History***
Course Code: 04101 & 04101B
Duration: 2 Semesters
Grade: 11
Credit: 1
Facility: Bennington, Tescott

Course Description: The American History course begins around the 1850s leading into the beginning of the American Civil War and Reconstruction Era. We will study the mid 19th century and will go through key moments for the United States including imperialism, industrialization, and immigration. Students will concentrate on the critical events, people, groups, ideas, and issues of the period from 1 850s to the early 21st century. Some of these events will include Progressivism, World War I, the Roaring Twenties, the Great Depression & New Deal, World War II and its aftermath, the Civil Rights Movement, Vietnam, the Cold War, and the movement into our current era.

Course Title: ***History through Film***
Course Code: 04349 & 04349B
Duration: 2 Semesters
Grade: 9-12
Credit: 1
Facility: Tescott
Prerequisite: Parent permission and approval required.

Course Description: History Through Film course is centered around the analysis of TWO major questions: *How is our view of the past shaped by film?* AND *are films an accurate portrayal of the time period they encompass?* The course will help bring history to life by allowing students to dig deeper into a number of historical topics as they compare and contrast the films and the historical events they depict. The course uses some clips of R-rated movies due to the violence and language.

Course Title: ***World Geography***
Course Code: 04001 & 04001B
Duration: 1 Semester-Bennington, 2 Semesters Tescott
Grade: 9-12
Credit: 1
Facility: Bennington, Tescott

Course Description: World Geography will help familiarize students with the world using the five themes of geography. Students will develop a knowledge and understanding about location, place, human/environment interaction, movements, and regions. The course will require students to compare and contrast these themes across all continents. Students then will be able to apply their knowledge to understand community, state, nation, world, and themselves.

Course Title: ***World History***
Course Code: 04051 & 04051B
Duration: 2 Semesters
Grade: 9-10
Credit: 1
Facility: Bennington, Tescott

Course Description: The World History course begins with the emergence of the first civilizations in the Middle East, Africa, and Asia, followed by the development of major ancient civilizations, then the expansion of peoples throughout the world, and finally the emergence of modern nations. This course is organized chronologically and regionally. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, and geographical impacts. Students will focus on key events, people, and turning points during each era.

MISCELLANEOUS

Course Title: ***College & Careers (Career & Community Connections)***
Course Code: 22250
Duration: 2 Semesters
Grade: 9 - 12
Credit: .5
Facility: Bennington, Tescott

Course Description: Provides the opportunity for learners to focus on college & career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace. Time will be allotted for scholarship application and college and career exploration.

Course Title: ***Study Skills***
Course Code: 22003
Duration: 1 Semester
Grade: 9 - 12
Credit: .5
Facility: Bennington, Tescott

Course Description: Study Skills courses prepare students for success in high school and/or for postsecondary education. Course topics may vary according to the students involved, but typically include reading improvement skills, such as scanning, note-taking, and outlining; library and research skills; listening and note-taking; vocabulary skills; and test-taking skills. The courses may also include exercises designed to generate organized, logical thinking and writing.

Course Title: ***Seminar/Advisory*** (All students in grades 9-12 will be enrolled in this course - second semester seniors may flex out depending on schedule)
Course Code: 22106
Duration: 2 Semesters
Grade: 9 - 12
Credit: .25/per semester
Facility: Bennington, Tescott

Course Description: This course prepares students for success in high school and/or for postsecondary education. Course topics include the development of each students' individual plan of study (vision boards) and completion of monthly SECD lessons, as well as remediation or support in a variety of ways.

CREDIT RECOVERY & ONLINE LEARNING OPPORTUNITIES

Whether credit recovery, a non-offered high school course, or a college course, online education is an opportunity to increase course offerings through an online format. Students will report to an assigned proctor to complete coursework during the school day as they would for any other class. If possible, students who have previously failed a class will be enrolled in a traditional face to face class. If the schedule does not permit the option of taking a face to face class, students will work with the counselor to determine if an online credit recovery course is an appropriate alternative. In addition, students may select a wide-variety of courses through the Edgenuity learning platform if they have exhausted other options in the traditional schedule. Students may enroll in online college courses and will be awarded both college and high school credit. Enrollment, admission, selection of courses and payments of all fees are the responsibility of the student and his/her parent(s).