

Course Descriptions

For 2021-22 School Year



TAFT HIGH SCHOOL

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9th grade classes

English: choose regular Language Arts 9 or Advanced Language Arts 9

Math: choose Integrated Math 1,2,3 depending on last math completed

Science: choose Biology or Physical Science

PE: choose two semesters of PE

High School 101: must choose - required for all 9th graders

Fine Arts or Electives: Choose 2.0 credits or four .5 semester classes

10th grade classes

English: must choose Language Arts 10 or Advanced Language Arts 10

Math: must choose one: Integrated Math 1,2,3 depending on last math completed

Science: must choose one: Chemistry, Marine Science or Physics (Must have completed Integrated Math 2 with C or better for Physics)

Health: must choose - required for all 10th graders

Global Studies: must choose - required for all 10th graders

Fine Arts or Electives: Choose 2.0 credits or four semesters

11th grade schedules

English: choose Language Arts 11, or Writing 121/122, or AP Literature

Math: choose Integrated Math 1,2,3, or Math 111/112 or Math 251/252

Science: choose one: Chemistry, Physics, Marine Science, Advanced Biology

US History: required for 11th graders

Fine Arts or Electives: fill rest of schedule with these classes

12th grade classes

English: choose Language Arts 12, or Writing 121/122, or AP Literature

Math: Integrated Math 1,2,3, Math 111/112, Math 251/252 or no math if you have 3 credits

Science: Chemistry, Physics, Marine Science, Advanced Biology or no science if you have 3 credits

Economics: Must choose - required for all seniors

Government: Must choose- required for all seniors

Fine Arts or Electives: fill rest of schedule with these classes

COURSE DESCRIPTIONS

Electives

ADVANCEMENT VIA INDIVIDUAL DETERMINATION 9-12 (AVID)

Grade Level: 9-12

Advisory: This course satisfies an elective (el) graduation requirement.

Prerequisite: Completion of the program application or counselor approval or current AVID student standing.

Length: 2 semesters, 1.0 credit el

This course is designed to improve student academic performance and achievement via college preparatory skills; for students who have demonstrated academic potential by earning a 2.5–3.5 grade-point average. Students will receive two hours per week of instruction in college entry-level skills; two hours per week in tutor-led study groups; and one hour per week in motivational activities and academic survival skills. The focus of the course is the connection between reading and writing skills across the curriculum. To add or drop the AVID course, the student must submit a completed program application.

CHILD CARE INTERNSHIP

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies an elective (el) graduation requirement.

This course is graded Pass/No Pass.

Prerequisite: Completion of the Early Child Education 1 course or instructor approval.

Length: 1 semester, 0.5 credit el

Students will perform a variety of roles that assist the Taft Early Early Learning Center. This is a good opportunity to explore a career field that involves teaching children.

HIGH SCHOOL SUCCESS - Required Elective for all 9th grade students (Can choose AVID 9 instead)

Grade Level: 9

Advisory: This course satisfies an elective (el) graduation requirement

Prerequisite: none

Length: 2 Semesters, 1.0 elective credit

This course is designed to help support 9th grade students in their first year of high school. Topics covered will be credits, transcripts, types of diplomas, post-high school topics like college and careers, scholarships, etc. Students will also learn study skills, emailing, and other skills related to high school and workplace success. Some of the time may be used to complete work for other classes and to stay organized on assignment due dates, etc.

STRENGTH TRAINING

Grade Level: 10, 11, 12

Advisory: This course satisfies a physical education (pe) or elective (el) graduation requirement.

Prerequisite: Successful completion of the Physical Education course with a grade of C or better.

Length: 1 semester, 0.5 credit pe or el

This course is designed to increase strength and endurance through the use of weights, plyometrics, medicine balls, speed and agility equipment.

TRAVEL AND TOURISM

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies an elective (el) graduation requirement.

Prerequisite: none

Length: 1 semester, .5 credit el

Tourism is an important industry as well as a source of identity and meaning for individuals, local groups, and nations. This course examines tourism from an anthropological view. Students will explore and analyse various forms of tourism, such as historical tourism, cultural heritage tourism, eco-tourism, ethnic tourism and development tourism. Attention is given to gender, ethnicity, nationalism, class, environmental and economic impact, and the political importance of tourism in a globalizing world

Fine Arts/Career-Technical Education

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE

Grade Level: 10, 11, 12

Advisory: This course satisfies an elective (fa) graduation requirement.

Prerequisite: Instructor approval

Length: 2 semesters, 1.0 credit fa

The AP Computer Science A course and exam continues to focus on computer skills related to programming in Java. The new AP Computer Science Principles course complements AP Computer Science A as it aims to broaden participation in the study of computer science. The courses underscore the importance of communication solutions appropriately and in ways that are relevant to current societal needs. AP Computer Science courses address traditional issues of equity, access, and broadening participation in computing while providing a strong and engaging introduction to fundamental areas of the discipline

AMERICAN SIGN LANGUAGE I

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit fa

This course develops basic skills in American Sign Language (ASL). The course may satisfy the foreign language requirement for the student who intends to attend a college or university after high school. It is the student's responsibility to verify foreign language requirements for admission to specific colleges and universities.

AMERICAN SIGN LANGUAGE II

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the ASL I course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course builds upon fundamental concepts presented in ASL I and introduces students to more advanced skills in ASL. The course may satisfy the foreign language requirement for the student who

intends to attend a college or university after high school. It is the student's responsibility to verify foreign language requirements for admission to specific colleges and universities.

AMERICAN SIGN LANGUAGE III

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the ASL II course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course builds upon fundamental concepts presented in ASL II and introduces students to more advanced skills in ASL. The course may satisfy the foreign language requirement for the student who intends to attend a college or university after high school. It is the student's responsibility to verify foreign language requirements for admission to specific colleges and universities.

ANNUAL

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Instructor approval to continue after one semester.

Length: 2 semesters, 1.0 credit fa

This course is a combination of the Journalism I, II and Yearbook courses. Students are responsible for planning and creating original content for and design of The Talisman. Students must work well with deadlines and with little supervision

CHOIR

Grade Level: 9,10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisites: Enrollment is offered by audition.

Length: 2 semesters, 1.0 credit fa

Symphonic Choir is a performance ensemble that specializes in accompanied and "a cappella" vocal music. Members will study, rehearse and perform a variety of vocal literature on a daily basis. Students will be taught proper posture and breath control, and are expected to use those abilities to improve their signing technique. Sight-singing, counting rhythm, voice blending, and professional conduct will also be taught and assessed. The Symphonic Choir will frequently meet outside of school hours.

COMMERCIAL GRAPHIC DESIGN & PRODUCTION

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit fa

This course is an introduction to art and graphic design. It covers technical and abstract approaches to art and design with a wide breadth of media.

CULINARY A

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of two semesters of Foods & Nutrition courses with a grade of C or better or teacher approval and successful completion of one semester of a Foods & Nutrition course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course provides students with knowledge and skills related to commercial and institutional food service establishments. Course topics range widely, but will usually include sanitation and safety procedures, nutrition and dietary guidelines, food preparation (and quantity food production), and meal

planning and presentation. The course may also include back-of-the-house and front-of-the-house experiences, and may therefore also cover reservation systems, customer service, and restaurant/business management.

CULINARY B

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite:

Length: 2 semesters, 1.0 credit fa

This course provides students with knowledge related to commercial and institutional food service establishments, with an emphasis on management. Course topics include guest service and relationships, planning, resource management, and other topics related to managing and operating restaurants.

DIGITAL MEDIA DESIGN & PRODUCTION I

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the Commercial Graphic Design & Production course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course is an introduction to digital media. Students will learn to design in multiple professional-level programs, and then output two- and three-dimensional forms with various printers, carvers and digital platforms.

DIGITAL MEDIA DESIGN & PRODUCTION II

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the DMDP I course with a grade of C or better.

Length: 1 semester, 1.0 credit fa

This course builds on DMDP I, with a focus on two-dimensional output in the form of stickers and T-shirts. Students will develop design skills in Adobe Illustrator and learn the process to generate T-shirts and stickers with those designs.

EARLY CHILDHOOD EDUCATION I

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit fa

The course will give you an introduction to the growth and development of children, from birth through age 8. Specific attention will be placed on understanding children's physical, social and emotional growth. Hands-on children's activities are included to help you understand the importance of play, also known as inquiry, by experimentation, and seeing the working from a child's perspective.

EARLY CHILDHOOD EDUCATION II

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the Early Childhood Education I course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course is the second year of child development, psychology, vocational child-care, and early childhood training. The course is designed to develop the student's knowledge and practical experience. High school students interact with each other, infant, toddlers, and preschool-aged children. Four days per

week are spent teaching in the on-campus Early Learning Center, and one day is spent planning age-appropriate activities and learning about best educational practices for young children.

EARLY CHILDHOOD EDUCATION III

Grade Level: 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the Early Childhood Education II course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course is the third year of child development, psychology, vocational child-care, and early childhood training. The course is designed to further develop the student's knowledge and practical experience. High school students choose their own independent study of elementary school-age children. Four days per week are spent in the elementary school; one day per week is spent planning age-appropriate activities and working on the semester project.

EARLY CHILDHOOD EDUCATION IV

Grade Level: 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of the Early Childhood Education III course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

This course is the fourth year of child development, psychology, vocational child-care, and early childhood training. The course is designed to further develop the student's knowledge and practical experience. High school students choose their own independent study of infant-elementary school-age children. Four days per week are spent in the classroom; one day per week is spent planning age-appropriate activities and working on the semester project.

FORESTRY/FIRE SCIENCE

Grade: 9, 10, 11, 12

Advisory: This course fulfills the science (sc) or electives (el) graduation requirement.

Prerequisite: None

Length: 1 semester; 0.5 credit. fa/el

This course will study the interrelationships of organisms and forested areas. The emphasis will be on fire-fighting science, human influences, ecological structures, survey of populations, and ecosystems. This course is designed to provide a basis needed to understand modern forestry practices and the resulting impacts upon the environment.

FORESTRY/FIRE SCIENCE 2

Grade: 10, 11, 12

Prerequisite: Forestry 1

Length: 2 quarters; 1.0 credit (fine arts)

This course will expand on Forestry 1 and study more of the interrelationships of organisms and forested areas. The emphasis will be on fire-fighting science, human influences, ecological structures, survey of populations, and ecosystems. This course is designed to provide a basis needed to understand modern forestry practices and the resulting impacts upon the environment.

FOOD & NUTRITION A

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fine arts) graduation requirement.

Prerequisite: None

Length: 1 semester, 0.5 credit fa

This course provides students with knowledge and skills about food preparation and/or production with a strong emphasis on nutrition, balanced diets, and satisfying special dietary needs. Topics typically include assessing nutrient content, the science of food and nutrition, physiology and utilization of nutrients. The course includes preparing quick breads, eggs, desserts and soups.

FOOD & NUTRITION B

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: None

Length: 1 semester, 0.5 credit fa

This course examines specific topics related to restaurant, and food and beverage services, including knowledge in cultural foods, micronutrients and alternative diets. The course includes preparing higher technique foods such as yeast breads, meat and seafood, and fruit and vegetables.

INTRODUCTION TO COMPUTER PROGRAMMING

Grade Level: 9, 10, 11, 12

Length: 2 quarters, 1.0 credit (elective)

This course will introduce students to the basics in computer science and programming.

LINCOLN CITY JAZZ BAND

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Participation in Symphonic Band and instructor approval. Enrollment is offered by audition.

Length: 2 semesters, 1.0 credit fa

Jazz Band is a performance ensemble that specializes in jazz, rock, funk, fusion, swing, and big-band music. Members will study, rehearse and perform a variety of jazz literature on a daily basis. Students will be challenged to expand their soloing technique and learn how to improvise. Sight-reading, rhythm counting, tuning, tone quality and professional conduct will also be taught and assessed. The Jazz Band will frequently meet outside of school hours, and willful attendance is required and expected of all members.

MYTHOLOGY

Grade Level 9,10,11,12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: none

Length: 1 semester, .5 fa credit

The focus of Mythology is to learn about the world's ancient mythological traditions, from Greco-Roman mythology to Norse mythology to Native American mythology. We will look at how they are connected, at archetypes, origin stories, heroes and villains, how women are treated, and the history that surrounds the myths (like Medieval England or Indigenous histories).

SPANISH I

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisite: Successful completion of an English course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

Spanish I will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be placed on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to

carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary and grammatical concepts.

SPANISH II

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Successful completion of both semesters of the Spanish I course with a grade of C or better.

Length: 2 semesters, 1.0 credit fa

The Spanish II course builds upon knowledge gained and reinforces skills developed in Spanish I: listening, speaking, reading and writing. Emphasis is placed on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.

SYMPHONIC BAND

Grade Level: 10, 11, 12

Advisory: This course satisfies a fine arts (fa) graduation requirement.

Prerequisites: Concert Band and instructor approval. Enrollment is offered by audition.

Length: 2 semesters, 1.0 credit fa

Symphonic Band is a competitive band and will participate in two festivals each year in addition to regular performances. Outside practice is required. Students will be challenged to expand their playing techniques. Sight-reading, rhythm counting, tuning, tone quality and professional conduct will also be taught and assessed

Language Arts

ADVANCED PLACEMENT (AP) ENGLISH LITERATURE

Grade Level: 11,12

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisites: Completion of Writing 122 with a grade of C or better or instructor approval.

Length: 2 semesters, 1.0 credit cm

The AP Language and Composition course aligns to an introductory college-level, rhetoric-based curriculum, which requires the student to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. The student will evaluate, synthesize and cite research to support their arguments. Throughout the course, the student develops a personal style by making appropriate grammatical choices.

LANGUAGE ARTS 9

Grade Level: 9

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisite: None

Length: 2 semesters; 1.0 credit cm

This course is the initial high school offering for freshmen and consists of writing in a variety of poetry, fiction and nonfiction. Heavy emphasis is placed on the writing process.

ADVANCED LANGUAGE ARTS 9

Grade Level: 9

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisites: Satisfactory score on the placement exam and instructor approval.

Length: 2 semesters, 1.0 credit cm

The student is placed in this advanced freshman course after successfully completing Advanced English in the 8th grade. The student will be challenged with a more extensive workload and will be expected to complete more coursework outside of the classroom.

Continues the focus of WR 121 on academic writing as a means of inquiry with added emphasis on persuasion and argument supported by external research. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness, and formulate original positions. Emphasizes development of writing and critical thinking through logical reasoning, rhetorical control, independent research, and information literacy.

LANGUAGE ARTS 10

Grade Level: 9

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisite: None

Length: 2 semesters; 1.0 credit cm

This course is the initial high school offering for freshmen and consists of writing in a variety of poetry, fiction and nonfiction. Heavy emphasis is placed on the writing process.

ADVANCED LANGUAGE ARTS 10

Grade Level: 9

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisites: Satisfactory score on the placement exam and instructor approval.

Length: 2 semesters, 1.0 credit cm

The student is placed in this advanced freshman course after successfully completing Advanced English in the 8th grade. The student will be challenged with a more extensive workload and will be expected to complete more coursework outside of the classroom.

LANGUAGE ARTS 11

Grade Level: 11

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisite: Junior standing or instructor approval.

Length: 2 semesters, 1.0 credit cm

Students will learn the important ideas and traditions in American literature, principles of academic writing and research, how to construct and deliver presentations, and work together with peers while demonstrating acquisition of skills necessary to proceed to the next level of English instruction.

LANGUAGE ARTS 12

Grade Level: 12

Advisory: This course satisfies a communication (cm) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit cm

This yearlong course provides the student with the opportunity to engage in reading, discussion, writing, revision, research, presentation, listening, collaboration, and leadership activities. Assigned texts provide platforms for discussion of topics and concerns of local, national and international interests.

WRITING 121

Grade Levels: 11, 12

Advisory: This course satisfies a communication (cm) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Completion of Advanced World Literature with a grade of C or better or instructor approval.

Length: 1 semester, 0.5 credit cm as well as 4 college credits

The course focuses on academic writing as a means of inquiry, and uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness, and formulate positions. Emphasizes development of a variety of strategies to present evidence in support of a thesis.

WRITING 122

Grade: 11, 12

Advisory: This course satisfies a communication (cm) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Completion of Writing 121 with a grade of C or better.

Length: 1 semester, 0.5 credit cm as well as 4 college credits

Continues the focus of WR 121 on academic writing as a means of inquiry with added emphasis on persuasion and argument supported by external research. Uses critical reading, discussion and the writing process to explore ideas, develop cultural awareness, and formulate original positions. Emphasizes development of writing and critical thinking through logical reasoning, rhetorical control, independent research, and information literacy.

Mathematics

INTEGRATED MATH I

Grade Level: 9,10,11,12

Advisory: This course satisfies a mathematics (ma) graduation requirement.

Prerequisite: Teacher placement

Length: 2 semesters, 0.5 credit each

Integrated Math 1 is the first of three Common Core State Standards high school-level courses that integrate Algebra, Geometry, Trigonometry, and Statistics. This course will focus on extending students' understanding of linear functions and their applications. Topics will include solving multi-step equations, modeling real-world situations, sequences, properties of geometric figures, introduction to proofs, and coordinate geometry.

INTEGRATED MATH II

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a mathematics (ma) graduation requirement.

Prerequisite: Successful completion of both semesters of the Integrated Math 1 course.

Length: 2 semesters, 1.0 credit ma

Integrated Math 2 is the second of three Common Core State Standards high school-level courses that integrate Algebra, Geometry, Trigonometry, and Statistics. During this course, students will explore radicals, exponents, polynomials, quadratics, complex numbers, and functions.

INTEGRATED MATH III

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies a mathematics (ma) graduation requirement.

Prerequisite: Successful completion of both semesters of the Integrated Math 2 course.

Length: 2 semesters, 1.0 credit ma

Integrated Math 3 is the third of three Common Core State Standards high school-level courses that integrate Algebra, Geometry, Trigonometry, and Statistics. This course will focus on exploring various types of functions, trigonometry, statistical inference, and sequences and series.

MATH 111

Grade Level: 10, 11, 12

Advisory: This course satisfies a mathematics (ma) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Successful completion of both semesters of the Algebra II course with a grade of B or better.

Length: 1 semester, 0.5 credit ma as well as 5 college credits

The course explores relations and functions graphically, numerically, symbolically and verbally. The course examines exponential, logarithmic, polynomial and rational functions. The course also investigates applications from a variety of perspectives.

MATH 112

Grade Level: 10, 11, 12

Advisory: This course satisfies a mathematics (ma) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Successful completion of the College Algebra (MTH 111) course with a grade of B or better.

Length: 2 semesters, 1.0 credit ma as well as 10 college credits.

Description is missing.

MATH 251 and MATH 252

Grade Level: 11, 12

Advisory: This course satisfies a mathematics (ma) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Successful completion of the Trigonometry (MTH 112) course with a grade of B or better.

Length: 2 semesters, 1.0 credit ma as well as 10 college credits

Semester 1 includes limits, continuity, derivatives and applications of derivatives. Semester 2 includes limits, continuity, derivatives and applications of derivatives.

PE/Health

PHYSICAL EDUCATION (PE)

Grade Level: 9

Advisory: This course satisfies a physical education (pe) or elective (el) graduation requirement.

Prerequisite: Freshman standing

Length: 2 semesters, 1.0 credit pe/el

During the yearlong course, students will be able to learn, practice and play a variety of sports and games.

Students will also be challenged to work toward greater cardiovascular health. By the end of the year, students will have participated in a large variety of indoor and outdoor sports, they will also have achieved a higher level of fitness after engaging in planned workouts on a weekly basis.

HEALTH

Grade Level: 10

Advisory: This course satisfies a health (hl) or elective (el) graduation requirement.

Prerequisite: Freshman standing

Length: 2 semesters, 1.0 credit health

This health education course focuses on the core concepts of balance, moderation and prevention, and their role in maintaining wellness. The course provides information and skills to influence students to take positive action for their own health.

Science

ADVANCED BIOLOGY (BIO 101, BIO 102 and BIO 103)

Grade Level: 11, 12

Advisory: This course satisfies a science (sc) graduation requirement. This is a college-level, dual-enrollment course; you will be enrolled both at Taft and OCCC. This means, if you decide to drop the class, it is your responsibility to consider the deadlines and consequences for doing so at each institution.

Prerequisite: Completion of Biology and Chemistry or Physics courses with a grade of B or better.

Length: 2 semesters; 1.0 credit sc as well as 12 college credits

- The BIO 101 course introduces the properties of life, morphology and physiology of cells, cell chemistry, energy transformation, and the basic principles of ecology. Designed as a laboratory-science course for non-biology majors, it is the first course of a three-course sequence.
- The BIO 102 course presents protein synthesis, cell division, genetics, reproduction and development, and evolution. Designed as a laboratory-science course for non-biology majors, it is the second course of a three-course sequence.
- The BIO 103 course presents the evolutionary relationships among the kingdoms, and includes a comparison of biological systems across kingdoms. Designed as a laboratory-science course for non-biology majors, it is the final course of a three-course sequence.

BIOLOGY

Grade Level: 9

Advisory: This course satisfies a science (sc) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit sc

This is an introductory biology course which provides a perspective on the sphere of life, its organisms, and the role of humans within it. The course develops the spirit and procedures of scientific inquiry while setting forth the functional and organizational principles of life. Emphasis is placed on the interrelationship of all life forms.

CHEMISTRY

Grade Level: Typically for 10th graders

Advisory: This course satisfies a science (sc) graduation requirement.

Prerequisite: None

Length: 2 semesters, 1.0 credit sc

Chemistry is the study of matter and the changes matter undergoes. In this lab-based course, students learn chemistry concepts, including atomic and molecular structure, nomenclature, bonding and reactions, phase changes, gas behavior, solutions, and acid and bases. The course is rigorous, and is recommended for the student who intends to continue in academics beyond high school, or the student who is interested in science.

MARINE SCIENCE

Grade Level: 10, 11, 12

Advisory: This course satisfies a science (sc) graduation requirement.

Prerequisites: none

Length: 1 semester, 0.5 credit (sc)

Explore the ecology of the local marine environment while you earn science credit in this one-semester class. In this class, you will achieve Next Generation Science Standards HS-LS2-1 through HS-LS2-8. These standards cover the field of ecology. Ecology is the study of the natural environment and the plants and animals that live there. To achieve the standards in the class, you will perform science research projects using data and analysis tools from Oregon State University's marine science Ph.D. program.

PHYSICS

Grade Level: 10, 11, 12

Advisory: This course satisfies a science (sc) graduation requirement.

Prerequisite: Successful completion of both Math 1 and Math 2 courses with a grade of C or better.

Length: 2 semesters, 1.0 credit sc

Physics is a college-preparatory course designed for the student who will be required to enroll in a physics course again in college, particularly the student who intends to pursue a science-related college major and career field. The student will study Newtonian mechanics, including statics and dynamics, wave dynamics, acoustics, electricity and magnetism, and some modern physics. The lab-based course provides opportunities to experience the topics covered.

PHYSICAL SCIENCE

Grade Level: 9-12

Advisory: This course satisfies a science (sc) graduation requirement.

Prerequisites: none

Length: 2 semesters, 1.0 credits (sc)

Physical science, the systematic study of the inorganic world, as distinct from the study of the organic world, which is the province of biological science. Physical science is ordinarily thought of as consisting of four broad areas: astronomy, physics, chemistry, and the Earth sciences.

Social Studies

ECONOMICS

Grade Level: 12

Advisory: This course satisfies a social sciences (ec) graduation requirement. Offered 2nd semester

Prerequisite: Senior standing

Length: 1 semester, 0.5 credit ec

Students can expect to learn about different economic systems in the world such as macro vs. micro and consumerism. They will also be given instruction regarding the inner workings of the United States capitalistic system. Work regarding the relationship between government, citizens, and the economy will be a predominant part of the course as will credit and finances.

GLOBAL STUDIES

Grade Level: 10

Advisory: This course satisfies a social studies (us) graduation requirement.

Prerequisite: Sophomore standing

Length: 2 semesters, 1.0 credit us

Students will learn about world history, current events and global connections. Students will study Africa, the Middle East, Australia, Asia, Europe, Latin America, and the historical events that tie to current issues. For instance, students will learn about and discuss Rwandan Genocide, women's rights in the Middle East, and the forced removal of Aborigines in Australia, among other topics. In addition, students will learn about the Nobel Peace Prize process, the United Nations and weapons of mass destruction. The course is based on an equal amount of discussion, group projects, reading and lecture.

GOVERNMENT

Grade Level: 12

Advisory: This course satisfies a social studies (gv) graduation requirement. Offered 1st semester.

Prerequisite: Senior standing

Length: 1 semester, 0.5 credit gv

This course will give the student an understanding of how the Congress, Supreme Court and Presidency work. Students will explore the philosophical beginnings of American government while also studying other forms of government throughout the world. Students will gain additional understanding of election processes, political parties, civil liberties, the Constitution and the Bill of Rights.

U.S. HISTORY

Grade Level: 11

Advisory: This course satisfies a social studies (us) graduation requirement.

Prerequisite: Junior standing

Length: 2 semesters, 1.0 credit us

U.S. History is a yearlong survey of American history from Reconstruction to the late 20th century. Emphasis is placed on vocabulary, critical thinking skills, historical writing, and interpretation of original documents. The focus of the course will be based upon topics such as politics, culture, conflict, minorities, progress, and what makes the United States unique.

PSYCHOLOGY

Grade Level: 9, 10, 11, 12

Advisory: This course satisfies an elective (el) graduation requirement.

Prerequisite: None

Length: 1 semester, 0.5 credit (el)

Psychology is the systematic study of individual human behavior and experience. The purpose of this course is to introduce the student to the content, terminology, methodology, and application of the discipline. This survey course contains an introduction followed by four units based on the physiological, cognitive, behavioral, and affective domains of psychology.