

DELTA HIGH SCHOOL COURSE CATALOG 2026 - 2027

Think Differently



A partnership of the
Kennewick, Richland & Pasco
School Districts

5801 Broadmoor Blvd.
Pasco, WA 99301



DELTA HIGH SCHOOL COURSE CATALOG

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NOTICE OF NONDISCRIMINATION

Delta High School does not discriminate in any programs or activities on the basis of sex, race, creed, age, religion, color, national origin, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of trained guide dog or service animal. Pasco School District provides equal access to the Boy Scouts, Girl Scouts, and other designated youth groups. Questions and complaints of alleged discrimination should be addressed to the following designated employ-ees: Title IX and Civil Rights Compliance Officer-Sarah Thornton; 1215 W. Lewis St., Pasco, WA 99301, 509-543-6700, sthornton@psd1.org; and Sec. 504 Coordinator-Kristi Docken, 1215 W. Lewis St., Pasco, WA 99301, 509-543-6700, kdocken@psd1.org.

Credit and Assessment Graduation Requirements

Delta High School students graduate from their home high schools and final transcripts show that coursework was completed through Delta's STEM program. Students must meet all graduation requirements from their home school district which can be found through district websites at www.ksd.org (Kennewick), www.psd1.org (Pasco), and www.rsd.edu (Richland).

Subject	Required Credits: Class of 2026 & Beyond ⁽¹⁾	
English Language Arts	4.0 credits	
Social Studies	3.0 credits	<ul style="list-style-type: none"> •1.0 credit Contemporary World Problems (2 Courses) •1.0 credit US History (2 Courses) •0.5 credit of Civics (U.S. Government) (1 Course) •0.5 credit Social Studies Electives (1 Course) •Washington State History as a non-credit requirement (may be taken in middle school) ⁽²⁾
Mathematics	3.0 credits	<ul style="list-style-type: none"> •Integrated Math I •Integrated Math II •A 3rd credit of math; IM III or higher ⁽³⁾
Science	3.0 credits	<ul style="list-style-type: none"> •2.0 Credits must be lab science
Career Technical Education (CTE)	1.0 credit	
Arts	2.0 credits	<ul style="list-style-type: none"> •1.0 credit may be substituted for PPR courses ⁽⁵⁾
Health & Fitness	2.0 credits	<ul style="list-style-type: none"> •1.5 credit Fitness ⁽⁴⁾ •0.5 credit Health
World Languages	2.0 credits	<ul style="list-style-type: none"> •2.0 credits may be substituted for PPR courses ⁽⁵⁾
Electives	4.0 credits	
Total Required Credits	24.0 credits	
Non-Credit Requirements	High School & Beyond Plan and Washington State History (<i>subject to the provisions of RCW 28A.230.170, RCW 28A.230.090, and WAC 392-410-120</i>)	
	Kennewick School District	Computer Competency (this requirement is met through IT202)
	Richland & Pasco School Districts	Financial Literacy (this requirement is met through Advisory and Career Choices at Delta)
Pathway Requirements	All students take the Smarter Balanced (SBA) ELA Exam, Smarter Balanced (SBA) Math Exam, and Washington Comprehensive Assessment of Science (WCAS). To meet graduation requirements, students must demonstrate English and Math proficiency through one of the following pathways:	
	English Proficiency	<ul style="list-style-type: none"> •Meet standard on the SBA ELA exam ⁽⁷⁾ •Meet standard on alternative exam SAT, ACT, ASVAB •Complete a college level course in ELA
	Math Proficiency	<ul style="list-style-type: none"> •Meet standard on the SBA Math exam ⁽⁷⁾ •Meet standard on alternative exam SAT, ACT, ASVAB •Complete a college level course in Math
	<ul style="list-style-type: none"> •Meet standard on the ASVAB exam (meets both English & Math) •Complete 2.0 credit (4-course) approved CTE pathway (meets both English & Math) 	

Credit and Assessment Graduation Requirements cont.

- 1) Graduation requirements apply to a student based on the year the student begins in 9th grade. The graduation requirements for the student's expected graduation year must be met, regardless of when the student graduates (WAC 180-51-035).
- 2) The Washington State History requirement may be met in middle school (grade 7-8) through successful completion of a designated course. The Pasco middle school course does not earn high school credit; students must complete 3.0 credits of social studies in high school. For students who did not successfully complete the middle school course, a high school alternative option is offered to meet this requirement.
- 3) Students are required to take 3.0 credits of Math, which include: Algebra 1-2 or Integrated Math II, Geometry 1-2 or Integrated Math II; an additional level of math, such as Algebra 3-4, Integrated Math III, Pre-Calculus, Statistics, etc. The third credit of math should align with the student's High School and Beyond Plan, pre-prepare students to meet state assessment system standards, and be chosen with the agreement of the parent/guardian or school counselor/principal if the parent/ guardian does not indicate a preference (WAC 180-51-067).
- 4) The 1.5 credit Fitness requirement will be waived by the student's home school district for all students enrolled full-time at Delta High School for grades 9-12. Personalized Pathway Requirements (PPR) are up to 3.0 credits chosen by the student to meet specific post-secondary career or education goals that align with the student's interests and High School and Beyond Plan. PPR credits may replace 1.0 credit in the Arts and 2.0 credits in World Language.
- 5) Personalized Pathway Requirements (PPR) are up to 3.0 credits chosen by the student to meet specific post-secondary career or education goals that align with the student's interests and High School and Beyond Plan. PPR credits may replace 1.0 credit in the Arts and 2.0 credits in World Language.
- 6) For graduation purposes, the State Board of Education has set exit exam passing scores on Smarter Balanced tests that may be different from the consortium determined achievement levels.

For graduation purposes, the State Board of Education has set exit exam passing scores on Smarter Balanced tests that may be different from the consortium determined achievement levels.

STANDARDS BASED GRADING AT DELTA

Delta High School uses a standards-based grading system that focuses on what students know and can do based on learning standards. Students earn grades on a 4-point scale. The following are the meanings of individual assignment grades listed in PowerSchool, our electronic grading system:

<p>4: Advanced Students achieving at the advanced level demonstrate greater academic performance. Advanced work indicates an in-depth understanding or exemplary display of the skills that are included in the identified standards.</p> <p>These students:</p> <ul style="list-style-type: none"> • Demonstrate broad, in-depth understanding of complex concepts and skills • Make abstract, insightful, complex connections among ideas beyond the obvious • Provide extensive evidence for inferences and justification of solutions • Demonstrate the ability to apply knowledge and skills effectively and independently by applying efficient, sophisticated strategies to solve complex problems • Communicate effectively and thoroughly, with sophistication 	<p>3: Proficient Students achieving at the proficient level demonstrate satisfactory academic performance. Proficient work indicates solid understanding or displays the skills included in the identified standards. This is acceptable grade-level performance.</p> <p>These students</p> <ul style="list-style-type: none"> • Can extend their understanding by making meaningful, multiple connections among important ideas or concepts and provide supporting evidence for inferences and justification of solutions • Apply concepts and skills to solve problems using appropriate strategies • Communicate effectively
<p>2: Emerging Students achieving at the emerging level demonstrate up-and-coming academic performance. Emerging students indicate a partial understanding or display of the skills included in the identified standards. Students achieving this level are approaching acceptable performance but need additional instructional opportunities to achieve proficiency.</p> <p>These students:</p> <ul style="list-style-type: none"> • Demonstrate partial understanding of basic concepts and skills • Make basic connections among ideas, providing limited supporting evidence for inferences and solutions • Apply concepts and skills to routine problem-solving situations • Communicate in a limited fashion 	<p>0: Not Yet Approaching Proficiency A zero is earned for assignments that do not yet approach the required proficiency level (“2”). Students who are achieving at this beginning level demonstrate a clear need for additional instructional opportunities to show learning.</p> <p>These students:</p> <ul style="list-style-type: none"> • Demonstrate little understanding of the concepts and skills associated with the Washington State standards • Occasionally make obvious connections among ideas, providing minimal evidence or support for inferences and solutions • Have difficulty applying basic knowledge and skills • Communicate in an ineffective manner • Will likely have difficulty with subsequent material or courses that build upon the current course. Remediation and intervention are necessary. <p>0 plus “M” (Missing) This grade is entered for assignments which are not attempted or completed. If you see a zero with a “M” in the online gradebook, it means the student did not turn in the assignment.</p>

Final Course Grades

A student’s final course grade is calculated by averaging the final scores for all assessed standards. Each standard is assessed at least three times during the trimester, and a final score is determined for each standard. The method used to calculate the final score may vary by course; refer to the course syllabus for specific details. Not all standards are assessed in every trimester. Final grades follow the 4-point GPA scale used by colleges and universities. This GPA score can be converted to a traditional letter grade. In accordance with Washington State law, only letter grades are recorded on students’ final transcripts.

Teachers may weight summative assessments—such as major projects or end-of-unit exams—more heavily when determining a student’s score on a specific standard. Once final scores for all standards are determined, they are averaged to produce the overall course grade.

Because the grade is an average, it may not fully reflect strengths and areas for growth. For example, a student might earn scores of 4 on several standards (advanced learning) and 2 on others (emerging learning). The average could be a 3.5, resulting in a “B+,” even though the student is excelling in some areas and still developing in others. In such cases, additional targeted support may be helpful.

GRADING POLICY

Final Grade	Traditional Letter Grade	Mastery Level Achieved
4.0	A	Advanced
3.7	A-	
3.3	B+	Proficient
3.0	B	
2.7	B-	
2.3	C+	Emerging
2.0	C	
0.0	F	Beginning or No Evidence of Learning

A final course grade of 0.0 (or “F”) earns no credit for the course. Lost credits may be retrieved through summer school or other available programs. Dependent on space availability, the student may reenroll in the course in a subsequent year at Delta.

Late Work

Meeting deadlines is an important life skill used in school, college, and the workplace.

“Effort” at Delta High School means:

- ✓ Coming to class prepared for work
- ✓ Completion of all assignments
- ✓ Quality use of class time
- ✓ Asking for help from peers
- ✓ Asking for help from the teacher during class
- ✓ Asking for help from the teacher, outside of class
- ✓ Showing evidence of attempting and/or completing homework
- ✓ Persisting through multiple attempts at a task/assessment
- ✓ Showing a positive attitude toward work completion

Late work will not be accepted after the end of the grading period except in cases of extenuating circumstances, and only when approved in advance by the principal. In these rare cases, an “Incomplete” may be given as a final course grade. Incompletes are only valid for two weeks. If course requirements are not met within the two-week period, the Incomplete will become a 0.0 and no credit will be earned for the course. In such cases, the student may need to retrieve the credit through summer school or other available programs.

PowerSchool

Delta High School uses PowerSchool to track grades and attendance for all students. We recommend using PowerSchool via an internet browser and not using the app, as more information is available. For personal login information for logging in for the first time please contact the Delta High School office at (509)416-7860.

Note: You may also have your student log into PowerSchool and view grades and attendance through their account.

COLLEGE CREDIT OPTIONS

To meet students' post-high school goals, Delta High School works with a variety of partners to provide college credit-earning opportunities for students while still enrolled in high school. Course offerings are dependent on staff availability.

College in the High School / CWU & EWU

Delta High School currently partners with state universities to provide college-level courses and dual credit through the College in the High School program. Students enroll in the college-level course at their high school campus and earn both high school and college credit. Some courses have prerequisites which must be met before enrolling. Courses offered through this program earn credits for students which typically apply to AA/BA/BS degrees at a community college or university. There are no university fees or books which must be purchased. Offerings may vary each year, dependent on available, qualified personnel. Offerings may include courses in: English Language Arts, Social Studies, Mathematics, Science, Spanish and CTE.

College Credit Comparison Chart	
College in the High School	Running Start
High school class content equivalent to college level class in rigor and content	Students attend college classes on synchronously while on the Delta with other Delta Students in the Cafeteria
Adjunct college professor (which is your high school teacher)	Taught by college professor
Class transcribed as College in the High School course; additional college transcript generated	Class transcribed as college course
Students attend class on the high school campus	
High school books and supplemental materials are used	Students pay for college texts and materials
Lab or materials fees are NOT charged	Student pays all fees (parking, lab, online, fitness center, etc.)
Tuition is free	Students do not pay tuition if credits are within state legislative allotment; limits number of courses students can enroll in at high school campus
Course offerings set collaboratively by Delta High School and university partner	Course offerings set by college



2026-2027 College in the High School Courses	
Central Washington University	Eastern Washington University
ENG 101, 102, & 105	COMST203 & 241
COM250	PSYCH100
MATH 152, 153, 172, 173, 130 & 211	DESN216, CYBER100
SOC107 & GEOG208	SPAN201
IT202	CHEM100
BIOL100, PHYS111	

FOUR YEAR PLANNING WORKSHEETS

Four Year Planning Worksheet Class of 2030

**Courses are subject to change due to staffing*

GRADE 9 / 2026 - 2027

T1	T2	T3
Integrated Math I, II, III or Math Analysis II	Integrated Math I, II, III or Pre-Calc Math153	Particular Topics in Algebra, Probability/Stats, Math Analysis or Pre-Calc Math154
Intro to Biology	Intro to Physics	Intro to Chemistry
IT202 - Technology Skills	Pre-Engineering A	Computer Science
World Area Studies	Language Arts 9A	Language Arts 9B
Spanish 1A or Spanish 2A or CMST203 Intro to Leadership	Spanish 1B or Spanish 2B or CMST203 Intro to Leadership	Spanish 2A , Spanish 3A, or SPAN201 or CTE Elective

GRADE 10 / 2027 - 2028

T1	T2	T3
Integrated Math II, III, Math Analysis II or Calculus	Integrated Math II, III, Pre-Calc MATH153 or Calculus Math172	Probability & Statistics, Math Analysis I, Pre-Calc MATH154 or Calculus Math173
Physics II	Biology II or BIOL101	Geography or GEOG208
Language Arts 10A	Sociology or SOC107	Language Arts 10B
Spanish 2B or 3B or STEM Elective	Spanish 3A or English Elective or STEM Elective	Spanish 3B or SPAN201 or STEM Elective
Architectural Drafting Design A or 3D Modeling & Eng. Design A	Architectural Drafting Design B or 3D Modeling & Eng. Design B	DESN216 Digital Foundations

GRADE 11 / 2028 - 2029

T1	T2	T3
Integrated Math III, Math Analysis II, or Calculus	Integrated Math III, Pre-Calculus MATH153 or Calculus MATH172	Math Analysis I, Pre-Calculus MATH154 or Calculus MATH173
Advanced Chemistry or CHEM100 Intro. to Chemistry	Biotechnology	Advanced Biology or Advanced Physics
COM250 Public Speaking	ENG101 or English Elective	ENG102 or English Elective
Pre-Engineering B or Computer Science II	Career Choices	Modern US History B
Health or Running Start	Modern US History A or Running Start	STEM Elective or Running Start

GRADE 12 / 2029 - 2030

T1	T2	T3
Math Analysis II, Calculus, Particular Topics in Prob & Stats	Pre-Calculus MATH153, Calculus MATH172 or Statistics MATH211	Pre-Calculus MATH154, Calculus MATH173 or Finite Math MATH130
Technical Writing or ENG105	English Elective	<u>Select 4 of 5 below</u>
Government	<u>Select 3 of 4 below</u>	English Elective
<u>Select 2 of 3 below</u>	STEM elective	SPAN201
STEM elective	STEM elective	STEM electives
Running Start	Running Start	Running Start
WBL (Internship)	WBL (Internship)	WBL (Internship)

**Courses are subject to change due to staffing*

Class of 2029 - Four Year Planning Worksheet

**Courses are subject to change due to staffing*

GRADE 9 / 2025 - 2026

T1	T2	T3
Integrated Math I, II, III or Math Analysis II	Integrated Math I, II, III or Pre-Calc Math153	Particular Topics in Algebra, Probability/Stats, Math Analysis or MATH154 Pre-Calc
Physics A	Chemistry A	Physics B
IT202 - Technology Skills	Pre-Engineering A	Computer Science
World Area Studies	Language Arts 9	Language Arts 9
Spanish 1A or Spanish 2A or Leadership	Spanish 1B or Spanish 2B or Leadership	Spanish 2A or Spanish 3A or Environmental Science

GRADE 10 / 2026 - 2027

T1	T2	T3
Integrated Math II, III, Math Analysis II or Calculus	Integrated Math II, III, Pre-Calc MATH153 or Calculus Math172	Probability & Statistics, Math Analysis I, Pre-Calc MATH154 or Calculus Math173
Physics Elective	Biology A	Biology B or BIOL101
Language Arts 10	Sociology or SOC107	Language Arts 10
Architectural Drafting Design A or 3D Modeling & Engineering Design A	Architectural Drafting Design B or 3D Modeling & Engineering Design B	DESN216 Digital Foundations
Spanish 2B or 3B or STEM Elective	Spanish 3A or English Elective or STEM Elective	Spanish 3B or SPAN201 or Geography or GEOG208

GRADE 11 / 2027 - 2028

T1	T2	T3
Integrated Math III, Math Analysis II, Calculus	Integrated Math III, Pre-Calc MATH153, Calculus MATH172	Math Analysis I, Pre-Calc MATH154, Calculus MATH173
Advanced Chemistry or CHEM100 Intro. to Chemistry	Biotechnology	Advanced Biology or Advanced Physics
COM250 Public Speaking	ENG101 or English Elective	ENG102 or English Elective
Pre-Engineering B or Computer Science B	Career Choices	Modern US History B
Health or Running Start	Modern US History A or Running Start	STEM Elective or Running Start

GRADE 12 / 2028 - 2029

T1	T2	T3
Math Analysis II, Calculus, Particular Topics in Prob & Stats	Pre-Calculus MATH153, Calculus MATH172 or Statistics MATH211	Pre-Calculus MATH154, Calculus MATH173 or Finite Math MATH130
Technical Writing or ENG105	English Elective	<u>Select 4 of 5 below</u>
Government	<u>Select 3 of 4 below</u>	English Elective
<u>Select 2 of 3 below</u>	STEM elective	SPAN201
STEM elective	STEM elective	STEM electives
Running Start	Running Start	Running Start
WBL (Internship)	WBL (Internship)	WBL (Internship)

**Courses are subject to change due to staffing*

Four Year Planning Worksheet Class of 2028

**Available courses are subject to change*

GRADE 9 / 2024 - 2025

T1	T2	T3
Integrated Math I, II, III or Math Analysis II	Integrated Math I, II, III or Pre-Calc Math153	Particular Topics in Algebra, Probability/Stats, Math Analysis I or Pre-Calc Math154
Physics A	Chemistry A	Physics B
World Area Studies	Language Arts 9	Language Arts 9
Spanish 1A Spanish 2A or Leadership	Spanish 1B Spanish 2B or Leadership	Spanish 2A Spanish 3A or STEM elective
IT202	Pre-Engineering A	Computer Science

GRADE 10 / 2025 - 2026

T1	T2	T3
Math Analysis II, Calculus, Particular Topics in Prob & Stats	Pre-Calculus MATH153, Calculus MATH172 or Statistics MATH211	Pre-Calculus MATH154, Calculus MATH173 or Finite Math MATH130
Biology	Biology	Health
Architectural Drafting Design A or 3D Modeling & Engineering A	Architectural Drafting Design B or 3D Modeling & Eng. Design B	Multi-Media Graphic Design
Language Arts 10	Sociology or SOC107	Language Arts 10
Spanish 2B or 3B or STEM Elective	Spanish 3A or English Elective or STEM Elective	Spanish 3B or SPAN201 or Geography or GEOG208

GRADE 11 / 2026 - 2027

T1	T2	T3
Integrated Math III, Math Analysis II, Calculus	Integrated Math III, Pre-Calc MATH153, Calculus MATH172	Math Analysis I, Pre-Calc MATH154, Calculus MATH173
Advanced Chemistry or CHEM100 Intro. to Chemistry	Biotechnology	Advanced Physics
COM250 Intro to Public Speaking	ENG101 or English Elective	ENG102 or English Elective
Pre-Engineering B or Computer Science B	Career Choices	Modern US History B
STEM Elective or Running Start	Modern US History A or Running Start	STEM Elective or Running Start

GRADE 12 / 2027 - 2028

T1	T2	T3
Math Analysis II, Calculus, Particular Topics in Prob & Stats	Pre-Calculus MATH153, Calculus MATH172 or Statistics MATH211	Pre-Calculus MATH154, Calculus MATH173 or Finite Math MATH130
Technical Writing or ENG105	English Elective	<u>Select 4 of 5 below</u>
Government	<u>Select 3 of 4 below</u>	English Elective
<u>Select 2 of 3 below</u>	STEM elective	SPAN201
STEM elective	STEM elective	STEM electives
Running Start	Running Start	Running Start
WBL (Internship)	WBL (Internship)	WBL (Internship)

**Courses are subject to change due to staffing*

Four Year Planning Worksheet Class of 2027

*Courses are subject to change due to staffing

GRADE 9 2023 - 2024		
T1	T2	T3
Integrated Math I, II, III or Math Analysis II	Integrated Math I, II, III or Pre-Calc Math153	Particular Topics in Algebra, Probability/Stats, Math Analysis or Pre-Calc Math154
Physics A	Physics B	Chemistry
Language Arts 9	Language Arts 9	English Elective
World Area Studies A	World Area Studies B	Psychology
Microsoft User Specialist	Computer Science	Pre-Engineering A
GRADE 10 2024 - 2025		
T1	T2	T3
Integrated Math II, III, Math Analysis II or Calculus	Integrated Math II, III, Pre-Calc MATH153 or Calculus Math172	Probability & Statistics, Math Analysis I, MATH154 Pre-Calc or MATH173 Calculus
Health or BIO201	BIO101 or Biology	Biology
Language Arts 10	GEOG208 or Human Geography	Language Arts 10
World Geography or GEOG107	Research Methods or Psychology	Social Studies Elective
Architectural Drafting Design A or 3D Modeling & Eng. Design A	Architectural Drafting Design B or 3D Modeling & Eng. Design B	Multimedia-Graphic Design
GRADE 11 2025 - 2026		
T1	T2	T3
Integrated Math III, Math Analysis II, Calculus	Integrated Math III, MATH153 Pre-Calc, MATH172 Calculus	Math Analysis I, MATH154 Pre-Calc, MATH173 Calculus
COM250 Public Speaking	ENG101 or English Elective	ENG102 or English Elective
Modern US History A or Running Start	Advanced Physics or PHYS111 or Running Start	Modern US History B or Running Start
Pre-Engineering B or Computer Science B	Career Choices	Advanced Chemistry
Spanish 1A or STEM Elective	Spanish 1B or US Government or STEM Elective	Spanish 2A, SPAN201 or STEM Elective
GRADE 12 2026 -2027		
T1	T2	T3
Math Analysis II, Calculus, Particular Topics in Prob & Stats	Pre-Calculus MATH153, Calculus MATH172 or Statistics MATH211	Pre-Calculus MATH154, Calculus MATH173 or Finite Math MATH130
Technical Writing or ENG105	English Elective	<u>Select 4 of 5 below</u>
Government	<u>Select 3 of 4 below</u>	English Elective
<u>Select 2 of 3 below</u>	Spanish 3A	Spanish 3B or SPAN201
Spanish 2B	STEM electives	STEM electives
STEM elective	STEM electives	STEM electives
Running Start	Running Start	Running Start
WBL (Internship)	WBL (Internship)	WBL (Internship)
<i>*Courses are subject to change due to staffing</i>		

UNIQUELY DELTA

Washington State Seal of Bilingual

The Washington State Seal of Bilingual ([RCW 28A.300.575](#)) recognized 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. “Participating school districts with students eligible to receive the Seal, shall place a notation on a student’s high school diploma and high school transcript indicating that the student has earned the seal.” ([RCW 28A.230.125](#))

Delta High School students completing the Heritage sequence of Spanish courses may take the STAMP™ assessment during their senior year to determine qualifying status for the Seal of Bilingual.



Gold and Silver Graduates

Each graduating class honors two outstanding students based on cumulative GPA. The student with the highest GPA will be the “Gold” graduate and the second will be the “Silver” graduate. Ties will result in co-gold or co-silver recipients.

Selectees must:

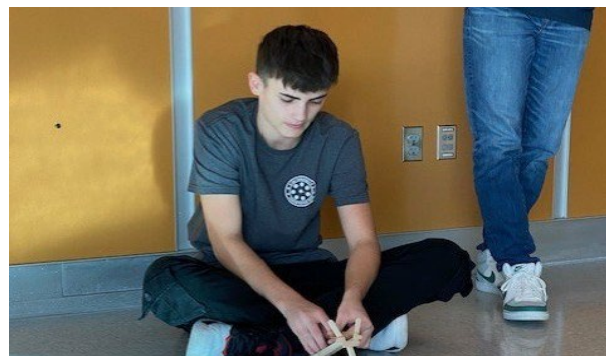
- Attend Delta for all four years
- Complete all graduation requirements for their home district
- Pass all components of the State Exams
- Taken at least 10 college credits

Determination of Gold and Silver graduates will be made after Trimester 2 of the senior year.



MATHEMATICS

Participation in Math courses in 9th, 10th and 11th grade prepares students for the state Math assessment. Students at Delta are required to enroll in Math courses during all four years in preparation for post high school opportunities. **For graduation, students must earn a minimum of 3.0 math credits, one of which must be Integrated III or its**



Integrated Math I

Prerequisite: None

Open to: Grades 9

Length: 2 Trimesters / 1.0 credit

Satisfies: 1.0 Math

Integrated Math courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The multiperiod sequence of Integrated Math replaces the traditional Algebra I, Geometry, Algebra II sequence of courses, and covers the following topics during a three-year sequence: algebra, functions, geometry, geometry from both synthetic and an algebraic perspective, trigonometry, statistics and probability, and mathematical structure. Students receive the same college preparatory curricula over the course of three years that they would get in the traditional sequence of math courses. Integrated Math 1 topics include linear functions, equations, and inequalities, exponential properties, and geometrical transformations.

Particular Topics in Algebra

Prerequisite: None

Open to: Grades 9

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Math

Particular Topics in Algebra is a continuation of Integrated Math I. The topics for this course include polynomial arithmetic, transformations of quadratic functions, graphing quadratic functions, and solving quadratic equations.

Integrated Math II

Prerequisite: Integrated Math I or Algebra I

Open to: Grades 9, 10

Length: 2 Trimesters / 1.0 Credit

Satisfies: 1.0 Math

Integrated Math courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The multiperiod sequence of Integrated Math replaces the traditional Algebra I, Geometry, Algebra II sequence of courses, and covers the following topics during a three- or four-year sequence: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete mathematics, the conceptual underpinnings of calculus, and mathematical structure. Students receive the same college preparatory curricula over the course of three years that they would get in the traditional sequence of courses. Integrated Math II topics include solving quadratic equations, factoring quadratics, quadratic formula, quadrilaterals, Pythagorean Theorem, 2D/3D shapes, geometric proofs, triangle properties, and matrices.

Probability and Statistics

Prerequisite: Integrated Math II or Geometry

Open to: Grades 9-11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Math

Probability and Statistics is a continuation of Integrated Math II. This course introduces the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: odds and probabilities, probability trees, populations and samples, frequency tables, measures of central tendency, and presentation of data (including graphs).

Integrated Math III

Prerequisite: Integrated Math II or Geometry

Open to: Grades 9-12

Length: 2 Trimesters / 1.0 credit

Satisfies: 1.0 Math

Integrated Math courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The multiperiod sequence of Integrated Math replaces the traditional Algebra I, Geometry, Algebra II sequence of courses, and covers the following topics during a three- or four-year sequence: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, and mathematical structure. Students receive the same college preparatory curricula over the course of three years that they would get in the traditional sequence of courses. Integrated Math III topics include exponential, logarithmic, and rational functions, complex numbers, and conic sections.

Math Analysis I

Prerequisite: None

Open to: Grades 9-12

Length: 1 Trimesters / 0.5 credit

Satisfies: 0.5 Math

This course is an extension of the Integrated Math III series. This course covers trigonometric topics including right triangle trigonometry, non-right triangle trigonometry, graphing trigonometric functions in Cartesian and Polar coordinate systems, explorations of the unit circle, and application of trigonometry to real world situations.

Math Analysis II

Prerequisite: Integrated III & Math Analysis I

Open to: Grades 9-12

Length: 1 Trimesters / 0.5 credit

Satisfies: 0.5 Math

This is a one-trimester course. It is an introduction to Precalculus I and II. Topics include polynomial equations, piecewise functions, radical functions, and matrices.

MATH153/154PreCalculus I and II

Prerequisite: Math Analysis II

Open to: Grades 9-12

Length: 2 Trimesters / 2.0 credits

Satisfies: 2.0 Math

This is a two-trimester course. Topics for the first trimester are polynomial, logarithmic, exponential, and rational functions. Second trimester the topics include the study of trigonometric functions, vectors and polar coordinates.

Calculus

Prerequisite: MATH153/154PreCalculus I & II

Open to: Grades 10-12

Length: 1 Trimester/0.5 credit

Satisfies: 0.5 Math

This is a one trimester course. It is an introduction to Calculus I and II. Topics include limits, derivatives, definite and indefinite integration and applications of derivatives and integrals.

MATH 172/173 Calculus I and II

Prerequisite: CWU Math 153/154

Open to: Grades 10-12

Length: 2 Trimesters/2.0 credits

Satisfies: 2.0 Math

This is a two-trimester course. Topics include limits, derivatives, definite and indefinite integration and applications of derivatives and integrals.

Particular Topics in Probability & Statistics

Prerequisite: None

Open to: Grade 12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Math

This course explores statistical analysis as applied to real world financial topics. Topics include single variable analysis, data visualization, and real-world statistical data gathering.

MATH 211Statistical Concepts & Methods

Prerequisite: Finite Mathematics (CWU: MATH 130)

Open to: Grade 12

Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 Math

CiHS: CWU – 5 college credits

This course will allow for students to calculate and interpret basic descriptive statistics, calculate probabilities for simple events from a variety of random experiments, describe and use properties of basic probability distributions, understand and perform statistical inference in the form of confidence intervals and hypothesis tests, and review with more critical eyes public information that informs decisions in our world today.

Finite Mathematics (CWU: MATH 130)

Prerequisite: Inferential Probability & Statistics

Open to: Grade 12 Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 Math

This course will explore topics of probability and statistics. Finite Math focuses on real world applications and serves to prepare students for research and statistical analysis. Finite math is for the information age. The course will study discrete number problems. This course will include exploration into probability, set theory, counting principles, statistics, logic, and decision making.



DELTA HIGH SCHOOL MATHEMATICS PATHWAYS 2026-2027

Middle School Math

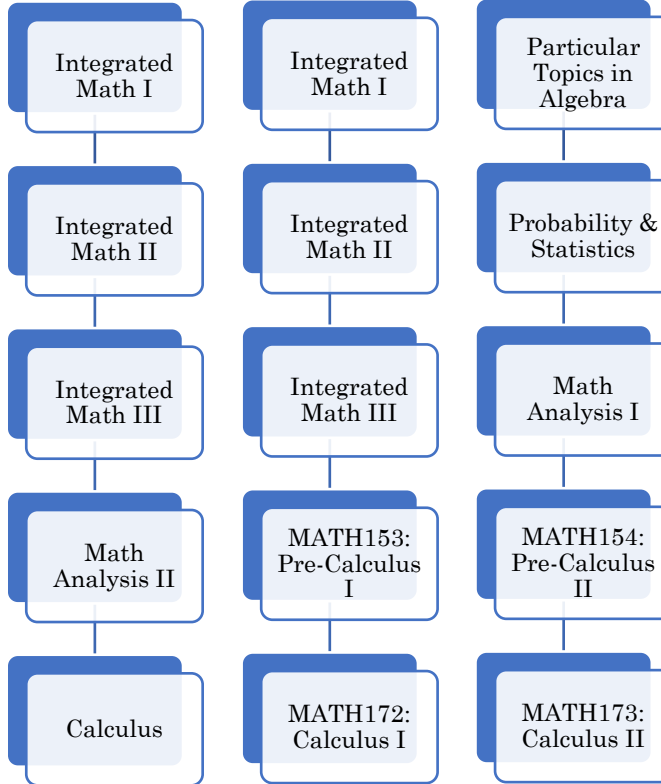
**Pre-Algebra or
General Math**



Trimester 1

Trimester 2

Trimester 3



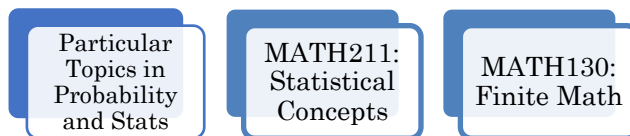
**Successful
completion of
Algebra 1**



**Successful
completion of
Geometry**



**12th Grade Option for students who
have completed Integrated Math III,
Math 154 or MATH 173**



Integrated Math courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between mathematics and other disciplines. The multi-period sequence of Integrated Math replaces the traditional Algebra I, Geometry, Algebra II sequence of courses, and usually covers the following topics during a three-year sequence: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete mathematics, the conceptual underpinnings of calculus, and mathematical structure.

SCIENCE

Students must earn a minimum of 3.0 credits in science for graduation. This must include 2 lab-based courses. Students build skills in critical thinking, analysis, decision making, problem solving, curiosity, and communicating complex ideas. These classes prepare them for the Washington Comprehensive Assessment of Science.



Intro to Biology

Prerequisite: None
 Open to: Grade 9 or 10
 Length: Trimesters / .5 credit
 Satisfies: 0.5 Science

Biology is the study of life and the environment which sustains it. During this course we will explore cell biology, genetics, evolution and how matter and energy cycle through living systems. Students will develop and use different kinds of models as they work to understand concepts and explain phenomena. This course will also focus on identifying evidence and reasoning and use both in the support of claims.

*This is a laboratory-based course.

Intro to Physics

Prerequisite: None
 Open to: Grade 9
 Length: 1 Trimester / 0.5 credit
 Satisfies: 0.5 Science

In this class, students will learn about the interactions and relationships of matter and energy. This involves exploring how the four fundamental forces; Gravity, Electromagnetism, Strong Nuclear, and Weak Nuclear, control the universe around us. Students will investigate how these fundamental forces can create systems that are very simple and others can be quite complex.

*This is a laboratory-based course.

Intro to Chemistry

Prerequisite: None
 Open to: Grade 9
 Length: 1 Trimester / 0.5 credit
 Satisfies: 0.5 Science

Chemistry is the study of the atom and how about 80 different atoms make up everything around. Students will explore how atoms come together to form the four primary materials: molecules, ionic compounds, metals, and network solids. Students will use chemical reactions to study the flow of energy and

matter. Students will experiment with how the principles of kinetics and equilibrium are used to control chemical reactions.

*This is a laboratory-based course.

Physics B

Prerequisite: None
 Open to: Grade 10
 Length: 1 Trimester / 0.5 credit
 Satisfies: 0.5 Science

This course is a continuation of Intro to Physics. In this class, students will learn about the interactions and relationships of matter and energy. This involves exploring how the four fundamental forces; Gravity, Electromagnetism, Strong Nuclear, and Weak Nuclear, control the universe around us. Students will investigate how these fundamental forces can create systems that are very simple and others can be quite complex.

*This is a laboratory-based course.

BIOL100 Fundamentals of Biology

Prerequisite: Intro to Biology
 Open to: Grade 10 Length: Trimester / 1.0 credit
 Satisfies: 1.0 Science Lab
 CiHS: CWU – 5 College Credits

This course serves as an introduction to scientific inquiry and basic principles of biology at molecular, cellular, organismal, community, and ecosystem levels as applied to humans, society, and the environment. This course may not be counted toward a major or minor in the department of biological sciences. (CWU Course Catalogue) Students will develop and use different kinds of models as they work to understand concepts and explain phenomena. This course will also focus on identifying evidence and reasoning and use both in the support of claims.

*This is a laboratory-based course.

Advanced Chemistry Biochemistry

Prerequisite: None

Open to: Grades 1112

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Science

Biochemistry involves the study of chemicals that occur in living organisms. Concepts include chemical reactions, equilibrium, and conservation of matter; structure and behavior of biochemicals; and communication using various models. Hands on laboratory activities will include a focus on basic techniques, lab safety, data analysis, the scientific method, and related computer skills. *This is a laboratory-based course.

CHEM100 Introduction to Chemistry

Prerequisite: None

Open to: Grades 11

Length: 1 Trimester / 1.0 credit

Satisfies: 01.0 Science

CiHS: EWU 5.0 College Credits

Topics include the scientific method, SI and metric systems, unit conversions, atomic structure, periodic table, bonding, and stoichiometry.

*This is a laboratory-based course.

Introduction to Biotechnology

Prerequisite: None

Open to: Grades 11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Science

This course will introduce you to the foundational aspects of biotechnology. Topics include DNA isolation and modification, protein synthesis and detection, cell culture, and sterile technique. Societal issues associated with biotechnology, such as stem cells, cloning, and genetically modified foods, will be explored with an emphasis on current policy and debate. Hands on laboratory activities will include a focus on basic techniques, lab safety, data analysis, scientific method, scientific communication, teamwork, and related computer skills.

*This is a laboratory-based course.

Advanced Physics II

Prerequisite: None

Open to: Grade 11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Science

Introduces students to the fundamental principles of energy transfer, including the laws of thermodynamics, concepts of heat, work, internal energy, and how these relate to different types of systems, often focusing on practical applications in everyday life and preparing students for further study in science or engineering fields.

ENGLISH

Participation in English courses in 9th and 10th grade prepares students for the state English Language Arts assessment.

Students at Delta are required to enroll in English courses during all four years in preparation for post-high school opportunities.

Students must earn a minimum of 4.0 credits in English for graduation.

Language Arts 9A & 9B

Prerequisite: None

Open to: Grades 9

Length: 2 Trimesters / 1.0 credit

Satisfies: 1.0 ELA

Language arts skills are of course important for reading stories and writing essays, but they are also critical to improving how you think, learn, and understand science, technology, engineering, math, and social studies. This year you will learn how to be aware of yourself and others as readers and writers and how to navigate and adapt your reading and writing processes for various texts, situations, audiences, and purposes. You will use this learning to communicate and connect your thinking and learning from Science, Technology, Math, and Social Studies.

Language Arts 10A & 10B

Prerequisite: None

Open to: Grades 10

Length: 2 Trimesters / 1.0 credit

Satisfies: 1.0 ELA

How have the great minds of our world transmitted the thoughts and ideas that have inspired humanity? Through written and verbal communication. Focusing on reading, writing, and oral communication skills will allow you to contribute your own insight. Reading skills will analyze literary and informational texts of today and our past. Writing skills that allow you to express yourself through argumentative, narrative, and expository writing. Each trimester we will be engaging in cross-curricular projects that will allow you to use all of the disciplines in order to discover answers to life's questions. Everything we will study will be centered on the common core state standards for language arts. Children's Lit, Graphic Novels etc.



COM250 Intro to Public Speaking

Prerequisite: None

Open to: Grades 11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 ELA

CiHS: CWU 4 college credits

This College in the High School course develops students' self-confidence through public speaking activities such as small group interaction, public speaking, debate, and oral interpretation of literature. Speech students will learn techniques of preparation, organization, and delivery of speeches to persuade, to explain, to demonstrate, to present facts, to counter and win arguments, and to speak on the spur of the moment. Students will also learn skills in small group interaction, dynamics, and roles. Students are expected to read and discuss speeches with emphasis on the use of language and persuasive techniques.

ENG 101 COMP I: CRIT RDG AND RESPONDING

Prerequisite: [CWU Self Placement Survey](#)

Open to: Grade 11, 12

Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 ELA

CiHS: CWU – 5 college credits

Critical Reading and Responding is a composition course that emphasizes critical reading, rhetorical awareness, the writing process, and writing as a tool for problem-solving across disciplines. The course places a strong focus on multimodal reading and writing, helping students analyze and produce texts that combine words, images, and other media. The purpose of ENG 101 is to support students' development as college level critical readers and academic writers. The course prepares students for source-based writing in ENG 102, as well as for a wide range of college courses that require critical reading, academic writing, and research. Students will learn to create well organized, multimodal compositions grounded in close analysis of texts and will participate in frequent reading discussions and collaborative writing workshops.

ENG 102 COMP II: Reason and Research

Prerequisite: ENG 101 with a 2.0 or better

Open to: Grade 11, 12

Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 ELA

CiHS: CWU – 5 college credits

Building on the rhetorical skills introduced in ENGL 101, students will engage in research-based writing as an active, rhetorical process. The course emphasizes writing clear, persuasive, and well-organized essays that synthesize, document, and critically respond to a range of sources on a focused topic. The culminating assignment is an argument synthesis essay in which students take a well-supported position on an issue of interest to themselves and their classmates.

World Literature

Prerequisite: None

Open to: Grade 11-12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 ELA

This course is designed to give significant literary/historical/cultural exposure to students who will be part of the global marketplace of the future. Students read and discuss traditional and contemporary World art and literature and study contemporary and historical world events. Students will learn to appreciate and understand the values and dynamics of different cultures. The themes for the trimesters will vary, but the goal is to help students connect the art, literature, history, and culture of the world to their lives. This course also explores many different types of writing. Papers can be tailored to meet the needs of the student for College prep; technical, business, or creative writing; and simple, personal expression.

ENG 105 LIT IMAGINATION: INTRO TO LIT

CEDARS #1103

Prerequisite: ENG101 with a C or better

Open to: Grade 12

Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 ELA

CiHS: CWU – 5 college credits

English 105 introduces students to a wide range of literary works—including short stories, poems, plays, nonfiction, and novels—from diverse historical periods and cultures. Throughout the course, students examine key literary elements such as character, setting, plot, symbolism, style, and theme, and explore how these elements shape meaning across texts. Through close reading, class discussion, and both short and extended written assignments, students develop strong critical and analytical reading and writing skills. The course emphasizes analyzing language, structure, meaning, and impact, as well as making connections among works studied. Active participation is essential, as discussion allows students to test interpretations, refine ideas, and build confidence in responding to both canonical and contemporary literature in their own informed, analytical voice.

Technical Writing

Prerequisite: None

Open to: Grades 12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 ELA

This course emphasizes real world application, encouraging you to collaborate with clients. Discover the art and craft of technical writing in this dynamic, hands-on course designed to prepare you for professional communication in a variety of fields. Through engaging smaller projects like instruction manuals, data visualizations, flyers, grant proposals, and handbooks, you'll develop essential skills to create clear, impactful, and practical documents. This course empowers you to showcase your creativity, critical thinking, and technical expertise in a professional context.

ELA ELECTIVES

Science Fiction

Prerequisite: None

Open to: Grades 9-10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 ELA

The class will provide an overview of key themes within science fiction through studying novels, short stories, films, and television episodes of the past and today. We will examine how science fiction addresses many different wonders and concerns that are facing our world. Students will apply their knowledge of science fiction conventions and their many subgenres in the creation of their own science fiction worlds.

Mythology

Prerequisite: None
Open to: Grades 10 - 12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 ELA

Mythology, which consists of myths, hero tales, legends, and fairy tales, represents a society's basic cultural and moral values, recorded in literary form. This course covers not only classical Greek & Roman mythology, but also world myths, social/cultural myths, and literary heritage of the local indigenous tribal nations. Students will read basic mythologies from world cultures, and analyze the stories, identifying parallel elements to show the basic kinship between people. The course culminates in a creative project of a new or retold myth.

Podcasting

Prerequisite: None

Open to Grades: 10 - 12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 ELA

This course explores the process of creating a podcast, from defining its concept to producing, editing, and making sure it builds an engaged audience. We explore different successful shows and understand the elements they have in common. Students learn the basic skills for producing a podcast and have several episodes to share by the end of the course.

DELTA HIGH SCHOOL COURSE CATALOG 2026-2027

SOCIAL STUDIES

Participation in Social Studies courses is a required component of Delta's STEM program. Students build skills in critical thinking, research, reading, writing, and communication. **Students must earn a minimum of 3.0 credits in Social Studies for graduation.**



World Area Studies

Prerequisite: None

Open to: Grade 9

Length: 1 Trimesters / 0.5 credit

Satisfies: 0.5 CWP / SS choice

This course examines World History from 1450–Present. With a focus on historical social, political, and economic issues related to various regions of the world such as Africa, Latin America, Far East Asia and the Middle East and the implications of these events on the present. Project based learning includes opportunities to focus on the history of a significant region, culture, historical event, person, or invention through an ongoing personal research project.

National History Day is embedded in this course.

Sociology

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 CWP/SS choice

This course is an introduction to the basic principles of sociology – the study of social patterns of groups in society. Major themes may include culture, groups, collective behavior, and social problems. Sociology also emphasizes the role of various social institutions in our present-day society.

SOC 107 Principles of Sociology

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 1.0 credit

Satisfies: 1.0 CWP/SS choice

CiHS: CWU 5 college credits

An introduction to the basic concepts and theories of sociology with an emphasis on the group aspects of human behavior. Identify basic principles and institutions that underlie the cultures and traditions of groups, organizations, societies, or nations. Describe theories about individuals, social

processes, social networks, or the relationships between individuals and society. Explain and apply diverse empirical methods to investigate and analyze individuals, groups, or societies.

Human Geography

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 CWP/SS choice

This course explores the historical diffusion and contemporary spatial distribution of cultures, religions, and languages. It introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications.

GEOG 208 Our Human World

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 1.0 CWP/SS choice

CiHS: CWU 5 college credits

Explores the historical diffusion and contemporary spatial distribution of cultures, religions, and languages. Evaluates how these features interact with economic and political systems to create distinctive places at scales ranging from local to global.

Modern U.S. History A&B

Prerequisite: None

Open to: Grade 11

Length: 2 Trimesters / 1.0 credit

Satisfies: 1.0 US History

In U.S. History, we examine the development of our nation's character, government, and ideals, then focus on the major turning points in American history since 1865. We trace the historical causes of

the major social and economic issues of the 20th and early 21st centuries. Students analyze the ways our rights and ideals have been advanced or violated through these crises. We look at America's role as a world power and its continuing impact on world events. We also look at how workers, immigrants, people of color, and women have sought equal rights and ask how the United States fulfills its pledge of "liberty and justice for all".

U.S. Government

Prerequisite: None

Open to: Grade 12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Civics

This course examines the key ideals and principles of the United States as established in the Declaration of Independence, the Constitution, and the Bill of Rights. Students understand the structure of the federal and state governments and leaders' powers and limits. They examine their rights and responsibilities as citizens in a democracy and the power they can exercise through elections and ballot measures. They look at several current issues our government faces regarding economics, racial justice and the environment, and consider our leaders' policy options.

SOCIAL STUDIES ELECTIVES

PSYC 100. General Psychology

Prerequisite: None

Open to: Grade 12

Length: 1 Trimesters / 1.0 credit

Satisfies: 1.0 Social Studies Elective

CiHS: EWU – 5 college credits a BACR for social sciences.

A general introduction to psychology as the scientific study of behavior and thought; an overview of the areas of psychology and their development; methods in psychology; biological, sensory and developmental influences on behavior; physiological and cognitive components of behavior; theories of learning; a survey of theories of normal and abnormal behavior; principles of psychotherapy; personality theory and testing; and social influences.

Modern East Asian History

Prerequisite: None

Open to: Grade 12

Length: 1 Trimesters / 1.0 credit

Satisfies: 0.5 Social Studies Elective

This course explores the dynamic history of East Asia from the late 19th century to the present. We will examine the major political, social, and economic transformations in China, Japan, Korea, and other regions. Key topics include the impact of Western imperialism, the rise of nationalism, the effects of World War II, the Cold War era, and the rapid modernization and globalization of East Asian societies. Through a combination of lectures, readings, and discussions, students will gain a comprehensive understanding of the historical forces that have shaped contemporary East Asia.

CAREER & TECHNICAL EDUCATION

Students must earn a minimum of 2.0 credits Career and Technical Education. CTE courses may also fulfill electives and may replace required coursework as Personal Pathway Requirements.



IT202 Change Technology Skills

Prerequisite: None
Open to: Grade 9
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ. Ed.
CiHS: CWU 3 College Credits

Students will learn to maximize software applications and collaborative tools to support community and civic pro-projects. Emphasis on using technology to facilitate project design, organization, communication, presentation, and building stakeholder support. This course is an advanced Microsoft 365 course. Students have the opportunity to receive Microsoft certification in Outlook, Word, Word Expert, Excel, Excel Expert, and/or Access. This is a College in the High School class from CWU and can be taken for 4 college credits. *Successful completion of this course will meet the KSD Computer Competency requirement for graduation.*

Pre-Engineering A

Prerequisite: None
Open to: Grade 9
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE/Occ. Ed

Engineering Technology courses provide students with the opportunity to focus on one or more areas of industrial technology. During the course students will emulate real world engineering as they think to solve problems and communicate what they are thinking. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology. Students will design and build prototypes as working models for science inquiry, data gathering, analysis, documentation and dissemination of results. Topics covered in the course include the nature of technology, use of technology, and the design processes.

Computer Science

Prerequisite: None
Open to: Grade 9
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ. Ed.

No prior experience or knowledge required! Exploring Computer Science is designed for students who are curious about Computer Science and programming. Throughout the course, students will develop problem-solving skills by learning to approach computing challenges systematically and become more comfortable trying out new computer tools. Students will explore writing simple graphics-based programs. This course is designed to introduce students to basic programming concepts and is the first course in the computer Science Pathway. Students will have the ability to take more in-depth computer science courses in the future.

Pre-Engineering B

Prerequisite: None
Open to: Grade 11
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ. Ed

Electricity/Electronics course offers instruction in the theory of electricity and its relationship to magnetism as well as terminology, fabrication skills, and safety procedures. Topics include (but are not limited to) Ohm's law, electrical equipment, series and parallel circuits, purpose and function of electronic components, introduction to transistor theory as well as career exploration. Project work will include electric motors, light bulbs and electronic power supplies, as well as an introduction to robotics.

Computer Science II

Prerequisite: None

Open to: Grade 11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 CTE / Occ. Ed.

In this class, you will deepen your computer science and programming skills by working with software and embedded systems. After a short refresher on Python, Arduino basics, and circuit wiring, you will design and complete an independent project that demonstrates mastery of advanced computer science standards. Projects may take many forms: a computer-based program, app, or game, or they may incorporate Arduino microcontrollers or Raspberry Pi computers. The goal is to choose a project that matches your skills while challenging you to grow.

Health

Prerequisite: None

Open to: Grade 11 (starting 2027-2028)

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Health

Health is the application of biology to the human body. During this course students will reflect on their personal health habits and the impacts of personal choices on future health outcomes. Students will research topics such as nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention and immune system functions, sexual health topics, reproductive health, personal development and community resources. *Students who choose Running Start will take Health through CBC.*

Career Choices

Prerequisite: None

Open to: Grade 11

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 CTE / Occ. Ed. – Financial Literacy

Career Choices is an exploratory, project-based course offered to students interested in completing an internship. Topics covered include career readiness, decision making strategies, project management, and workplace skill development.

CTE ELECTIVES

CMST203 Intro to Leadership

Prerequisite: None

Open to: Grade 10-12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Occ. Ed

CiHS: EWU 3 College Credits

The Leadership Class at Delta High School strives to create positive connections among students and staff. Our student leaders are enthusiastic about making a difference in the lives of their fellow classmates. An

introduction to basic leadership skills, this course will cover models in a variety of areas such as communication, decision making, problem solving, time management, conflict resolution and ethics.

Robotics

Prerequisite: None

Open to: Grade 10-12

Length: 1 Trimester / 0.5 credit (can be taken more than one Trimester)

Satisfies: 0.5 CTE / Occ. Ed

In this class, you will use robotics to tackle real-world problems. You will identify a challenge in the school or community, then design, build, and program a robot that provides a solution. Students will have access to Arduino microcontrollers, RVR robotics kits, and 3D printing resources. You will learn how to combine coding, engineering, and creativity by designing machines that make life easier or more efficient. This is a hands-on, project-based course. Students will be expected to collaborate, problem-solve, and think like engineers.

CTE Yearbook

Prerequisite: None

Length: 1 Trimester / 0.5 credit (can be taken more than one Trimester)

Open: 10 -12

Satisfies: 0.5 CTE / Occ. Ed.

Students will learn journalistic skills and marketing skills to produce the school yearbook. This production-based course requires both in class and after-school commitments. Students are required to sell advertising to help support the printing costs of the yearbook. Students will apply desktop publishing, photography, and layout design skills to produce the high school yearbook. Yearbooks require students to attend events outside of the school day. Students must be able to work with others, show reliability and meet deadlines. Students will conduct interviews with students and staff members and create content for the yearbook. This class may be repeated for credit.

Environmental Science

Prerequisite: None

Open to: Grade 11, 12

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Science

Your daily choices impact the environment – from the energy you use to food choices. Global challenges like climate change and pollution can feel overwhelming, science shows us that individuals and communities can make meaningful change. By understanding how Earth's systems work and learning how to separate strong science from misinformation, you'll be empowered to protect the planet's balance.

Computer Gaming & Design

Prerequisite: None
Open to: Grade 11, 12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ Ed.

Computer Gaming is an exploratory, project-based course offered to students interested in game design, including facets of story elements, graphic art, and programming.

Medical Terminology

Prerequisite: None
Open to:
Grade 10 -12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 Elective

Medical Terminology is a program designed to help learn health care language and vocabulary for accurately describing the human body and associated components and process in a science-based manner. This systematic approach to word building and term comprehension is based on the concept of word roots, prefixes and suffixes.

Anatomy and Physiology

Prerequisite: None
Open to: Grade 10 -12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 Elective

This course is a high school elective designed for students interested in understanding the structure (anatomy) and function (physiology) of the human body. We'll explore the body's systems, from the microscopic level of cells and tissues to the macroscopic level of organs and organ systems. Through hands-on activities, labs, and discussions, you'll gain a deeper appreciation for how the body works and how all its parts work together to maintain health.

CMST241 Event Planning & Logistics

Prerequisite: None
Open to: Grade 10 - 12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ Ed.
CiHS: EWU 3 College Credits

Students learn about the varying aspects of professional event planners, what it takes to be a successful event planner, as well as the processes used to design, plan, and execute a variety of different events. This class provides instruction on the basic structure of event planning, design, marketing, execution and evaluation, as well as basic business and employment skills necessary to be successful in the event industry.

CYBER101 Cybersecurity Fundamentals

Prerequisite: None
Open to: Grade 11, 12
Length: 1 Trimester / 1.0 credit
Satisfies: 1.0 CTE / Occ. Ed.

This Foundations of Cybersecurity course transition students from digital literacy to professional defense through a rigorous, hands-on curriculum. Participants will explore the technical and ethical landscape of the "Cyber World," mastering topics ranging from personal "netiquette" and social engineering prevention to complex network architecture. Through interactive labs in a Cyber Range, students will practice defending against DDoS attacks, configuring firewalls, and utilizing tools like Kali Linux and Wireshark. By analyzing real-world breaches and mapping potential careers via the CISA Career Pathways Tool, students will gain the high-demand skills necessary to secure home networks and advise small businesses on robust security policies.

Materials Science Technology

Prerequisite: None
Open to: Grade 11, 12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 Science

This course looks at materials all around us by examining them in simple yet unique ways. Students will have the opportunity to work with various raw materials, which may include glass, ceramics, alloy metals, polymers, and composites from raw materials using modern laboratory equipment. Students will be able to question, observe, create, build projects, and experiment. Guest speakers will provide career information or demonstrations to broaden understanding of materials science.

*This is a laboratory-based course.

Advanced Engineering

Prerequisite: Pre-Engineering and Drafting and Design
Open to: Grade 12
Length: 1 Trimester / 0.5 credit
Satisfies: 0.5 CTE / Occ. Ed.

In this course students will apply principles of CAD design and builds on computer solid modeling skills developed in Pre-Engineering and Drafting and Design courses. Students use technology, including 3D printers, to produce actual models of 3-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included. This course provides students the opportunity to complete an investigative project connected to their individual post-high school plans. Each student will focus on a personal area of interest within the field of engineering.

Work-Based Learning

Prerequisites: Qualifying CTE course in same area as internship placement: Student must be on track to graduate.

Open to: Grade 12

Length: variable (1 – 3 Trimesters)

Satisfies: 0.5 – 2.0 CTE / Occ. Ed. Or Elective

Work-Based Learning is an opportunity for students to complete a short-term internship in a placement directly related to their program of study. Internships allow students to make connections between real-world experiences and related course work while exploring future career options. Internship placements must be related to a previous CTE course a student has completed or is completing and connected to their post-graduation plans. Internships may be extended or multiple internships may be completed for more credit. Every 180 hours = 0.5 credit.

FINE ARTS

Students must earn a minimum of 2.0 credits in Fine Arts. 1.0 Fine Arts credit may be replaced by a Personalized Pathway Requirement. May also fulfill elective credits.

Architectural Drafting & Design A

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Fine Art / CTE

This course will explore the 2D aspects of Architectural Design including Floor plans, Elevations, Sections and Foundation plans. Students will work in groups to design a simple house plan for Habitat for Humanity. Students will be introduced to Universal Building Codes, LEED building requirements, sustainability concepts, and aesthetic design. Students will work in teams to create working building plans.

Architectural Drafting & Design B

Prerequisite: Architecture Design A

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Fine Art / CTE

Students will continue their architecture exploration and dive into 3D concepts and idea presentation. Students will create 3D models and create realistic views of architectural buildings. Students will learn concepts of 3D modeling, rendering, materials, and realistic lighting.

3D Modeling & Engineering Design A

Prerequisite: None

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Fine Art / CTE

Students will explore various forms of 3D modeling software, including TinkerCAD, OnShape, and 3D AutoCAD. Students will learn how the different programs are similar, and the common commands and functions. Students will also learn how to operate a 3D printer, the different types of additive manufacturing, and learn best 3D printing practices.

3D Modeling & Engineering Design B

Prerequisite: 3D Modeling A

Open to: Grade 10

Length: 1 Trimester / 0.5 credit

Satisfies: 0.5 Fine Art / CTE

A continuation of 3D modeling, students will use 3D Studio MAX to create animation shorts. We will explore the history of animation and 3D animation and the impact on entertainment and marketing. Students will use industry concepts like flipbooks and storyboarding to create short animations.

DESN216 Digital Foundations

Prerequisite: None

Open to: Grade 10

Length: Trimester / 0.5 credit

Satisfies: 1.0 Visual Arts

CiHS: EWU – 5 college credits

Introduction to media design and digital culture using computer software for the creation and manipulation of images and text, file management, and preparation for print, web, or multimedia uses.

WORLD LANGUAGE

Students must earn a minimum of 2.0 credits in World Languages. Students planning on attending a 4-year university after high school must take 2 credits of consecutive levels of the same foreign language. Some universities prefer or require 3 credits of consecutive levels of the same foreign language. Students are encouraged to consult the entrance requirements for colleges/ universities they are interested in attending.

Spanish 1A

Prerequisite: none
 Length: 1 Trimester / 0.5 credit
 Open to: Grade 9
 Satisfies: 0.5 World Language

Introduction to the Spanish language including conversational skills, reading, writing and grammar, and Hispanic culture including geography, customs, daily life, and heritage. Designed for the novice learner of Spanish, with little or no proficiency in the Spanish language.

Spanish 1B

Prerequisite: Spanish 1A
 Length: 1 Trimester / 0.5 credit
 Open to: Grade 9
 Satisfies: .0.5 World Language

Continued introduction to the Spanish language including conversational skills, reading, writing, grammar, Hispanic culture including geography, customs, daily life, and heritage.

Spanish 2A

Prerequisite: Spanish 1B
 Length: 1 Trimester / 0.5 credit
 Open to: Grade 9
 Satisfies: 0.5 World Language

Extensive practice in all four language skills (reading, writing, speaking, and listening). The course includes cultural readings and short stories and an in-depth review of basic Spanish grammar, expansion of basic vocabulary, and a broadening of the student's understanding.

Spanish 2B

Prerequisite: Spanish 2A
 Open to: Grade 10 & 12
 Length: 1 Trimester / 0.5 credit
 Satisfies: 0.5 World Language

Introduction to the Spanish language including conversational skills, reading, writing and grammar, and Hispanic culture including geography, customs, daily life, and heritage.

Spanish 3A

Prerequisite: Spanish 2B
 Length: 1 Trimester / 0.5 credit
 Open to: Grade 10 & 12
 Satisfies: 0.5 World Language

Continued introduction to the Spanish language including conversational skills, reading, writing, grammar, Hispanic culture including geography, customs, daily life, and heritage. *Designed for the student who plans to attend a university needing 3 years of World Language.*

Spanish 3B

Prerequisite: Spanish 3A
 Length: 1 Trimester / 0.5 credit
 Open to: Grade 10 & 12
 Satisfies: 0.5 elective

Extensive practice in all four language skills (reading, writing, speaking, and listening). The course includes cultural readings and short stories and an in-depth review of basic Spanish grammar, expansion of basic vocabulary, and a broadening of the student's understanding.

SPAN 201. Intermediate Spanish & Culture.

Prerequisites: Passing Score on the Spanish STAMP assessment
 Length: 1 Trimester / 1.0 credit
 Open to: Grade 9 - 12
 Satisfies: 1.0 World Language
 CiHS: EWU 5 college credits

Students will develop the ability to communicate in Spanish at the intermediate/advanced ACTFL level, both orally and in writing. Students will also broaden their cultural awareness and critical thinking skills as they study, discuss, read and write about global and local themes depicted in authentic literature, film, art, podcasts and other cultural products. Students will use Spanish creatively in daily discussions and also when engaged in presentational, writing and real-world tasks.

Satisfies a BACR for humanities and arts at the college level.