

COURSE CATALOG

TUMWATER HIGH SCHOOL



2024-2025

future

GRADUATES,

This TSD high school course catalog is an essential and helpful tool designed to assist you in making informed educational decisions in preparation for your future.

Our teachers and staff work hard to provide each student with challenging and meaningful experiences that prepare students for life beyond high school. The courses described in this catalog allow you to create a four-year program that works best for you. Use it as a resource as you explore options, select courses, and prepare for your future.

As you get ready for the coming year, know that we offer a wide variety of club, activity and athletic options in high school. High school is much more than a series of classes you select; it's a total experience that includes your connection to extracurricular activities to enrich your life and more closely connect you with your high school community. Students who get involved in activities are more successful and more fulfilled in their academic work.

Your academic plan and the classes you choose to take are very important. Take time to think through your options. Take courses that intellectually challenge you and allow you to explore new skills and talents. Be creative and think big. If you have questions about courses or your four-year plan, please contact a teacher, counselor, or administrator. They are there for you. As you prepare to make plans for the next few years, we encourage you to consider the following points:

- Career preparation begins your freshman year.
- Evaluate what you want to do, then create a purposeful High School and Beyond Plan to achieve that goal.
- Start early to determine and research the entry-level requirements for specific careers that interest you.
- Plan to challenge yourself during your senior year.
- Discuss this process with your family and share the goals of your high school program.
- We wish you great success as you make the most of the opportunities available to you in the Tumwater School District.

TSD HIGH SCHOOLS

AG WEST BLACK HILLS

7441 Littlerock Rd SW, Tumwater 98512

360.709.7800 ☎

Counseling Office 360.709.7820

CASCADIA HIGH SCHOOL

7299 New Market St SW Tumwater 98501

360.709.7760 ☎

Counseling Office 360.709.7764

TUMWATER HIGH SCHOOL

700 Israel Rd SW, Tumwater 98501

360.709.7600 ☎

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Continuous Student Learning in a Caring, Engaging Environment



READY... SET... GRADUATE

GRADUATION REQUIREMENTS

Students are assigned a graduation year at the time they enter ninth grade. The requirements set at that time remain regardless of the actual year the student completes high school. The four requirements are listed below:

1. HIGH SCHOOL AND BEYOND PLAN (HSBP)

The High School and Beyond Plan (HSBP) is a graduation requirement for every student in Washington State (RCW 28A.230.090/WAC 180-51-220). Starting in middle school, the HSBP process serves as a guide to support students, families, and school staff develop personalized plans to help set, visualize, and work to achieve goals in high school meant to increase access their post-secondary program to achieve their career goals. Development of the HSBP is supported in a classroom period or homeroom starting in middle school, no later than the end of 8th grade. The HSBP is flexible and intended to grow with the student as they discover their interests, skills, and aptitudes throughout high school. As it is updated annually, the HSBP becomes a map to guide students from where they are to where they want to be, both academically and in life.

2. SENIOR PRESENTATION

In the spring of senior year, graduating seniors will complete a Senior Presentation to include all elements listed below:

- **RESUME**- Over the course of high school and in conjunction with the HSBP, students will develop a personalized resume. Students must submit an updated resume for their senior presentation.
- **COMMUNITY SERVICE**- Over the course of high school, TSD requires 30 minimum hours of voluntary service (unpaid) with any non-profit organization (ex. youth programs, shelters, food banks, churches, etc.). Students document hours using the TSD Community Outreach Form which must be submitted to the Career Center Specialist prior to the student's Senior Presentation.
- **SENIOR INTERVIEW**- Students will develop a presentation to present to a panel consisting of a teacher, community member, and student advocate. Students meet standard based on the scoring rubric.

3. COURSE CREDITS

Students must earn a total of 24 credits in the areas specified by the State Board of Education. See details of the credit requirements on the 24 Credits page.

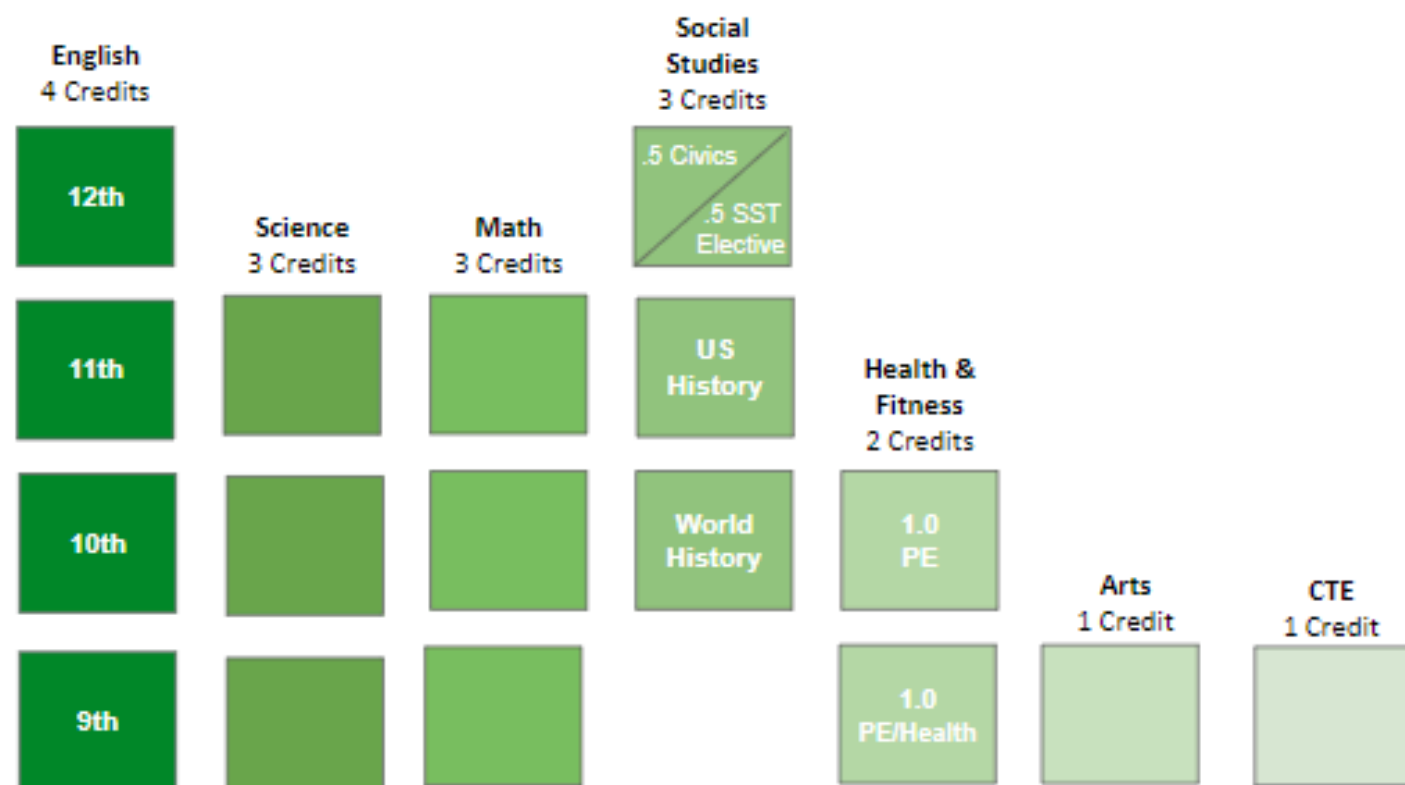
4. GRADUATION PATHWAY

Students must meet at least one of the available eight pathway options to graduate. Learn more on the Graduation Pathways page.

Graduation Requirements: 24 Credits

Course descriptions and prerequisites are listed in this catalog. Students must earn a total of 24 credits to graduate from Tumwater School District. Credit expectations are outlined below. For more information about graduation requirements, visit: sbe.wa.gov/our-work/graduation-requirements.

17 Foundational



7 Flexible Credits



*Personalized Pathway Requirements (PPR) are related to courses that lead to a specific post-high school career/ education. Students complete activities through their High School Beyond Plan that assist in identification of their PPR.

FIND YOUR Graduation Pathway



Students must meet one math and one English Language Arts (ELA) Pathway as defined in the High School and Beyond Plan (HSBP) in order to graduate from Tumwater School District.* There are 8 total pathways, but they are summed up in the 3 below!

1

Math Pathways

Meet Standard on the SBA (minimum score 2595)
All students take the SBA in 10th grade

Complete and qualify for college credit in a year-long dual credit math course

Earn credit in a year-long high school math transition course: Bridge to College Math

Meet standard on the SAT (430) or ACT (16) in math

ELA Pathways

Meet Standard on the SBA (minimum score 2548)
All students take the SBA in 10th grade

Complete and qualify for college credit in a year-long dual credit ELA course

Earn a C+ or higher in both semesters of a qualifying Advanced Placement (AP) ELA course OR score a 3 or higher on a qualifying AP ELA exam.

Meet standard on the SAT (410) or ACT (14) in reading, writing, or English

2

ASVAB PATHWAY



Meet standard on the Armed Services Vocational Aptitude Battery (ASVAB). This pathway meets both math and ELA requirements (Minimum AFQT: 31)

3

CAREER & TECHNICAL EDUCATION (CTE) PATHWAY



Complete a qualifying sequence of Career & Technical Education (CTE) Courses. This pathway meets both Math & Language Arts requirements.

Must earn 2.0 credits in one of the following pathways:

- Agriculture, Food, & Natural Resources
- Arts, A/V Technology, & Communications
- Business & Marketing
- Architecture & Construction (Skilled & Technical)
- Family & Consumer Science
- Health Science
- STEM

***Please check with your counselor for specific criteria regarding these pathways**



READY... SET... GRADUATE

DUAL CREDIT OPPORTUNITIES

ADVANCED PLACEMENT (AP)

This program allows students to take college-level courses, taught by high school teachers, at the high school. Courses are offered in 10th – 12th grades, and offerings vary by school. Throughout the course, students prepare for the corresponding AP exam offered in early May. Students are strongly encouraged to take the exam and will register for the exam in the fall.

Students are responsible for checking with their college(s) of interest in determining whether or not those colleges will accept AP credits.

Fees: Fees may apply

CAREER & TECHNICAL EDUCATION (CTE)

The CTE Dual Credit program helps students transition from high school to post-secondary professional and technical programs. CTE programming is a cooperative effort between K-12 schools, community and technical colleges, and the business community to develop applied, integrated academic and technical programs. Courses are taught by high school teachers, at the high school.

Fees: Students do not pay tuition.

COLLEGE IN THE HIGH SCHOOL (CIHS)

College in the High School (CiHS) is a dual-credit program that allows students to simultaneously earn both high school credit and college credit while taking courses offered in high school. CiHS courses are taught by TSD instructors who are approved and trained through the university with which they have partnered.

Fees: Students do not pay tuition

RUNNING START

Running Start (RS) is a partnership program between Washington State high schools and community colleges funded by the state legislature. RS provides high school juniors and seniors with the opportunity to take college-level and tuition-free courses (other fees may apply). For more information about how and when to apply for Running Start, see your high school counselor. For more information visit: <http://spscc.edu/running-start>.



OTHER IMPORTANT INFORMATION

HOW DO I SIGN UP FOR CLASSES?

Students sign-up for classes every spring through a multi-faceted process including online course requests and individual meetings with your school counselor. The individual meetings assure students are aware of their academic standing, graduation requirements, and graduation pathway. Working with their homeroom teacher and school counselor, students will select the courses that both meet graduation requirements and align with their High School and Beyond Plan.

This process helps the schools and the district know what courses are needed and wanted, helps plan for the total number of class sections needed for each course, and provides data to inform program development.

Course changes must be completed within the first 5 days of each semester. We do not change student schedules at semester unless initiated by a teacher or administrator due to serious academic, behavioral, or disciplinary issues.

NCAA ELIGIBILITY

High school students who wish to participate in collegiate athletics at Division I or Division II colleges must meet academic eligibility requirements set forth by the National Collegiate Athletic Association (NCAA). Students must graduate from high school having successfully completed a core curriculum as approved by NCAA. The requirements vary between Division I and Division II schools. Students and parents are encouraged to download the free guide for the college-bound student athlete from the NCAA website.

In addition, Division I & II bound students must meet specific grade point averages and SAT or ACT score requirements. During their senior year, students register with the Clearinghouse online. There is a fee for this registration process. Furthermore, Division I and Division II bound juniors and seniors should send any ACT or SAT test scores to the NCAA Clearinghouse (Code#9999) to maintain eligibility. Test scores on a school transcript are not acceptable. Additional score report request forms for the ACT and SAT tests are available in the Counseling Center. Students are responsible for checking with their college(s) of interest in determining whether or not those colleges will accept AP credits.



OTHER IMPORTANT INFORMATION

MASTERY-BASED CREDIT

Mastery-based learning is an instructional approach designed to help students learn grade level standards deeply and effectively. Per WAC 180-51-050, districts may award mastery-based credit to students who demonstrate mastery of the state learning standards at pre-determined cut scores. Demonstration of mastery is not limited to standardized assessment results. In conjunction with your HSBP and course planning, your school counselor will help determine where MBC can support your educational goals.

SEAL OF BILITERACY

The Washington State Seal of Biliteracy (RCW28A.300.575) recognizes public high school graduates who have attained a high level of proficiency in speaking, reading, and writing in one or more world languages in addition to English. In Tumwater, graduating seniors can earn this distinction by meeting all ELA graduation requirements and demonstrating proficiency in another world language either by earning four credits through proficiency testing or earning a score of three or higher on an AP World Language exam.

PE EXCHANGE

Up to 1.0 credit of the physical education credit graduation requirement may be exchanged for participation in directed athletics. See a school counselor for more information about the requirements and to complete the necessary paperwork during the senior year. Transfer students should see the high school registrar regarding exchanges from their previous school.

WASHINGTON STATE HISTORY

Students who have transferred to Tumwater School District in their 11th or 12th grade year having satisfied the requirement for another state history course while in high school may have the WSH requirement waived. New students to TSD in 9th or 10th grade must complete WSH. TSD students who did not successfully complete the WSH course in 8th grade, need to repeat the course. Work with your school counselor to determine the best option to complete this requirement.

KEY

COLLEGE CREDIT: All courses offering college credit are indicated with a **CC** symbol next to the course number.

EQUIVALENCY CREDIT (2 for 1): All courses that satisfy two graduation requirements are designated by the following symbol, **2 for 1**

Choosing a Career Pathway

Below is a set of resources to assist you in choosing the right career path, finding the most relevant classes, and identifying the Student Organizations that align with your interests. Click on the provided links to access a wealth of information that will guide you in making informed choices about your academic journey!

Agriculture, Food, & Natural Resources

[Careers](#) • [Courses](#) • [Student Organization](#)

Arts, A/V Technology & Communications

[Careers](#) • [Courses](#) • [Student Organization](#)

Business & Marketing

[Careers](#) • [Courses](#) • [Student Organization](#)
[Careers](#) • [Student Organization](#)

Architecture & Construction

[Careers](#) • [Courses](#) • [Student Organization](#)

Human Services

[Careers](#) • [Courses](#) • [Student Organization](#)

Health Sciences

[Careers](#) • [Courses](#) • [Student Organization](#)
[Student Organization](#)

STEM

[Careers](#) • [Courses](#) • [Student Organization](#)

the ARTS

Students can select from several art pathways. Whether your home is on the stage or in the studio, there's an art class for you! Act casual and join a theater arts class as part of our performing arts program, or get your hands dirty and create artwork in studio art! Do you play an instrument or sing? Help Tumwater come alive with the sound of music.



CTE & THE ARTS (2 FOR 1)

ARCHITECTURAL DRAFTING *2 for 1*

IED 604 & 605

This course is designed to provide experience in planning and drawing a complete set of plans for a house. Students should be comfortable with both hand and CAD drawing methods. Material covered will be:

- A. Home site and vicinity maps, floor plan characteristics
- B. Lettering, symbols, construction details
- C. Exterior design, rendering, lighting and wiring
- D. Perspectives and illustrations of interior
- E. Section views, foundations, roof plans and IBC and county requirements
- F. Specifications, estimating

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 - 12

Prerequisite(s): Technical Drawing

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DIGITAL PHOTOGRAPHY 1: Skills Development 2 for 1

[THS Digital Photography](#)

IED 620 & 621

In Digital Photography I, students will cover the use of digital camera controls, including aperture, shutter speed, ISO and the production of a correct exposure. Skills will include composition, criticism, lighting and image editing software. Students will also learn the history of photography. Project will include creative use of the camera controls including depth of field, action motion, shadows and light, alternative camera angles, portraits, still lifes and compositions based on the principles and elements of design.

The 2nd semester will go deeper into the use of the digital camera controls and image editing software. Students will also learn to use image editing software to create art through compositing images. Students will be exposed to careers in photography and given opportunities to participate in various competitions.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): None

DIGITAL PHOTOGRAPHY 2: Artistic Design 2 for 1

[THS Digital Photography](#)

IED 622 & 623

Digital Photography II will provide students with deeper knowledge of digital cameras, careers in the arts, studio lighting, and workflows. Students learn to understand the artistic qualities of the photographic medium while acquiring the techniques for utilizing photography for expressive purposes. Instruction includes studio and field techniques, photojournalism, fashion photography and commercial, portrait, scientific, nature, wildlife and sports photography. In producing their own works and by studying the photographs of others, students will develop a base for making informed aesthetic choices. Integrated throughout the course are career preparation standards which include basic problem solving, workplace safety, technology and employment literacy.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): Successful Completion of Digital Photography I and/or Instructor Permission

DIGITAL PHOTOGRAPHY 3: Career Portfolio

[THS Digital Photography](#)

IED 618 & 619

Advanced level will provide students with knowledge of contemporary digital photography. Students will have the opportunity to produce photographs to be used in a professional portfolio. Students must be able to work independently and with a team of other students. Exploration of personal projects will be the main focus of the class. Career preparation will be emphasized through specific projects that support school activities and/or work related requests. An option to work on AP Art is available.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 – 12

Prerequisite(s): Successful Completion of Digital Photography II and/or Instructor Permission

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ART 1: Skills Adventure 2 for 1

[ART 1,2,3](#)

FIN 629 & 630

In this foundation course, students will explore visual arts by creating, presenting, responding and connecting to art. This course will focus on traditional art foundations, with an introduction to a variety of art mediums and skills. Students will learn to recognize and use the elements of art and principles of design when making art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 9 – 12

Prerequisite(s): None

ART 2: Skills Challenge 2 for 1

[ART 1,2,3](#)

FIN 631 & 632

In this course, students will explore and apply visual arts knowledge of creating, presenting, responding and connecting to art. This course will focus on self- exploration based on art foundations, using a variety of art mediums and skills. Students will use and explore in depth the elements of art and principles of design when making art, discussing art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 –12

Prerequisite(s): Art 1

ART 3: Skills Master 2 for 1

[ART 1,2,3](#)

FIN 633 & 634

In this course, students will explore and apply visual arts knowledge of creating, presenting, responding and connecting to art. This course will focus on an independently created art goal created by the student and teacher. Self-exploration will be based on art foundations, and focused use of art mediums and skills. Students will use and explore in depth the elements of art and principles of design when making art, discussing art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 11 – 12

Prerequisite(s): Art 1 and Art 2

CERAMICS 2 for 1

FIN 635 & 636

This course will offer visual arts students a three- dimensional experience using a medium that requires risk-taking, perseverance and time management. It will address the needs of students who want to sculpt and create. It will provide a unique opportunity to access an art form that is uncommon to the general public. Ceramics prepares individuals creatively and technically to express emotions, ideas or inner visions by producing art works out of clay and similar materials. Includes instruction in hand built and wheel thrown techniques; molding, slips, and glazes, trimming, and decoration, firing and kiln operation, oxidation, mixed media, and personal style development.

Class length: 1 year

Credits: 1.0 credits

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): None

VISUAL COMMUNICATIONS 2 for 1

[THS Visual Communications](#)

IED 665 & 666

Students learn a variety of methods used in the visual communications field: photography, graphic design, game design, computer graphics, web design, and digital printing. These skills are developed through a series of student-designed projects completed with state-of-the- art equipment and the most current software. Students learn not only the graphic design process but go through the steps in order to produce final products. Come join our fast-paced class. All lessons will strengthen a student's ability to communicate, solve problems, be cyber safe, think critically, collaborate with peers, think creatively, and grow in the technical operations of computers. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): None

ADVANCED VISUAL COMMUNICATIONS 2 for 1

IED 673 & 674

Advanced Visual Communications includes the in-depth investigation and creation of visual images, printed material, illustration, web graphics, entertainment, infographics, video, animations, logos, and branding to reach specific audiences. This course aims to improve the perception of visual imagery, presentation skills, and evaluative skills through visual media analysis. This course will support college or career readiness through student- selected inquiry and visual portfolio development.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 – 12

Prerequisite(s): Visual Communications

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PERFORMING ARTS

TECHNICAL THEATER *2 for 1*

[Technical Theater](#)

IED 633 & 634

This course is designed to offer an introduction to theater and acting. Theater History, Elements of Production, Audition Techniques and Pantomime are some of the topics covered in this class. Students will develop the imagination through “Theater Games,” improvisation, pantomime, and characterizations. **THIS IS A PERFORMANCE CLASS!** All students can expect to be on stage almost daily while participating in a game, exercise, giving a presentation or performing a scene or monologue.

Class length: *1 year*

Credits: *1.0 credit*

Credit type: *Arts, CTE*

Grade level: *9 – 12*

Prerequisite(s): *Willingness to perform onstage required*

STAGECRAFT

IED 637 & 638

Stagecraft is the second course in the Technical Theater-Stagecraft Pathway. Stagecraft is **the art and design of putting on a play**. The term stagecraft covers everything from the writing of a play to its staging, set design, and lighting.

Class length: *1 year*

Credits: *1.0 credit*

Credit type: *CTE*

Grade level: *10 – 12*

Prerequisite(s): *Technical Theater*

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MUSIC

UKULELE

MUS 650 & 651

Ukulele is an INSTRUMENTAL arts offering for beginners. Students will learn basic strumming, chords, and picking techniques and to read music and tab. Ukulele 2 will continue into second semester for those who found a love for the instrument and wish to hone their skills.

Performing opportunities will be extended to students but not required and will be for those who wish to share their music. If you love music and wished you joined the band or orchestra, or you quit when you were younger, this is your chance to take it up again. Be aware that you need 2.0 art credits to graduate and this one could foster a lifelong hobby. Consider Ukulele for your school year!

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): None

SYMPHONIC CHOIR

MUS 604 & 605

This course is for the advanced treble or bass singer and will focus on higher levels of performance. Each student will experience and perform a wide range of music from many cultures and time periods. All members will be required to participate at scheduled performances throughout each semester. **Please note:** Each member is required to purchase their performance uniform.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11 – 12

Prerequisite(s): By audition only.

NOTEABLES

MUS 606 & 607

Students will learn various styles of choral music including: jazz, show, pop, renaissance, a cappella, etc. and are expected to attend all performances. Students in Noteables must also participate in one other large performing ensemble such as Concert Choir or Bonne Chanteuse. **Please note:** Each member is required to purchase their performance uniform.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): By audition only. Students must maintain a 2.0 GPA.

TREBLE/BASS CHOIR

MUS 612 & 613

Treble/Bass Choir is for singers in grades 9-12 who are beginning musicians. No experience is required for this course. Students do NOT need to be a “good” singer or soloist. Everyone will learn how to sing either alone or in a group depending on your comfort level. Wherever you begin, you will be coached and supported to improve. Reading music notation, learning good skills for listening to choirs, healthy vocal technique, self-evaluation and successful performance will make up the content and grade of this course.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): None

SYMPHONIC BAND

MUS 622 & 623

Students in Symphonic Band learn and practice the fundamentals of their instrument through rehearsal and performance. The symphonic band performance schedule includes but is not limited to 4 large concerts, large group contests, and graduation. Additional performances include all home football games and a maximum of 8 basketball games during those seasons. **Please note:** Each member is required to purchase their performance uniform.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): 2yrs of experience on a wind or percussion instruments instructor approval.

JAZZ BAND

MUS 624 & 625

Students in Jazz Band will learn the basics of jazz through rehearsal and performance. Students will play music from the “swing era” as well as more contemporary styles. Students will also have the opportunity to explore the basics of improvisation. The jazz band performance schedule includes but is not limited to 4 large concerts, community concerts as scheduled, and graduation. Auditions are held the first full week of school. **Please note:** All jazz band students who play a symphonic band instrument are required to be in symphonic band. Each member is required to purchase their performance uniform. Jazz Band meets from 6:40 – 7:30 a.m. weekdays. *This is an audition-only class.*

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): Students must play either saxophone, trumpet, trombone, piano, guitar, bass, or drum set.

ORCHESTRA

MUS 630 & 631

Orchestra is a string ensemble for intermediate to advanced students who play violin, viola, cello, or string bass. Students will develop instrument techniques, performance skills, music theory, and overall musicianship. A high level of motivation is required. Orchestra students will advance their musical understanding through performance of a wide variety of orchestra literature including, but not limited to: classical, contemporary, folk, and popular. Participating in Orchestra is a **yearlong** commitment. Orchestra students perform in concerts, festivals, tours and other musical events scheduled throughout the year. **Please Note:** All performances are mandatory. Each student is required to purchase their performance uniform.

Class length: *1 year*

Credits: *1.0 credit*

Grade level: *9 – 12*

Prerequisite(s): *Two years of middle school orchestra or instructor approval.*

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CTE

In CTE, you can find a course for your career path. Pathways include; Agriculture & Natural Resources, Business & Marketing, Family & Consumer Sciences, Health Sciences, Skilled & Technical, and Science, Technology, Engineering, and Mathematics (STEM).

AGRICULTURE & NATURAL RESOURCES PATHWAY (AFNR)

This career cluster is focused on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products or resources.

INTRO TO AGRICULTURE, FOOD, AND NATURAL RESOURCES *2 for 1*

SCI 636 & 637

Students will experience hands-on activities, projects, and problems involving the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Science

Grade level: 9 – 10

Prerequisite(s): None

NATURAL RESOURCES & ECOLOGY *2 for 1*

[Natural Resources & Ecology](#)

SCI 628 & 629

Students will explore hands-on projects and activities while studying topics as land use, water quality, stewardship, and environmental agencies. Study of the natural world including biomes, land, air, water, energy, use and care as well as a focus on issues surrounding man's interaction with the Earth will be addressed in this course. Students will select an ecosystem to study throughout the course and apply principles of natural resources and ecology from each unit of study.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Biology, Lab Science

Grade level: 10 – 11

Prerequisite(s): None

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BUSINESS & MARKETING PATHWAY

Business Management & Administration, Finance, Hospitality & Tourism, Information & Technology, and Marketing

Since the exchange of goods and services happens everywhere, business and marketing related subjects are among the most popular fields of study worldwide and include careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

INTRO TO MARKETING

DEO 601 & 602

This class is for students who wish to pursue a career in Marketing, Business, and Management. This course will cover topics including a broad-based view of the world of business, promote the importance of exploring business issues from different cultural perspectives, enable the student to develop the capacity to think critically about individual and organizational behavior, enhance the student's ability to make informed business decisions, view the significance of change in various contexts, and study social and ethical responsibilities with business operating in the global market. Students will be offered the opportunity to become a member of DECA, the student leadership organization for marketing students.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 - 12

Prerequisite(s): None

INTRO TO ENTREPRENEURSHIP

[Entrepreneurship](#)

BUS 610 & 611

This course is useful to anyone interested in learning how to start a business, manage a business or for those interested in the business industry as a career. Units focus on going into business for yourself, researching and planning a venture, and managing market strategies. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 - 12

Prerequisite(s): None

ADVANCED ENTREPRENEURSHIP (STUDENT STORE)

BUS 613 & 614

Students are offered a unique opportunity to gain work experience while working independently to operate our **school-based business called "Thunderbird Café."** The school-based business involves running a cash register, handling money, handling projects, preparing espresso drinks and smoothies, opening and closing the business and maintaining inventory. Some students will work more closely with activities that are known as "behind-the-scenes support." Career Ready Skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 10 - 12

Prerequisite(s): Intro to Entrepreneurship

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YEARBOOK

BUS 616 & 617

This course deals exclusively with the production, creation, marketing, selling, and distribution of the high school yearbook. As a staff member, students will be expected to cover school events. We are looking for staff members who exhibit the following traits:

- **Motivation:** students must be willing to attend events, work to meet deadlines, and work independently or with a small group
- **Creativity:** students are expected to be creative in both photo and writing composition
- **Writing ability:** students will need to be proficient writers and willing to learn the many aspects of writing necessary for the yearbook.
- **Photography skills:** students will need to be able to grasp concepts of digital photography including color, composition, and camera settings.
- **Computer savvy:** students will need to be excellent at file management, or willing to learn. Students will also have to master Adobe InDesign and Photoshop. Experience in either or both programs is a plus!
- If you have what it takes to be a successful yearbook student, please pick up an application.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 10 – 12

Prerequisite(s): Application and teacher approval required. Ninth grade students may be admitted with prior teacher approval.

PERSONAL FINANCE 2 for 1

BUS 620 & 621

First semester units include checking accounts, savings accounts, gross income, net income, cash purchases of merchandise including sales tax, rebates, coupons, and markdowns. Also, change accounts and credit card interest rates along with loans and automobile costs will be introduced. Second semester units include housing costs, insurance, investments, budgeting, record-keeping and calculations that a personnel department of a business would be concerned with. Also production and purchasing costs of a business along with sales and marketing costs will be introduced. EXCEL will be used extensively in this class. No prior experience is needed in EXCEL. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Algebra/Integrated I or 3rd Year Math

Grade level: 10 – 12

Prerequisite(s): None

MICROSOFT OFFICE USER SPECIALIST CC

BUS 624 & 631

Students will use Microsoft Windows 10.0 and Office Suite 2019 to prepare for Microsoft Office Certification Exams in PowerPoint, Excel Core, and Word Core. Certifications in Word Expert, Excel Expert and other programs may also be earned. Students will develop a résumé and learn to fill out a job application. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Dual Credit: Students can earn credits at SPSCC through this course

Grade level: 9 – 12

Prerequisite(s): None

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CYBERSECURITY

MAT 689 & 690

The course is designed to prepare students for a career in the field of cybersecurity. Students in this course will learn to defend their personal and company data, while establishing a code of ethics in the realm of cybersecurity. Students will learn the basic concepts of cybersecurity by leveraging their familiarity with technology they use every day, such as mobile devices and apps, as well as exploring the risks associated with how they use their email, personal files and social networking sites. Students use critical thinking to identify suspicious software running on the system and determine the problems it may have caused. Students apply what they've learned to perform a penetration test and secure a network against further attacks. Students race to see which team can identify an exploit, stop the attack, secure the system and make improvements to prohibit future attacks.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 10 – 12

COMPUTER SCIENCE ESSENTIALS

BUS 634 & 635

This course provides an excellent entry point for students to begin their computer science experience. Computer Science Essentials will expose students to computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. Students will collaborate just as computing professionals do to create products that address topics and problems important to them. This course will help students create a strong foundation to advance to Computer Science Principles. 21st Century Skills and employability skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 – 12

Prerequisite(s): None

AP COMPUTER SCIENCE PRINCIPLES

BUS 632 & 633

In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study and working with large data sets to analyze, visualize, draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems and will discuss and write about the impacts these solutions could have on their community, society, and the world.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 10 – 12

Prerequisite(s): Computer Science Essentials recommended but not required

FAMILY & CONSUMER SCIENCES PATHWAY

Human Services

As consumers and as family members, your quality of life depends on your desire and initiative to make a difference. Individually and as a community, our decisions concerning use of time, money and talent define the quality of life today and in your future. Courses in the Family and Consumer Sciences department will provide you with the opportunities to develop skills and projects that will support graduation requirements. You will also have opportunities to develop leadership skills that will apply to the core areas of written and oral communication, reading and math skills as you explore relevant subject areas that will help prepare you for life after high school.

CULINARY ARTS

FCS 101 & 102

Beginning Culinary Arts prepares explores safety and sanitation, basic culinary skills and knowledge, baked goods, and the food guide pyramid. Students will demonstrate their knowledge through individual and group activities, including meal planning and preparation.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 - 12

Prerequisite(s): None

ASL I

WLA 670 & 671

Students will develop an appreciation for American Sign Language as a living, unique, naturally occurring language and recognize the richness of the Deaf community's cultural traditions and values. Students will study Deaf history and culture and will acquire basic ASL skills through exposure to and practice of signed vocabulary, the grammar and syntax of ASL, the manual alphabet, numbering systems, and conversational phrases.

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 - 11

Prerequisite(s): None

ASL 2

WLA 672 & 673

Students will be further immersed in American Sign Language by reviewing vocabulary and concepts learned in ASL 1 through storytelling, exposure to native signers and Deaf literature. New vocabulary and linguistic concepts will be added at a quick pace and much of the year will be completely "voice off". Students will begin to explore interpreting and other careers related to signed language and Deafness, as well as vocabulary associated with their specific career and life interests. This class will emphasize communication as a human right and our role in increasing equal access to information for the Deaf Community.

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 - 12

Prerequisite(s): Successful completion of ASL I.

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ASL 3

WLA 674 & 675

American Sign Language III will prepare students to communicate authentically in ASL by interpreting (reading/viewing) exchanging (signing and reading), and presenting (signing).

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 – 12

Prerequisite(s): Successful completion of ASL II.

HEALTH SCIENCES PATHWAY

Health Science

Health Sciences workers promote health and wellness. They may work directly with patients to diagnose and treat injuries and disease, or work behind the scenes in a laboratory or administrative role. Health Sciences is a robust and versatile career area that can lend itself to many different flexible career paths.

PRINCIPLES OF BIOMEDICAL SCIENCE *2 for 1*

SCI 632 & 633

This is the introductory course of the Health Sciences Pathway. This course serves to expose students to the vast range of careers in biomedical sciences, including the fields of biology, anatomy and physiology, genetics, microbiology, and epidemiology. Students will explore and apply these concepts to real-world situations, cases, and problems. Topics covered include forensic science and medical investigations, medical professionals and family care clinics, and the work of public health officials and emergency responders.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): None

MEDICAL INTERVENTIONS *2 for 1*

[Medical Interventions](#)

SCI 638 & 639

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection: screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): Principles of Biomedical Sciences or Accelerated Biology

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NUTRITION 101 2 for 1 CC

Nutrition Science

SCI 642 & 643

Nutrition Science provides an exploration of nutrition (the study of how food nourishes the body) while acknowledging its grounding in science. The course includes an introduction to the role of nutrition in health, focusing on essential nutrients, human anatomy related to nutrition, energy balance, the body's response to physical activity, the role of different ingredients in food preparation, genetic modification of foods, factors that affect eating habits, nutrition advertising, nutrition and disease, establishing a healthy lifestyle and more.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): None

BIOLOGY 175/HUMAN ANATOMY 2 for 1 CC

THS Anatomy & Physiology

SCI 621 & 622

Human Anatomy is the study of structures and functions within the human body. This course is designed to prepare students for advanced biology classes and science-based careers. Class activities include lecture, lab activities, dissections, and the Manikin day body system. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems. Enrich your learning and leadership through participation in HOSA, a student leadership organization for future health professionals.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): *Principles of Biomedical Science, Accelerated Biology, or equivalent course.*

SKILLED & TECHNICAL SCIENCES PATHWAY

Architecture & Construction, Arts, A/V Technology, & Communication, Information Technology, and Manufacturing

Skilled and Technical Sciences (STS) courses utilize a hands-on, project based curriculum, which provide students with the opportunity to learn industry standard knowledge and skills in a variety of different career fields. STS courses emphasize career readiness skills such as project design, problem solving, critical thinking, communication, collaboration, creativity, and innovation. In addition, STS courses expose students to a variety of high-wage, high-demand, and high-skill careers. These courses provide students with the knowledge and skills necessary to ensure that they are college and/or career ready.

TECHNICAL DRAWING 2 for 1

IED 601 & 602

Designed to help students learn to visualize in three dimensions, develop and strengthen their technical imagination, think and draw precisely, read and write the language of industries. First semester will cover:

- A. Understanding the basic tools, freehand sketching, lettering, types of lines, and shape description.
- B. Background in drawing basics.
- C. Geometric construction and basic design concepts.
- D. Career awareness of opportunities available to drafting technology students.
- E. Students learn the art of pictorial drawing, drawing in perspective, cabinet oblique, isometric drawings and orthographic projection.
- F. Students are introduced to basic section drawings. Second semester will cover:
- G. Introduction to AutoCAD (computer aided drafting and design).
- H. Large format printing.
- I. Students will work with developments-advanced 3d projection.
- J. Career awareness of opportunities available to drafting technology students.
- K. Full, half, offset, revolved and broken-out sections.
- L. Auxiliary views and projections.
- M. Scale drawings, architectural layout for floor plans and elevations.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, 3rd-Year Math

Grade level: 9 – 12

Prerequisite(s): None

ARCHITECTURAL DRAFTING 2 for 1

IED 604 & 605

This course is designed to provide experience in planning and drawing a complete set of plans for a house. Students should be comfortable with both hand and CAD drawing methods. Material covered will be:

- A. Home site and vicinity maps, floor plan characteristics
- B. Lettering, symbols, construction details
- C. Exterior design, rendering, lighting and wiring
- D. Perspectives and illustrations of interior
- E. Section views, foundations, roof plans and IBC and county requirements
- F. Specifications, estimating

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 10 – 12

Prerequisite(s): Technical Drawing

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CONSTRUCTION TRADES

IED 613 & 614

This class will allow the students to explore aspects of construction trades (architecture, carpentry, materials, and the design process). This class will broaden and enhance students' skills and use of tools, construction trades techniques and design based projects. Planning, estimating costs and materials, constructing, and finishing the project play an important role in this class. Students will be required to design, estimate, build and finish a selected project per instructor request and supervision.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 – 12

Prerequisite(s): None

DIGITAL PHOTOGRAPHY I: Skills Development 2 for 1

[THS Digital Photography](#)

IED 604 & 605

In Digital Photography I, students will cover the use of digital camera controls, including aperture, shutter speed, ISO and the production of a correct exposure. Skills will include composition, criticism, lighting and image editing software. Students will also learn the history of photography. Project will include creative use of the camera controls including depth of field, action motion, shadows and light, alternative camera angles, portraits, still lifes and compositions based on the principles and elements of design.

The 2nd semester will go deeper into the use of the digital camera controls and image editing software. Students will also learn to use image editing software to create art through compositing images. Students will be exposed to careers in photography and given opportunities to participate in various competitions.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): None

DIGITAL PHOTOGRAPHY 2: Artistic Design 2 for 1

[THS Digital Photography](#)

IED 622 & 623

Digital Photography II will provide students with deeper knowledge of digital cameras, careers in the arts, studio lighting, and workflows. Students learn to understand the artistic qualities of the photographic medium while acquiring the techniques for utilizing photography for expressive purposes. Instruction includes studio and field techniques, photojournalism, fashion photography and commercial, portrait, scientific, nature, wildlife and sports photography. In producing their own works and by studying the photographs of others, students will develop a base for making informed aesthetic choices. Integrated throughout the course are career preparation standards which include basic problem solving, workplace safety, technology and employment literacy.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 9 – 12

Prerequisite(s): Successful Completion of Digital Photography I and/or Instructor Permission

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DIGITAL PHOTOGRAPHY 3: Career Portfolios

[THS Digital Photography](#)

FIN 629 & 630

Advanced level will provide students with knowledge of contemporary digital photography. Students will have the opportunity to produce photographs to be used in a professional portfolio. Students must be able to work independently and with a team of other students. Exploration of personal projects will be the main focus of the class. Career preparation will be emphasized through specific projects that support school activities and/or work related requests. An option to work on AP Art is available.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 – 12

Prerequisite(s): Successful Completion of Digital Photography II and/or Instructor Permission

ART 1: Skills Adventure 2 for 1

[ART 1,2,3](#)

FIN 629 & 630

In this foundation course, students will explore visual arts by creating, presenting, responding and connecting to art. This course will focus on traditional art foundations, with an introduction to a variety of art mediums and skills. Students will learn to recognize and use the elements of art and principles of design when making art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 9 – 12

Prerequisite(s): None

ART 2: Skills Challenge 2 for 1

[ART 1,2,3](#)

FIN 631 & 632

In this course, students will explore and apply visual arts knowledge of creating, presenting, responding and connecting to art. This course will focus on self-exploration based on art foundations, using a variety of art mediums and skills. Students will use and explore in depth the elements of art and principles of design when making art, discussing art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 10 – 12

Prerequisite(s): Art 1

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ART 3: Skills Master 2 for 1

[ART 1,2,3](#)

FIN 633 & 634

In this course, students will explore and apply visual arts knowledge of creating, presenting, responding and connecting to art. This course will focus on an independently created art goal created by the student and teacher. Self-exploration will be based on art foundations, and focused use of art mediums and skills. Students will use and explore in depth the elements of art and principles of design when making art, discussing art, and writing about art. This is a hands-on studio art course; all activities take place in the classroom. Projects will include technical exercises, preliminary sketches and finished works of art.

Class length: 1 year

Credits: 1.0 credit

Credit type: Arts, CTE

Grade level: 11 – 12

Prerequisite(s): Art 1 and Art 2

TECHNICAL THEATER 2 for 1

[Technical Theater](#)

IED 633 & 634

This course is designed to offer an introduction to theater and acting. Theater History, Elements of Production, Audition Techniques and Pantomime are some of the topics covered in this class. Students will develop the imagination through “Theater Games,” improvisation, pantomime, and characterizations. THIS IS A PERFORMANCE CLASS! All students can expect to be on stage almost daily while participating in a game, exercise, giving a presentation or performing a scene or monologue.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 9 – 12

Prerequisite(s): Willingness to perform onstage required

CERAMICS 2 for 1

FIN 635 & 636

This course will offer visual arts students a three- dimensional experience using a medium that requires risk-taking, perseverance and time management. It will address the needs of students who want to sculpt and create. It will provide a unique opportunity to access an art form that is uncommon to the general public. Ceramics prepares individuals creatively and technically to express emotions, ideas or inner visions by producing art works out of clay and similar materials. Includes instruction in hand built and wheel thrown techniques; molding, slips, and glazes, trimming, and decoration, firing and kiln operation, oxidation, mixed media, and personal style development.

Class length: 1 year

Credits: 1.0 credits

Credit type: CTE, Arts

Grade level: 9 – 12

Prerequisite(s): None

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VISUAL COMMUNICATIONS 2 for 1

[THS Visual Communications](#)

IED 665 & 666

Students learn a variety of methods used in the visual communications field: photography, graphic design, game design, computer graphics, web design, and digital printing. These skills are developed through a series of student-designed projects completed with state-of-the-art equipment and the most current software. Students learn not only the graphic design process but go through the steps in order to produce final products. Come join our fast-paced class. All lessons will strengthen a student's ability to communicate, solve problems, be cyber safe, think critically, collaborate with peers, think creativity, and grow in the technical operations of computers. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 9 – 12

Prerequisite(s): None

ADVANCED VISUAL COMMUNICATIONS 2 for 1

IED 674 & 675

Advanced Visual Communications includes the in-depth investigation and creation of visual images, printed material, illustration, web graphics, entertainment, infographics, video, animations, logos, and branding to reach specific audiences. This course aims to improve the perception of visual imagery, presentation skills, and evaluative skills through visual media analysis. This course will support college or career readiness through student-selected inquiry and visual portfolio development.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Arts

Grade level: 10 – 12

Prerequisite(s): None

STAGECRAFT

[Technical Theater](#)

IED 637 & 638

Stagecraft is the second course in the Technical Theater-Stagecraft Pathway. Stagecraft is **the art and design of putting on a play**. The term stagecraft covers everything from the writing of a play to its staging, set design, and lighting.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 10 – 12

Prerequisite(s): Technical Theater

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STEM PATHWAY

Science, Technology, Engineering & Mathematics

STEM is a curriculum based on the idea of educating students in four specific disciplines — science, technology, engineering and mathematics — in an interdisciplinary and applied approach. Rather than teach the four disciplines as separate and discrete subjects, STEM integrates them into a cohesive learning paradigm based on real-world applications. A STEM course, however, is not an add-on math, science, or technology course. The goal of STEM is to foster a learning environment in which students are guided to produce original ideas, objects, and structures according to certain specifications using concepts and skills from math, science, and technology. Courses may be used to fulfill CTE requirements for graduation.

INTRO TO ENGINEERING DESIGN

[THS Intro to Engineering Design](#)

IED 746 & 747

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and an engineering notebook to document their work.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 – 12

Prerequisite(s): None

COMMUNITY DESIGN AND ARCHITECTURE

IED 646 & 647

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE

Grade level: 9 – 12

Prerequisite(s): None

DESIGN SOLUTIONS (PRE-ENGINEERING) **2 for 1**

[Designing Solutions](#)

IED 650 & 651

Designing Solutions is a foundational course in which the students will craft solutions to real-life problems using engineering and science concepts while working with other students. Topics to be covered include alternative energy production, destructive and non-destructive material testing, designing simple machines, using robots, self-propelled vehicles, and projectile motion.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 9 – 11

Prerequisite(s): Integrated I

APPLIED INTEGRATED MATH I *2 for 1*

MAT 236 & 237

This course focuses on the application of mathematics and statistics to the solution of functional problems in fields such as engineering and the applied sciences. The course includes practical application of mathematical concepts such as solving simple equations and inequalities, linear equations, systems of equations, functions, exponents, probability, quadratics, and factoring.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Integrated Math I/Algebra 1

Grade level: 9 – 11

Prerequisite: None

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ENGLISH

language arts

ENGLISH 9

ENG 101 & 102

Freshman English is a year-long language arts course. Students study theme-based literary units, develop speaking and listening skills, practice different modes of composition, and are introduced to the MLA style research paper and grammar studies.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9

Prerequisite(s): None

ENGLISH 9 HONORS

ENG 180 & 181

The reading, writing, and speaking activities in Freshman Honors English provide the foundations for future studies in Honors/AP English. Students will practice writing formal essays in various modes, read and write about classic literature, closely examine literary allusions, practice research and presentation skills, and study grammar and vocabulary. Note: Summer Homework will be assigned.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9

Prerequisite(s): None

ENGLISH 10

ENG 200 & 201

Sophomore English will reinforce and build upon skills learned in Freshman English. This year-long course will strengthen analytical and creative writing skills, oral communication and reading comprehension through a variety of genres.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10

Prerequisite(s): None

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ENGLISH 10 HONORS

ENG 280 & 281

The reading, writing, and speaking activities in Sophomore Honors English continue to build the foundation of knowledge and skills for future AP English courses. Students will read and analyze a variety of genres of classic, contemporary, and multicultural literature, expand their writing and speaking skills, study grammar and vocabulary, and conduct research.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10

Prerequisite(s): Summer homework assignment

ENGLISH 11

ENG 300 & 301

Junior English is a year-long language arts course with an emphasis on American Literature. Students will explore writings of Americans ranging from Puritan journals to contemporary novels and plays. The year culminates with a junior project that includes a research paper and presentations.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11

Prerequisite(s): None

ENGLISH 101 CC

ENG 384 & 385

English 101 is a College in the High School course that develops writing skills by focusing on strategies and techniques writers use to convey ideas, evaluate information, make a point, and participate in multiple discourse communities. English 101 is the first course in college-level composition requirements. Upon successful completion of the class, students who earn a C or higher will receive 5 credits at South Puget Sound Community College. Students must have passed the SBA with a 3 or a 4 or take and pass the SPSCC placement test in order to be eligible for college credit.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11 – 12

Prerequisite(s): Students must have passed the SBA with a 3 or a 4 or take and pass the SPSCC placement test to be eligible for college credit.

AP ENGLISH LANGUAGE AND COMPOSITION CC

ENG 390 & 391

This college-level course focuses on rhetoric and composition in preparation for the College Board's examination in AP English Language and Composition. There is an emphasis on close-reading skills as we read a variety of literary and nonliterary texts. Students will learn to examine how authors develop meaning through style. Special emphasis will be given to the analysis of tone. Writers and works include Maya Angelou, Annie Dillard, David Sedaris, Machiavelli, and a host of classical and contemporary authors. Students are expected to take the AP exam in May. Scholarships are available for eligible students.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11

Prerequisite(s): None

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ENGLISH 12

ENG 440 & 441

This course focuses on college and career readiness through writing, research, and world literature. The theme of “This I Believe” allows for reflection and discussion in this year-long class.

Class length: 1 year

Credits: 1.0 credit

Grade level: 12

Prerequisite(s): None

ENGLISH 111/AP ENGLISH LITERATURE AND COMPOSITION CC

ENG 490 & 491

The course is designed to prepare advanced-level students for collegiate studies. The course focuses on literature and composition and follows the recommended AP curriculum. Students should anticipate regular reading and writing homework assignments, and students are expected to take the AP exam given in May. Scholarships are available for eligible students.

Class length: 1 year

Credits: 1.0 credit

Grade level: 12

Prerequisite(s): None

JOURNALISM

ENG 601 & 602

In this year-long course, students will learn about journalistic writing, interviewing techniques, and press ethics. Students in this course learn professional journalism methods and are responsible for the publication of the T-Bird Talon student magazine. *Application is required*

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

ENGLISH LANGUAGE LEARNERS

The English Language Learner (ELL) program is dedicated to building capacity at the district, school and classroom levels to ensure that ELL students develop English language proficiency and content knowledge in an environment where linguistic and cultural assets are recognized as valuable resources for learning. The high school ELL program is built around the needs of the students. Because of this, it is important to assess the individual population of students and offer classes in alignment with their academic, social, emotional, and cultural needs.

ELL ENGLISH 1 & 2

ELL 600 & 601

This course builds upon students’ prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing. It focuses on the four aspects of language use: reading, writing, speaking, and listening. Through the study of various genres of literature, students can improve their reading and comprehension skills.

Class length: 1 year (may be repeated for four years)

Credits: 1.0 English credit

Grade level: 9, 10, 11, 12

Prerequisite(s): ML Eligibility

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ELL Language Development 1 & 2

ELL 613 & 614

The English Language Development class will help students with English acquisition in listening, speaking, reading, and writing. This class also supports students in their content area courses.

Class length: 1 year (may be repeated for four years)

Credits: 1.0 English credit

Grade level: 9, 10, 11, 12

Prerequisite(s): ML Eligibility

MATHEMATICS

The Tumwater School District offers courses from Integrated 1 through Advanced Placement Calculus including many applied options with Equivalency Credits. The fundamental purpose of high school mathematics is to provide a core curriculum that is attainable by all students. This curriculum provides an approach whereby students can build on what they are able to do while preparing students for their career pathway. Through application and problem-solving, the curriculum provides opportunities for all students to not only strengthen basic skills, but confront more interesting and relevant mathematics, and to be better prepared for the world of today and tomorrow.

Though levels of computational proficiency are expected of all students, no student will be denied access to the study of mathematics in grades 9–12 because of lack of any computational skills. Opportunities for intervention and support are available at every level. The following courses are intended to meet the above outcomes and help students become confident lifelong learners.

INTEGRATED MATH 1

MAT 130 & 131

Integrated Math I is the first of three high school-level courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course formalizes and extends the mathematics that students learned in middle school. This course includes much of the content of an Algebra I course as well as geometry and statistics.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): None

APPLIED INTEGRATED MATH I *2 for 1*

MAT 236 & 237

This course focuses on the application of mathematics and statistics to the solution of functional problems in fields such as engineering and the applied sciences. The course includes practical application of mathematical concepts such as solving simple equations and inequalities, linear equations, systems of equations, functions, exponents, probability, quadratics, and factoring.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Integrated Math I/Algebra 1

Grade level: 9 – 11

Prerequisite: None

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INTEGRATED MATH 2

MAT 132 & 133

Integrated Math II is the second of three high school-level courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. This course focuses on quadratic expressions, equations, and functions while comparing their characteristics and behavior to those of linear and exponential relationships as encountered in Integrated Math I.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): *Integrated Math I or equivalent*

INTEGRATED MATH 3

MAT 134 & 135

Integrated Math III is the third of three high school-level courses that integrate algebra, geometry, trigonometry, and statistics under the Common Core State Standards. The course extends the mathematics students learned in Integrated Math II. Students expand their repertoire of functions to include polynomial, rational, radical and trigonometric functions. The course expands the study of right-triangle trigonometry to include general triangles. They bring together statistical data, functions, and geometry to create models and solve contextual problems.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): *Integrated Math II or equivalent*

ACCELERATED INTEGRATED 3

MAT 144 & 145

This class covers the material of both Integrated III and Pre-Calculus and prepares students for success in calculus and other college level math courses. In addition to a review and expansion of algebra skills, it adds high-level analytic skills and information about advanced mathematical concepts such as function analysis, exponential and logarithmic functions, trigonometry, conic sections, rational functions, and sequences. The class will move at a rapid pace through this material and students will be expected to demonstrate a high level of ability and work ethic.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): *Integrated Math II*

MATH 141 & 142/PRE-CALCULUS **CC**

MAT 600 & 601

This is an intensive study of the concepts needed to succeed in calculus and other college-level mathematics. Areas of study include a review of advanced algebra techniques, conic sections, a thorough study of trigonometry, as well as many other advanced topics. This is a rigorous college prep course. **Please note:** This course is also available for college credit through South Puget Sound Community College. See instructor for details.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): *Integrated Math III*

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MATH107 MATH IN SOCIETY/MATH 146 STATISTICS CC

MAT 680 & 681

During the first semester, Math In Society, students will explore a variety of mathematical topics presenting mathematics as a form of art and as a tool for understanding the world around us. Specific topics may be drawn from geometry, number theory, set theory, and the history of mathematics. During the second semester, Statistics, students will be introduced to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: data exploration, survey planning, probability, and statistical inference.

Please note: This course is also available for college credit through SPSCC. See instructor for details.

Class length: 1 year

Credits: 1.0 credit

Credit type: 3rd-Year Math

Prerequisite(s): Successful completion of Integrated Math II or equivalent

MATH 151 & 152/AP CALCULUS CC

MAT 691 & 692

This course prepares students to take the AP calculus exam by covering the concepts and applications of limits, derivatives, and integrals. Because the AP syllabus is followed, this course is very rigorous and allows students to acquire the necessary skills to take the AP exam for possible college-level credit. **Please note:** This course is also available for college credit through Spscc. See instructor for details.

Class length: 1 year

Credits: 1.0 credit

Prerequisite(s): Pre-Calculus

BRIDGE TO COLLEGE MATH

MAT 901 & 902

For seniors who score in a Level 2 on the Smarter Balanced 11th grade assessment and are successful in this course (B or better), the Bridge to College Mathematics course offers guaranteed placement into a college-level course when entering college directly after high school. Bridge to College Mathematics is a yearlong course focusing on the key mathematics readiness standards from Washington State's K-12 Learning Standards for Mathematics (the Common Core State Standards, CCS-M) as well as the eight Standards for Mathematical Practices. The course is designed to prepare students for entrance into introductory college level mathematics courses. The course addresses key learning standards for high school including Algebra I, statistics, geometry and Algebra II standards essential for college- and career-readiness. Topics include building and interpreting functions (linear, quadratic and exponential), writing, solving and reasoning with equations and inequalities, and summarizing, representing, and interpreting data. The course is designed to focus on building conceptual understanding, reasoning and mathematical skills and provides students engaging mathematics that builds flexible thinking and a growth mindset.

Class length: 1 year

Credits: 1.0 credit

Grade level: 12

Prerequisite(s): Senior standing

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TECHNICAL DRAWING *2 for 1*

IED 601 & 602

Designed to help students learn to visualize in three

dimension, develop and strengthen their technical imagination, think and draw precisely, read and write the language of industries.

First semester will cover:

- A. Understanding the basic tools, freehand sketching, lettering, types of lines, and shape description.
- B. Background in drawing basics.
- C. Geometric construction and basic design concepts.
- D. Career awareness of opportunities available to drafting technology students.
- E. Students learn the art of pictorial drawing, drawing in perspective, cabinet oblique, isometric drawings and orthographic projection.
- F. Students are introduced to basic section drawings.

Second semester will cover:

- Introduction to AutoCAD (computer aided drafting and design).
- Large format printing.
- Students will work with developments-advanced 3D projection.
- Career awareness of opportunities available to drafting technology students.
- Full, half, offset, revolved and broken-out sections.
- Auxiliary views and projections.
- Scale drawings, architectural layout for floor plans and elevations.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, 3rd-Year Math

Grade level: 9 – 12

PERSONAL FINANCE *2 for 1*

BUS 620 & 621

First semester units include checking accounts, savings accounts, gross income, net income, cash purchases of merchandise including sales tax, rebates, coupons, and markdowns. Also, charge accounts and credit card interest rates along with loans and automobile costs will be introduced. Second semester units include housing costs, insurance, investments, budgeting, record-keeping and calculations that a personnel department of a business would be concerned with. Also production and purchasing costs of a business along with sales and marketing costs will be introduced. EXCEL will be used extensively in this class. No prior experience is needed in EXCEL. Career Ready skills are emphasized in this class.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, 3rd-Year Math

Grade level: 11 – 12

Prerequisite(s): None

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HEALTH

and physical education

HEALTH

PEH 100 & 101

This semester class is designed to give students the skills to make healthy decisions throughout their lives. It includes wellness and emotional health; human sexuality; nutrition and eating disorders; sexual harassment, peer mediation and conflict resolution; alcohol and tobacco information.

Class length: *1 semester*

Credits: *0.5 credits*

Prerequisite(s): *None*

SPORTS AND FITNESS

PEH 301 & 302

If you are looking for a class to balance your love and interest in getting fit while also enjoying cooperative competition with lifetime sports, this is the perfect class for you. The class will spend the week training every other day and while your body recuperates, you will spend your rest days on a sport or game. Weight training, running, speed and agility work, plyometric training, spinning, and flexibility activities will be just a few examples of your fitness regime while basketball, speedball, tennis, soccer, badminton, Pickleball, football activities, Ultimate, volleyball, and other sports just to name a few examples of the games you will enjoy. Note: All students are required to wear THS PE t-shirt, appropriate shorts, sweats, or leggings and athletic shoes.

Class length: *1 year*

Credits: *1.0 credit*

Grade level: *9 - 12*

Prerequisite(s): *None*

SUCCESS ORIENTED PE (SOPE)

PEH 502 & 503

This is a PE class for students in the Life Skills program and an opportunity for other students to earn a PE credit for their participation in PE activities with Students from the Life Skills program. The class is an elective for student mentors. The class is worth .5 PE credit per semester with passing grades. Student mentors that show they work well with students with special needs are responsible, dependable, and encouraging.

Class length: *1 year*

Credits: *1.0 credit*

Grade level: *9 - 12 for Life Skills students*

Prerequisite(s): *Student mentors must have previously taken PE and must be in grades 10 - 12*

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STRENGTH TRAINING

PEH 619 & 620

Students will follow a structured program designed to improve and enhance athletic performance, strength, power, agility, coordination, flexibility, speed, reaction time, balance, neuromuscular patterns and endurance. Note: All students are required to wear THS t-shirt, appropriate shorts, sweats, or leggings and athletic shoes.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12 (THS)

Prerequisite(s): None

ADVANCED STRENGTH AND CONDITIONING

PEH 622 & 623

Students who would like to advance their fitness levels through a rigorous course of training. This course is designed for students with prior experience in weight training (see prerequisite). Note: All students are required to wear THS t-shirt, appropriate shorts, sweats, or leggings and athletic shoes.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 – 12

Prerequisite(s): Completion of Strength Training

PILATES/YOGA

PEH 643 & 644

For all fitness levels. Modifications given to address a variety of fitness levels. This class will include yoga, pilates, and walking as the main fitness component. Students will gain improvements in flexibility and strength, balance and posture, stress reduction and increased energy, and overall fitness. All students are required to wear appropriate yoga workout attire (leggings, sweats, workout shirts/sweatshirts) and will need to have their own yoga mat. Appropriate athletic footwear when walking is also required.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): None

TBIRD FITNESS

PEH 645 & 646

For all fitness levels. This fitness class will improve your cardiovascular endurance, muscular strength, and endurance and flexibility! We will use a variety of fitness equipment: spin bikes, body pump, yoga balls, free weights and kettlebells, TRX, resistance bands and tubes, and yoga mats. Experience the latest workouts that are available in the community or at home. Learn how to safely participate in fitness activities, no matter where you work out, and to modify moves as necessary. This class will promote lifelong fitness. Note: All students are required to wear THS t-shirt, appropriate shorts, sweats, or leggings and athletic shoes.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): None

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SPORTS OFFICIATING I/II

PEH 647 & 648

Officiating course that provides students with the knowledge, skills, and abilities to serve as a referee, umpire, judge, or other official for a sports contest, emphasizing rule interpretation and the proper mechanics of officiating.

Class length: *1 semester (can take individual semesters)*

Credits: *.5 credit*

Grade level: *10 – 12*

Prerequisite(s): *None*

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SCIENCE

PHYSICAL SCIENCE

SCI 101 & 102

Physical Science is a course that will give ninth grade students a general background in physical science concepts and introduce skills to help them be successful in other science courses. Labs activities and class discussion will allow students to understand science concepts in an applied context.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9

Prerequisite(s): None

ACCELERATED BIOLOGY

SCI 202 & 203

Accelerated Biology is a lab-based, NGSS course that explores core biological concepts from a phenomena-based approach. Students will explore various real-world phenomena contextualized into a “storyline” to uncover the Disciplinary Core Ideas in science. This course will place a high priority on developing science practices including Questioning, Modeling, Analyzing, and Calculating. Students will build a foundation for success in college-level courses and other advanced science courses. Accelerated Biology surveys biology in greater breadth and depth than a general biology course; consequently, the pace is more rapid.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 – 12

Prerequisite(s): None

CHEMISTRY 121 **CC**

SCI 380 & 381

This class introduces fundamentals of chemistry for those interested in nursing/allied health related fields. Study of classification composition, calculations, and properties (both chemical and physical) of matter at the macroscopic, atomic and subatomic levels. Includes measurements and conversions, atomic structure, chemical bonding, chemical reactions, molar stoichiometry, and acid/base chemistry. **Students may earn 5 credits through SPSCC**

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 – 12

Prerequisite(s): Integrated I to take Course without college credit. To receive college credit students must have passed Integrated III (Algebra 2) with a B or better, the SBA with a 3 or a 4, or take and pass the SPSCC placement test.

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CHEMISTRY

SCI 300 & 301

This introductory course will concentrate on the properties of matter, and the laws, principles and theories which describe these changes. Some specific areas covered are classification of matter, chemical formulas and equations, mathematics of chemistry, structure of the atom, electron configuration, periodic table, gas laws, and solutions.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 – 12

Prerequisite(s): Integrated I

PHYSICS

SCI 400 & 401

Study of light, motion, vectors, forces, energy and electricity. A principal goal is the development of theories that explain the nature of light, matter, and radiation. Math is used constantly as a tool of expression.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11 – 12

Prerequisite(s): Concurrent enrollment in Integrated Math III or instructor's permission.

BIOLOGY 175/HUMAN ANATOMY 2 for 1 CC

[THS Anatomy & Physiology](#)

SCI 621 & 622

Human Anatomy is the study of structures and functions within the human body. This course is designed to prepare students for advanced biology classes and science-based careers. Class activities include lecture, lab activities, dissections, and the Manikin day body system. Topics covered will include the basic organization of the body and major body systems along with the impact of diseases on certain systems. Enrich your learning and leadership through participation in HOSA, a student leadership organization for future health professionals.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): Principles of Biomedical Science, Accelerated Biology, or equivalent course.

NATURAL RESOURCES & ECOLOGY 2 for 1

[Natural Resources & Ecology](#)

SCI 628 & 629

This course provides students a variety of experiences in the fields of natural resources and ecology. Students will research and explore using hands-on projects and activities while studying topics such as animals and plants, land use, water quality, stewardship, and environmental agencies. This course will also study the natural world including biomes, land, air, water, energy, use, and care, as well as a focus on issues surrounding human interaction with earth.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Biology, Lab Science

Grade level: 10 – 12

Prerequisite(s): None

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PRINCIPLES OF BIOMEDICAL SCIENCE 2 for 1

SCI 632 & 633

This is the introductory course of the Health Sciences Pathway. This course serves to expose students to the vast range of careers in biomedical sciences, including the fields of biology, anatomy and physiology, genetics, microbiology, and epidemiology. Students will explore and apply these concepts to real-world situations, cases, and problems. Topics covered include forensic science and medical investigations, medical professionals and family care clinics, and the work of public health officials and emergency responders.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): None

INTRO TO AGRICULTURE, FOOD AND NATURAL RESOURCES 2 for 1

SCI 636 & 637

This class is a comprehensive course covering the broad field of agriculture including career planning and expectations, agricultural industry and its global importance, agriculture leadership organizations (FFA), agriculture research, food and fiber production, animal and plant science, environmental science, and basic mechanical skills. This course serves as an introductory course and is structured to enable students to experience an overview of the fields of agricultural science and natural resources so that students may continue into future courses.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 9 – 10

Prerequisite(s): None

MEDICAL INTERVENTIONS 2 for 1

[Medical Interventions](#)

SCI 638 & 639

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection: screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): Principles of Biomedical Science or Accelerated Biology

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NUTRITION 101 2 for 1 CC

Nutrition Science

SCI 642 & 643

Nutrition Science provides an exploration of nutrition (the study of how food nourishes the body) while acknowledging its grounding in science. The course includes an introduction to the role of nutrition in health, focusing on essential nutrients, human anatomy related to nutrition, energy balance, the body's response to physical activity, the role of different ingredients in food preparation, genetic modification of foods, factors that affect eating habits, nutrition advertising, nutrition and disease, establishing a healthy lifestyle and more.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 10 – 12

Prerequisite(s): None

AP BIOLOGY CC

SCI 690 & 691

This full-year college-level biology course prepares students to take the Advanced Placement Biology exam offered by the College Board in May. The course covers molecular and cell biology, genetics and evolution, and the biology of organisms and populations. Students are required to take and pass the AP Biology test with a 3 or better in order to receive college credit. Students are encouraged to check with their colleges of interest for specific college credit criteria.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 – 12

Prerequisite(s): Biology or equivalent course and Chemistry

DESIGNING SOLUTIONS (PRE-ENGINEERING) 2 for 1

Designing Solutions

IED 650 & 651

Designing Solutions is a foundational course in which the students will craft solutions to real-life problems using engineering and science concepts while working with other students. Topics to be covered include alternative energy production, destructive and non-destructive material testing, designing simple machines, using robots, self-propelled vehicles, and projectile motion.

Class length: 1 year

Credits: 1.0 credit

Credit type: CTE, Lab Science

Grade level: 9 – 11

Prerequisite(s): Integrated I

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SOCIAL STUDIES

WORLD HISTORY

SOC 200 & 201

This course will familiarize students with Social Sciences. Emphasis will be placed on the skills necessary for successful completion of future social studies classes. Such skills include: reading for comprehension, critical thinking, and basic writing. After a review of major themes in world history students will focus primarily on major concepts between the 1400s and the 1800s. Topics will include renaissance, reformation, world empires, revolutions and nation building. Course content will also include world geography, understanding world perspectives, and making the connection on why events of the past matter in their own life today. Students will focus on major concepts happening between the 19th to the 21st century. Content covered this semester include imperialism, the first world war, the second world war, cold war, and issues relating to the modern world. This course is designed to help students successfully transition into their junior level US History course.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10

Prerequisite(s): None

AP WORLD HISTORY CC

SOC 290 & 291

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and appropriate analytical skills. The course highlights the causes and consequences, as well as comparisons among major societies around the world throughout history.

This class prepares students for Advanced Placement testing in May.

Class fee: AP Exam fee may apply

Class length: 1 year

Credits: 1.0 credit

Grade level: 10

Prerequisite(s): None

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US HISTORY

SOC 301 & 302

This is a year-long course which meets all junior Social Studies requirements and will cover major events, themes, and issues of U.S. history from “European Discovery” until the Civil War, from the Civil War until World War II, and from Post-WWII to the present.

First Semester: This course will cover major events, themes, and issues of U.S. history from pre-Civil War to 1918.

Second Semester: This course will cover major events, themes, and issues of U.S. history from 1918 to present.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11

Prerequisite(s): None

AP US HISTORY CC

SOC 390 & 391

Advanced Placement United States History provides an accelerated, demanding, and fascinating introduction to our history & culture. The course requirements assume a high level of interest, competence, commitment, and responsibility. The exam requires students to apply historical thinking skills and knowledge of content as they respond, in writing to short-answer, document-based, and long essay questions. Multiple-choice questions ask students to use their knowledge of content to analyze and interpret primary and secondary sources. Students are expected to complete a summer assignment, sit for the exam in May, as well as take a full-length practice exam on a Saturday in April.

Class fee: AP Exam fee may apply

Class length: 1 year

Credits: 1.0 credit

Grade level: 11

Prerequisite(s): None

US HISTORY 147 and 148 CC

SOC 392 & 393

The first semester covers the political, social, and cultural history of the United States from the Texas revolution through World War I and the rise of the U.S. as a world power. The second semester covers the political, social, and cultural history of the United States from 1920 to the present. Sections include the turbulent years of the 1920s, the Great Depression of the 1930s, WWII, the Cold War Struggles of Korea and Vietnam, and current US involvement in the Middle East.

Please note: This course is offered for college credit through South Puget Sound Community College.

Class length: 1 year

Credits: 1.0 credit

Grade level: 11

Prerequisite(s): None

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CIVICS

SOC 402

This is a senior requirement for graduation. Students will explore the American political scene by examining elements of our system of government such as: theories of government and democracy, the U.S. constitution and founding documents, civil and human rights, representative and direct participation. Students will explore the political spectrum in America through social and economic contexts. Students will learn how and why the federal, state and local government work and their impact on our lives. Special emphasis will be given to the importance of local and grassroots democratic systems and civic participation through the investigation of local landscape and geography.

Class length: 1 semester

Credits: 0.5 credits

Grade level: 12

Prerequisite(s): None

CONTEMPORARY WORLD PROBLEMS

SOC 403

Contemporary World Issues courses enable students to study political, economic, and social issues facing the world. These courses may focus on current issues, examine selected issues throughout the 20th century, and look at historical causes or possible solutions.

Class length: 1 semester

Credits: 0.5 credit

Grade level: 12

Prerequisite(s): None

PSYCHOLOGY/SOCIOLOGY

SOC 406

This survey class is an integrated study of psychology and sociology. Psychology is the scientific study of human behavior. While focusing on the individual, students will learn about identity formation, motivation, emotion, perception, thinking, learning and intelligence. Topics will include functions of the central nervous system, behavior, conditioning, personality theories and abnormal psychology and careers in counseling and clinical psychology. Sociology is the study of social groups, institutions, and interactions. This course will ask why we do what we do, and how the group influences our actions and reactions. In answering these questions, students will learn about culture, class systems, group behavior and interaction. Topics will include family structure, cliques, social customs, ethnicity and social movements. Participation, attendance and effort are critical parts of this class. Writing and reading from a variety of sources will be central to our efforts. Term paper(s) will be required as well as projects and presentations.

Class length: 1 semester

Credits: 0.5 credits

Grade level: 12

Prerequisite(s): None

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AP US GOVERNMENT & POLITICS CC

SOC 491 & 492

This yearlong class is designed to prepare college-bound seniors for the AP exam in U.S. Government & Politics. Students may receive college credit based on their exam score. The course will provide a survey of Political Science and the American political and governmental systems. Students with interests or career goals that involve the social sciences, history, economics, law, or public service are especially encouraged to enroll. Critical reasoning skills will be developed through college-level readings, essay writing, and in-seminars. This class satisfies the senior year Social Studies graduation requirement.

CBA: *U.S. Foreign Policy*

Class fee: *AP Exam fee may apply*

Class length: *1 year*

Credits: *1.0 credit*

Grade level: *12*

Prerequisite(s): *Completion of summer assignment*

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world LANGUAGES

Many colleges and universities require at least 2 years of high school world language for admission and degree requirements. College-bound students should plan on taking a particular language for at least 2 consecutive years. On your language-learning journey, we wish you: ¡Muy buena suerte! Viel Erfolg!

ASL I

WLA 670 & 671

Students will develop an appreciation for American Sign Language as a living, unique, naturally occurring language and recognize the richness of the Deaf community's cultural traditions and values. Students will study Deaf history and culture and will acquire basic ASL skills through exposure to and practice of signed vocabulary, the grammar and syntax of ASL, the manual alphabet, numbering systems, and conversational phrases.

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 – 11

Prerequisite(s): None

ASL 2

WLA 672 & 673

Students will be further immersed in American Sign Language by reviewing vocabulary and concepts learned in ASL 1 through storytelling, exposure to native signers and Deaf literature. New vocabulary and linguistic concepts will be added at a quick pace and much of the year will be completely “voice off”. Students will begin to explore interpreting and other careers related to signed language and Deafness, as well as vocabulary associated with their specific career and life interests. This class will emphasize communication as a human right and our role in increasing equal access to information for the Deaf Community.

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 – 12

Prerequisite(s): Successful completion of ASL I.

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ASL 3

WLA 674 & 675

American Sign Language III will prepare students to communicate authentically in ASL by interpreting (reading/viewing) exchanging (signing and reading), and presenting (signing).

Class length: 1 year

Credits: 1.0 credit

Credit Type: CTE, WLA

Grade level: 9 – 12

Prerequisite(s): Successful completion of ASL II.

SPANISH 1

WLA 641 & 642

First-year Spanish is designed to provide an introduction to the language and culture of the Spanish-speaking world. The course incorporates the four language skills of speaking, comprehension, reading, and writing by integrating short stories, songs, and current events into the curriculum. This course emphasizes conversational skills.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 11

Prerequisite(s): None

SPANISH 2

WLA 643 & 644

Second-year Spanish is designed to continue the study of the Spanish language and the culture of the Spanish-speaking people with a stronger emphasis on conversation and composition skills.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): Successful completion of Spanish I.

SPANISH 3

WLA 645 & 646

Spanish 3 reviews the basic vocabulary and grammar from Spanish 2 and incorporates the four language skills of reading, writing, speaking and comprehension by integrating information on literature, art, history, music, and current events into the curriculum. The focus will be on developing conversational fluency, proficient use of vocabulary and advanced grammatical structure. There will be outside reading, cultural projects and other opportunities for language acquisition.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): Successful completion of Spanish II.

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student SUPPORT

Classes are offered to students who, through formal assessment measures, demonstrate an exceptional need for specially designed and individualized instruction. Parents, educators, and the student meet to review the assessment results and then select appropriate goals and objectives. This is called the Individual Educational Plan, or IEP. Some of the following courses may then be scheduled to provide specialized instruction designed to meet those objectives. To enhance individual effectiveness, the materials and objectives worked on within any course may vary between students or between semesters. These courses may be repeated for credit.

GENERAL ENGLISH I, 2, 3

ENG 504 & 505, ENG 506 & 507, ENG 508 & 509

English Skills is designed to help students increase their reading and writing skills. Activities will include, but not be limited to journaling, paragraph development and essay writing, reading and responding to a variety of text (novels, articles, poetry, etc.), and as needed, specific instruction to increase fluency and comprehension.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

PERSONAL & CAREER DEVELOPMENT

ENG 519 & 520

The purpose of this course is to help students explore their personal career path, learn skills associated with teamwork, job readiness and personal presentation to prospective employers and prepare for the senior presentation. Students will learn how to dress and communicate on the job as well as manage personal finances and personal responsibilities. The class objectives are tailored to the needs of each group of students who take this course. Other objectives related to student interest and needs in the area of Personal and Career Development will be developed and taught. This course may be suitable for Senior English Credit with prior approval.

Class length: 1 year

Credits: 1.0 credit

Grade level: 12

Prerequisite(s): GQP Referral Process

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LEARNING STRATEGIES

MSC 500 & 501

This course is designed to provide instruction and support for students to be successful in academic classes at the high school level. Instructional areas will be in time management, organization of class papers, assignments and projects, communication skills, and goal setting. Support for students' academic classes is provided through one-on-one assistance with certified teaching staff, educational assistants, and peer tutors.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

MATH

MAT 506 & 507

Math Fundamentals is a class designed to help students be successful with Math Skills which are used in everyday life. The intention is to create an environment where students are challenged with real life scenarios. Students are given a chance to work in groups and problem solve together. The class targets specific skills which include, but are not limited to: Earning money, managing a household, budgeting your money, banking and investing, paying taxes and preparing for future careers and/or college.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

TRANSITIONAL MATH I

MAT 510 & 511

Transition Math I is a course designed to teach number sense and prepare students for TransMath II. TransMath I is a comprehensive math intervention that provides key foundational skill-building and problem-solving experiences by targeting instruction with fewer topics that are taught in greater depth. Some of the activities will include, but not be limited to, the following concepts: place value, whole numbers, operations, factors, multiples, estimations, fractions, multi-step problems, mean, median, and range, and measurement.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

TRANSITIONAL MATH 2

MAT 512 & 513

Transition Math II is a course designed to teach the concepts of Rational Numbers and prepare students for TransMath III. TransMath II is a comprehensive math intervention that provides key foundational skill-building and problem-solving experiences by targeting instruction with fewer topics that are taught in greater depth. Some of the activities will include, but not be limited to, the following concepts: Review of whole numbers and fractions, multiplication and division of fractions, working with data and statistics, decimal numbers, percentages, exponents, negative numbers, two-dimensional geometry, probability, and estimation.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

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TRANSITIONAL MATH 3

MAT 514 & 515

Transition Math III is a course designed to teach/reteach skills necessary for students to be successful in Algebra. Trans Math III is a comprehensive math intervention that provides key foundational skill-building and problem-solving experiences by targeting instruction with fewer topics that are taught in greater depth. Some of the units will include working with fractions and decimals, statistics, and variables. Students will also learn how to use ratios and proportions, and will graph inequalities. Additionally, students will evaluate algebraic patterns and expressions, while learning algebraic rules and properties.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 – 12

Prerequisite(s): GQP Referral Process

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LEADERSHIP

and support

ADVANCED LEADERSHIP

MSC 601 & 602

Advanced leadership is a class that focuses on school improvement, school climate and student recognition activities. We also do community activities as well as recognize staff. Students must be creative, self motivated and willing to work in teams. An application is required. This course is designed to instruct students in various methods and techniques involved in planning, organizing, implementing, and evaluating community and school-related activities. The BHHS leadership class is comprehensive in nature. Topics include but are not limited to the following: incorporation of varied decision making strategies, public speaking enhancement, group dynamics, problem solving enrichment, and reinforcement of organizational skills. Individual and small group projects as well as committee participation is an integral part of this course. This course may be retaken for credit.

Class length: 1 year

Credits: 1.0 credit

Grade level: 9 - 12

Prerequisite(s): *Instructor's permission*

RENAISSANCE

MSC 603 & 604

Renaissance® is a course focused on student and staff recognition and reward, student involvement, community service, and leadership through example. Our daily activities are all aligned with our overall goal: to make THS an amazing high school. Students enrolled in this course embody the characteristics of the THS Renaissance model; kindness, diligence, selflessness, and integrity.

Class length: 1 year

Credits: 1.0 credit

Grade level: 10 - 12

Prerequisite(s): *None*

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PEER MENTOR

MSC 605 & 606

Peer tutors provide daily tutorial assistance to students who need help with course content, tests, note taking or other services. Peer tutor responsibilities include:

- Providing one-to-one or small group assistance to students who need help with coursework
- Helping students get started with the day's activities
- Clarifying directions
- Monitoring student progress
- Administering tests
- Assisting with library research
- Note-taking
- Reading or recording written material
- Assisting students with organizational skills
- Other duties as assigned by the teacher

Please note: Students can take no more than one peer tutor or teacher/office assistant course per semester.

Class length: *1 semester*

Credits: *0.5 credits*

Grade level: *11 – 12*

Prerequisite(s): *Instructor and Counselor permission. Peer tutors must have passed the class (or a comparable class) in which they tutor with at least a B.*

CASCADIA

High School



A SCHOOL WHERE THERE ARE MANY PATHS TO GRADUATION.

Traditional pathways to course completion and graduation aren't the right option for everyone. Cascadia High School offers an alternative high school experience for students that need flexible learning opportunities. Read some of our frequently asked questions below to discover if learning at Cascadia is part of your path.

How is Cascadia unique?

Learning is accomplished through a combination of class activities and independent work. Students are given the responsibility to arrange their schedules outside of class time and to document their progress within the required standards. Credit is based on productivity and mastery of subjects, consistent with the state-adopted "Essential Learnings." Class time is limited, which means:

- Students have more flexible schedules
- Students, staff, and parents can work together to create a personalized program
- Students can earn credit based on their level of effort
- Students can gain a greater sense of connection to their community and environment
- Students are held to high standards and expectations and provided the resources to meet them

Why do students want to attend Cascadia?

Every student's reason for seeking out an alternative learning environment is different. You might consider Cascadia if you would benefit from:

- A smaller learning environment with one-on-one support from teachers
- Blended, online, remote, and experiential learning opportunities
- A class schedule that helps you balance work, life, and school
- Credit retrieval opportunities

What is expected of Cascadia students?

Just like students at Tumwater and Black Hills, Cascadia students are expected to attend school regularly and complete all assigned work on time. To remain eligible to attend Cascadia, students must earn satisfactory ratings each month and follow all rules outlined in the Behavior Guidelines Contract.

Can students participate in extracurriculars?

Yes. Students who wish to participate in sports or activities will need to arrange their Learning Contract to accommodate the times and dates of these activities.
Students will need to meet WIAA requirements.

Can students earn a high school diploma?

Yes! Students who meet graduation requirements are eligible to receive a high school diploma. We're also here to help you meet your daily living needs, improve your self-esteem, meet goals, strengthen your academic and interpersonal skills, and plan for your career.

What do classes look like at Cascadia?

Cascadia blends traditional class activities with flexible opportunities to meet every student's needs. Some learning opportunities include:

- Self-paced academic contracts and projects
- Teacher-directed small groups and classes
- Online or computer-aided learning
- Community service learning and internships
- Courses at Tumwater Schools or college-level courses

How can students apply to attend Cascadia?

1. Pick up an application or visit our website.
2. Obtain all necessary documents from home high school (transcripts and other cumulative files). Some home high schools will not release official documents if a student has fines.
3. Once an application is complete, call Debbie Center at 709-7761 to schedule an appointment with the Head Instructor.

Can students who need special education services attend Cascadia?

Special Education and related services are available to Cascadia High School students. Cascadia High School does not discriminate in its education and employment programs on the basis of religion; age; race; color; national origin; gender; marital or parental status and disability and complies with Title VI of the Civil Rights Act of 1964, Title IX Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990.

Inquiries regarding Title VI, Title IX, 504 and ADA may be made to the Affirmative Action Officer at the Tumwater School District Office at 621 Linwood AVE SW, Tumwater, WA.

CONTACT US

School Office 360-709-7760

Office Hours 7:30 a.m. – 4:00 p.m.

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NEWMARKET

SKILLS CENTER

HIGH SCHOOL WITH A PURPOSE.

Why New Market Skills Center?

Do you have a career in mind, but aren't sure where to start? What if you could begin training for your dream job right now, while still in high school? New Market Skills Center is a place to build career-connected skills while earning high school credit and even college credit for free! New Market partners with your school to connect you with a career pathway and a plan that makes graduation meaningful. This might be the opportunity you've been waiting for!

New Market Skills Center focuses on hands-on learning combined with academic curriculum taught by industry professionals. Each course is tailored to give students the necessary leadership and employability skills to continue their education, enter an apprenticeship program or go directly into the workforce.

Course Hours

Students attend half of their day at the sending high school and half of their day at NMSC. Students are placed in one of the sessions below:

- First Session: 7:50am to 10:20am
- Second Session: 11:10am to 1:40pm

New Market Skills Center is located in Tumwater. Transportation is provided by the sending school district.

The Cosmetology programs are partially off-site and operate Tuesday – Saturday with extended hours. Transportation is not provided to these off-site programs.

High School Credit

All NMSC programs count toward high school graduation, offering 3 credits per year. Credits may be career and technical, elective, or basic education equivalency credits, depending on the program.

Dual Credit Opportunities

NMSC students have the opportunity to earn college credit in their program. These credits are earned through agreements between NMSC and local community and technical colleges.

Industry-Recognized Credentials

NMSC students can earn a variety of industry-recognized credentials. These credentials represent valuable employment skills that meet industry standards and increase earning potential.

Unique Opportunities

New Market Skills Center students have unique opportunities to participate in and compete in leadership programs such as SkillsUSA. Some programs offer exciting opportunities to participate in internships, job shadows, and pre-apprenticeships.

Who can attend?

NMSC serves high school juniors and seniors from area high schools. School Districts in the New Market Consortium are Adna, Centralia, North Thurston, Oakville, Olympia, Rainier, Rochester, Shelton, Tenino, Tumwater, and Yelm.

How do I register for New Market?

Students must complete the NMSC on-line application found on the website, www.newmarketskills.org

Prior to submitting your application, contact your high school counselor to make sure your program selection works with your class schedule.

Once NMSC receives approval from the high school counselor, notification of placement will be sent via e-mail to the confirmation e-mail included on the on-line application.

Use the following course codes when selecting New Market Skills Center:

- Morning Session (Periods 1-3): VSC 900
- Afternoon Session (Periods 4-6): VSC 901

Programs Offered

- Art & Animation
 - equivalency credits for Fine Art & CTE
- Automotive Service Technology
 - equivalency credits for Lab Science & CTE
- Collision Repair Technology
 - equivalency credits for English & CTE
- Construction Trades
 - equivalency credits for English, Math, & Lab Science
- Cosmetology (Centralia & Olympia locations)
 - equivalency credits for Lab Science & CTE
- Criminal Justice
 - equivalency credits for Social Studies/Civics & CTE
- Culinary Arts
 - equivalency credits for English, Lab Science, & CTE
- Diesel & Marine Technology
 - equivalency credits for English, Math, & Lab Science
- Firefighting & EMS Careers
 - equivalency credits for Lab Science, PE, & CTE
- Medical Assistant
 - equivalency credits for English, Lab Science, & CTE
- JROTC (Navy National Defense Cadet Corps)
 - equivalency credits for English & CTE
- Professional Medical Careers: Nursing
 - equivalency credits for English, Lab Science, & CTE
- Veterinary Assistant
 - equivalency credits for English, Lab Science, & CTE
- Video Game Programming AP
 - equivalency credits for Math, Fine Art, & CTE

For detailed information about program offerings, please visit the New Market website at:
www.newmarketskills.org



