



Washington Youth Academy

COURSE DESCRIPTIONS

Session 2020-02

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
01992	N/A	ENG 241	English Proficiency Development	English proficiency development course designed to assist students in acquiring the skills necessary to pass state and national proficiency examinations. These skills are aligned with the Grade Level Standards in Reading and Writing for the State of Washington.	1.0	B	Sternod
01009	N/A	ENG 242	Language Arts Laboratory <i>(for students that passed ENG 241)</i>	This course provides instruction in basic language skills, integrating reading, writing, speaking, and listening, while placing great emphasis on the progress of individual students. Course content depends upon students' abilities and may include vocabulary building, improving spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension abilities.	1.0	B	Sternod
02997	N/A	MAT 130	Mathematics – Independent Study <i>(courses above Pre-Algebra level)</i>	This course serves as an opportunity for students to expand their expertise in mathematics applications and to develop more advanced mathematics skills. Under the supervision of a certificated teacher, students complete work independently in Khan Academy mathematics software, using computer tablets, or by working through an approved textbook. The session-end grade report reflects the mathematics skill level the student attained/demonstrated (Algebra I, Geometry, Algebra II or higher-level math appropriate for cadet based on credits and skill proficiency). <i>Cadets from 2020-1 may be re-enrolled in this course to finish incomplete coursework.</i>	1.0	B	Clark

Note: Cadets are enrolled in up to 1.0 credit of math this session.

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
02047	N/A	MAT 110	Mathematics – Independent Study Pre-Algebra	This course serves as an opportunity for students to develop foundational mathematical skills in preparation for higher-level mathematics. Under the supervision of a certificated teacher, students complete work independently in Khan Academy mathematics software, using computer tablets, or by working through an approved textbook. <i>Cadets from 2020-1 may be re-enrolled in this course to finish incomplete coursework.</i>	1.0		Clark
02051	N/A	MAT 131	Pre-Algebra Semester 1	The Pre-Algebra course increases students' foundational mathematics skills and prepares them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.	0.5		W. Clark
02051	N/A	MAT 132	Pre-Algebra Semester 2	The Pre-Algebra course increases students' foundational mathematics skills and prepares them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.	0.5		W. Clark

Note: Cadets are enrolled in up to 1.0 credit of math this session.

October 21, 2020

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
02052	N/A	MAT 230	Algebra 1 Semester 1	The Algebra I course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.	0.5		W. Clark
02052	N/A	MAT 231	Algebra 1 Semester 2	The Algebra I course includes the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first-degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.	0.5		W. Clark
02056	N/A	MAT 240	Algebra 2 Semester 1	The Algebra II course topics may include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.	0.5	(B)	W. Clark

Note: Cadets are enrolled in up to 1.0 credit of math this session.

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
02056	N/A	MAT 241	Algebra 2 Semester 2	The Algebra II course topics may include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher-degree equations; and operations with rational and irrational exponents.	0.5	(B)	W. Clark
02072	N/A	MAT 330	Geometry Semester 1	The Geometry course emphasizes an abstract, formal approach to the study of geometry, and typically includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.	0.5	(B)	W. Clark
02072	N/A	MAT 331	Geometry Semester 2	The Geometry course emphasizes an abstract, formal approach to the study of geometry, and typically includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.	0.5	(B)	W. Clark

Note: Cadets are enrolled in up to 1.0 credit of math this session.

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
03058	N/A	SCI 260	Botany with Lab	Course provides students with an understanding of plants, their life cycles, and their evolutionary relationships.	1.0	B	Lundberg
11103	100202	CTE 450	Video Production Technology	The Video Production Technology course provides students with the technical knowledge and skills to produce television-related video programming and related operations. Students prepare and produce short programs. Includes instruction in camera operation and maintenance, audio, directing, and pre- and post-production techniques. Use of non-linear editing software, music editing and basic story production. <i>(Note: This course qualifies as a visual arts credit.)</i>	0.5	B	Glomstad
11103	100202	CTE 451	Video Production Technology 2	This course is for students that have passed CTE 450. It affords students the opportunity to utilize and expand technical knowledge and skills learned in first semester Video Production Technology. <i>(Note: This course qualifies as a visual arts credit.)</i>	0.5	B	Glomstad
04064	N/A	SST 410	Contemporary World Issues	Course enables students to study political/economic/social issues facing the world. The course may focus on current issues, examine selected issues throughout the 20 th century, and look at historical causes or possible solutions. Course includes a Civics component. Students take the U.S. citizenship test.	0.5	B	Lundberg
22104	N/A	CTE 421	Community Service	Provides students with the opportunity to volunteer their time, energy, and talents to serve a community project or organizations. Students use volunteer experiences to learn how to solve problems, make decisions, and communicate effectively.	0.5		Lundberg

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
21009	150406	CTE 430	Robotics Foundations	Robotics Foundations is an interdisciplinary course that incorporates elements of science, math and technology, design, teamwork and competition. Students learn how to take an initial idea through the design, development, construction, and evaluation cycle. Specific skills are gained in brainstorming, teamwork, and teambuilding, computer design, prototyping, construction, and self-evaluation. Projects may include robotic arms, computer/robotic programming, specific task-oriented robots, and walking robots. Projects/competition affords students the opportunity to test their creativity, knowledge, and skill.	1.0		Evans
22151	N/A	JLS 235	Career Exploration	This course helps students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. The course exposes students to various sources of information on career and training options and assists them in developing job search and employability skills.	0.5		Capps
19262	N/A	JLS 440	Personal Finance	This course emphasizes the fundamental skills one needs to be financially fit. Students learn how to make money work for them. Students complete the class with an individual financial plan for savings, investing, avoiding debt, understanding credit, budgeting, assessing insurance needs, and general money management skills. <i>(Note: this course does not qualify as a math credit.)</i>	0.5		Brownell

State Course ID	CTE CIP Code	W.Y.A. Course ID	Title	Description	Cr.	Type B = CADR	Teacher
08057	N/A	HED 425	Health and Life Management	The Health and Life Management course focuses on consumer education and personal health topics (such as nutrition, stress management, drug/alcohol abuse prevention, and disease prevention). Course objectives include helping students develop decision-making, communication, interpersonal, and coping skills and strategies.	0.5		Neyman
08005	N/A	FIT 210	Personal Fitness	This class introduces students to the components of fitness and conditioning, principles of weight training, and personal goal setting. Students engage in conditioning activities that develop muscular strength, flexibility, and cardiovascular fitness. Personal fitness levels are regularly assessed by means of the BMI (Body Mass Index) and President's Personal Fitness Test (PPFT).	1.0		Neyman
22003	N/A	GEN 250	Success U	The Success U course prepares students for success in high school and/or for postsecondary education. Cadets are introduced to various study and social-emotional skills. Course topics include organization, time management, work completion, planning, test-taking, computer use, study techniques, active listening, task initiation, and social-emotional skills.	0.0		Capps

ADDITIONAL INFORMATION:

Washington Youth Academy classes are standards-based and approved by the Office of the Superintendent of Public Instruction (OSPI).

CEDARS District Code 34979: Washington Military Department

CEDARS School Code 5302: Washington Youth Academy,

- The core classes align to Washington State standards:
 - English and Math courses are aligned to the common core standards.
 - Science is aligned both to Washington State standards and Next Generation Science Standards (NGSS).
- The Washington Youth Academy has received CTE course approvals from OSPI for the Career and Technical Education courses that carry a CIP code.
- The High School and Beyond Plan is a document that students work on throughout their high school experience. WYA awards a High School and Beyond Plan completed designation on the final grade report to senior-level students that meet a culminating standard on this graduation requirement and have otherwise met all requirements for graduation.