

# Emerson High School



## Lake Washington School District Vision Statement

*Every Student Future Ready*

*Prepared for College, Prepared for the Global Workplace,  
Prepared for Personal Success*

## Emerson High School Guiding Principles

To achieve this mission, we dedicate ourselves to the following guiding principles:

- We will provide a challenging and engaging curriculum.
- We will provide a safe, healthy, orderly and trusting climate which supports strong relationships between adults and students.
- We will engage our community as partners in learning.
- We will provide the foundation and learning necessary for students to access post secondary education.

## Emerson High School

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## Lake Washington School District

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# CONTENTS

## Emerson High School 2022-23 course catalog

Visions and Guiding Principles	2
Grading Policy and Bell Schedules	4
English	5
Social Studies	6
Mathematics	7-8
Science	9
Fine Arts	10-11
Career and Technical Education	11-13
WANIC	13
Worksite Learning, Advisory/Core & Other Additional Learning Opportunities	14
Senior Core - Personal Finance and Career Choices	14
Special Education	15
Learning Center	16
Running Start	17
Important Websites	18
Educational Planning Resources / Four Year Planner	19

### General District Information

District Graduation Requirements	A1/20
Advanced Placement (AP)	A2/21
Career & Technical Education (CTE)	A2/22
CADR courses	A3/23
High School Credit for Courses Taken in Middle School	A3/23
LWSD Online Courses	A4/24
Physical Education Credit Options	A4/24
Running Start	A4/24
Seven Period Schedule	A5/25
Tesla STEM School Signature Programs	A5/25
World Language Credit Options	A5/25
WANIC	A3, A6/23, 26
Minimum College Admission Standards (CADR)	A7-A8/27-28

## Grading Policy

Emerson High School uses a standard-based system for students to earn credit. Each session, students are provided the learning target to be assessed. Students who demonstrate proficiency on the assessment at the end of each session receive credit. Students must pass the session in order to earn a .125 credit in any given course. Typically a student could earn up to one credit per class in a year. No credit under .125 will be given.

Grades are assigned as follows:

A	Exceeds standard
B	Above standard
C	At standard
N	Student has not reached proficiency

## Opportunities for Credit Retrieval

Students who demonstrate strong independent study habits, may enroll in independent classes and/or take additional courses through Learning Center, which is offered Monday through Friday, first and second periods and Tuesday and Thursday evenings, from 4:00-7:00 p.m. (Times subject to change.)

All eligible LWSD students may enroll in WANIC or Running Start.

Work study credit is also available for students who are employed and complete the required paperwork.

Students who are not making adequate progress (passing classes, earning credit, and attending meetings) for two sessions in a row, may be placed on probation and subsequently withdrawn if interventions are not successful in helping students make adequate progress.

At Emerson, this means that students who don't attend classes and meetings with advisors, don't pass classes and don't participate in intervention/support programs to meet standards on summative assessments, may be withdrawn from the program.

## Bell Schedules

PERIOD	M, T, TH, F	WEDNESDAY
Period 1	8:00 – 8:55	8:00 – 8:45
Period 2	9:00 – 9:50	8:50 – 9:35
Period 3	9:55 – 10:40	
Period 4	10:45 – 11:35	9:40 – 10:25
Lunch (M, T, TH, F)	11:35 – 12:05	
Period 5	12:10 – 1:00	10:30 – 11:15
Lunch (W)		11:15 – 11:40
Period 6	1:05 – 1:55	11:45 – 12:30
Period 7	2:00 – 2:50	12:35 – 1:20

As part of their four-year program of study, all students are expected to register for and take seven credit-bearing courses each semester. A senior who is on track to satisfy all credit requirements for graduation may complete an application for Early Dismissal or Late Arrival. Requests for a class schedule with less than seven credit-bearing courses will be reviewed by an administrator. Possible exceptions to the seven-class requirement are:

- Employment
- Medical need (with documentation)
- Educational opportunities outside the school/district consistent with the student's High School and Beyond Plan.

A class schedule with less than seven credit-bearing courses will only allow for a late arrival or early dismissal, not both. It is necessary to gain approval from the student's counselor, principal and parents for late arrival or early dismissal.



Please see page A1 for graduation requirements for all courses.

## English 9 – NEN121-128

Credit: 1.0/1 year

CADR

### Prerequisites/Fees

None

### Course Description

This course covers all aspects of language arts appropriate for freshmen including reading (fiction, nonfiction, drama, poetry, short stories, short novels, and elements of all genres), writing (persuasive, expository, descriptive, creative, poetry, research, editing), grammar (parts of speech, punctuation, capitalization, sentence structure), vocabulary (Greek and Latin roots), spelling, and oral presentations.

## English 10 – NEN221-228

Credit: 1.0/1 year

CADR

### Prerequisites/Fees

None

### Course Description

Students read poetry, short stories and a novel as vehicles to explore the elements of literature. Students focus their attention on expository writing and persuasive writing, and will become more sophisticated in their use of the writing process: paragraph structure, utilizing outside resources and developing strong thesis statements. By the end of tenth grade, students are able to employ both reading strategies and the writing process independently in their studies.

## English 11 – NEN321-328

Credit: 1.0/1 year

CADR

### Prerequisites/Fees

None

### Course Description

This course provides support for students to develop the reading and writing skills assessed by the state test. Students focus on their individual skills identified as not proficient and are given periodic assessments to track progress. They work with predominately American literature to get at the reading strands and their work is assessed based on the state test rubrics for reading and writing.

## English 12 – NEN421-428

Credit: 1.0/1 year

CADR

### Prerequisites/Fees

None

### Course Description

In this course, students develop their sophistication as readers of literature. Students read mainly contemporary American fiction. Students develop reading and analysis skills and work on writing literary analyses and persuasive essays.

## Film as Literature – NEN535-538

Credit: .5/1 semester

CADR

### Prerequisites/Fees

None

### Course Description

This one semester course will examine the strategies filmmakers use to tell stories. Students will view movies to examine both literary and technical aspects of filmmaking, including characterization, narration, camera work, and set design. Students will be expected to write critical responses, participate in seminar-based discussions, and deliver presentations analyzing films viewed in class. Because the film viewing and assessments will be done in class, good attendance and participation are essential. The films in this course range from “PG” to “R.”

## Journalism – NEN631-634

Credit: .5/1 semester

CADR

### Prerequisites/Fees

None

### Course Description

In this class we will study the processes and rules of journalism while focusing on modern forms of long- and short-form print and video journalism. We will conduct research, interview subjects, and create and edit content. We will also study outstanding examples of journalism and see the effect good journalism can have on society.

## Creative Writing – NEN611-614

Credit: .5/1 semester

CADR

### Prerequisites/Fees

None

### Course Description

This course is for students who have an interest in writing. This course is designed for students in grades 10, 11, and 12 who care about and are invested in writing, who desire to grow as writers, and who are willing to explore, revise, and share their work. Throughout the semester the class will write in a variety of forms, and importantly, write every day.

Please see page A1 for graduation requirements for all courses.

## **Contemporary World Problems - NS0221-228**

**Credit: 1.0/1 year**

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

The class focuses on the civics, economics, geography and history of Europe, the Middle East and Africa.

## **U.S. History - NS0321-328**

**Credit: 1.0/1 year**

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

This course focuses on economics, social, political and cultural issues, as well as major events in the history of the United States from 1900 to the present.

## **Civics - NS0521-524**

**Credit: .5/1 semester**

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

This course presents the basic principles of government and of the governing process, fundamentals of democracy and contrasting systems of government; the economy and institutions of government and public policy as related to regional, national and global events. This course provides the knowledge, understanding, values and behaviors necessary to support individual responsibility in a democratic society and global awareness.

## **Washington State History (Learning Center Course) - SOC059**

**Credit: .5/1 semester**

Meets state history requirement

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

Students examine the history, geography, culture, economy and events of Washington state.

## **Psychology 1 - NS0651-658**

**Credit: 1.0/1 year**

Meets social studies elective or elective requirement

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

Students explore the nature of human behavior from a social science point of view. Through readings and class discussion, students attempt to explain why people act the way they do. Topics include consciousness, intelligence and memory, behavior modification, personal and moral development, theories of personality, psychological disorders, and social interaction. An emphasis is placed on self-exploration, and students gain a greater understanding of their personality traits and those of others. Students discover strategies for coping with stress and change in modern society. Most assigned work can be completed during class time.

## **World Geography - NS0701-704**

**Credit: .5/1 semester**

**CADR**

**Prerequisites/Fees**

None

### **Course Description**

Provides students with an overview of world geography; topics typically include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

## **Business and Personal Law - CDS635-638**

**Credit: .5/1 semester**

Meets social studies elective or occupational requirement

**CTE Dual Credit**

**Prerequisites/Fees**

None

### **Course Description**

Business and Personal Law is a study of basic legal principles common to a broad base of everyday business and personal activities. Students gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They work to gain an understanding of basic legal vocabulary. The course includes an understanding of the court system at the local, state and national level. Students study contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships and the regulations governing different types of business organizations.

Please see page A1 for graduation requirements for all courses.

## **Algebra 1 - NMA241-248**

Credit: 1.0/1 year

CADR

## **Algebra 1 (Independent Study) - ISM241/ISM242**

Credit: variable

CADR

Prerequisites/Fees

None

District Adopted Curriculum: Big Ideas Algebra 1

### **Course Description**

Algebra 1 formalizes and extends the mathematics that students learned in the middle grades. The course focuses on five critical areas: (1) develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities, and simple exponential functions, and using them to solve problems; (2) compare and contrast linear and exponential functions, translate between different representations, use function notation, and interpret arithmetic sequences as linear functions and geometric sequences as exponential functions; (3) using regression techniques to describe linear relationships quantitatively and make judgments about the appropriateness of linear models; (4) extend the laws of exponents to rational exponents, see structure in and create quadratic and exponential expressions, and solve equations, inequalities and systems of equations involving quadratic expressions; and (5) compare quadratic, linear, and exponential functions to model phenomenon. They also identify the real solutions of quadratic equations as the zeroes of a related quadratic function and expand their experience to more specialized functions – absolute value, step, and those that are piecewise-defined. The Mathematical Practice Standards apply throughout the course, and together with the content standards allow students to experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

## **Geometry - NMA321-328**

Credit: 1.0/1 year

CADR

## **Geometry (Independent Study) - ISM321/ISM322**

Credit: variable

CADR

Prerequisites/Fees

Should have completed Algebra 1

District Adopted Curriculum: Big Ideas Geometry

### **Course Description**

In Geometry, students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The course focuses on six critical areas: (1) using previous experience with rigid motions, students develop notions about what it means for two objects to be congruent, establish triangle congruence based on these rigid motions along with formal constructions, and use this as a familiar foundation for the development of formal proof, solving problems and proving theorems about triangles, quadrilaterals, and other polygons; (2) build a formal understanding of similarity, using earlier experience with dilations and proportional reasoning, and apply similarity to right triangle trigonometry and the Pythagorean Theorem, and use the Laws of Sines and Cosines to find missing measures; (3) work with the geometry of two- and three-dimensional objects, as well as shapes of cross-sections and the result of rotating a two-dimensional object about a line; (4) build on the previous work with the Pythagorean Theorem to find distances and use a rectangular coordinate system to verify geometric relationships, including properties of special right triangles and quadrilaterals, slopes of parallel and perpendicular lines, and the connection of geometric and algebraic definitions of the parabola; (5) prove basic theorems about circles, and use coordinate geometry to find equations of circles and determine intersections between lines and circles or parabolas, or between two circles; and (6) compute and interpret theoretical and experimental probabilities of compound events to make informed decisions, and make use of geometric probability models whenever possible. The Mathematical Practice Standards apply throughout the course, and together with the content standards allow students to experience math as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations. \*See information on End of Course exams above.

## **Algebra 2 - NMA261-268**

Credit: 1.0/1 year

CADR

## **Algebra 2 (Independent Study) - ISM261/ISM262**

Credit: variable

CADR

### **Prerequisites/Fees**

Should have passed at least one semester of Algebra 1 and have taken one semester of Geometry.

### **Course Description**

Explores mathematical concepts that go beyond the scope of an Algebra 1 class. Algebra 2 bridges high school mathematics to upper level mathematics that students may take in college. Students planning on pursuing higher education after high school should take Algebra 2. Concepts that are covered: functions, exponents, logarithms, sequences, radicals, polynomials and others. Daily homework, weekly quizzes and session assessments are core components of the class. \*See *information on End of Course exams above*.

## **Math Analysis (Learning Center Course) - NMA511-518**

Credit: 1.0/1 year

CADR

## **Math Analysis (Independent Study) - ISM511/ISM512**

Credit: variable

### **Prerequisites/Fees**

Grade of "C" or better in both semesters of Algebra 2.

### **Requirement**

Graphing Calculator TI-84+. Teacher permission required.

District Adopted Curriculum: Precalculus with Limits 4e

### **Course Description**

This course prepares the student for further rigorous study in advanced mathematics. This class satisfies college entrance requirements for Math Analysis. One semester is the study of trigonometry; trigonometric functions, analytic geometry, polar coordinates, vectors, and related topics. The other semester is focused on both algebra and functions with special attention to polynomial, rational, exponential and logarithmic functions, composed and inverse functions, and techniques of graphing. Additional topics include sequences and series, conics, probability, and initial work with limits. A graphing calculator is required for this class. This course requires excellent study and homework habits. \*See *information on End of Course exams above*.

## **Financial Algebra - CDM261-268**

Credit: 1.0/1 year

Meets occupational or third year math requirements

CADR, CTE Dual Credit

### **Prerequisites/Fees**

Algebra 1 and Geometry

### **Course Description**

Financial Algebra provides an opportunity to apply mathematics to the management of money in everyday life. Students study topics such as linear and quadratics systems, exponential, logarithmic and piecewise functions, and regressions in the context of personal finance. Investigations take place under the financial umbrellas of investing, banking, credit, income taxes, insurance, and household budgeting. CTE (Career and Technical Education) employability and leadership standards are integrated throughout the curriculum. This course may be taken as a substitute for Algebra 2 as indicated in the student's High School and Beyond Plan and if a meeting between the student, parent/guardian, and school designee has taken place. Students need to see their counselor for additional details regarding Algebra 2 substitution. A State of Washington Career Skills Certificate in the area of Personal Financial Responsibility is available upon successfully registering and passing a Precision Exam in class, at the end of the year. \*See *information on End of Course exams above*.

Please see page A1 for graduation requirements for all courses.

## **Biology - NSC221-228**

**Credit: 1.0/1 year**

**CADR, Lab Science**

**Prerequisites/Fees**

None

### **Course Description**

Students learn to apply the scientific method to answer questions addressing a variety of subject areas. Students analyze and evaluate the developments in science and technology in relation to the needs of living things. Content in this course includes cellular biology, ecology, an introduction to botany, classification of living things, human anatomy, diseases and plagues, evolution, genetics and current events. A focus is also placed on reading and writing in the content area.

## **Environmental Science - CVC603-606**

**Credit: .5/1 semester**

Meets science or occupational requirement

**CADR, Lab Science, CTE (not Dual Credit)**

**Prerequisites/Fees**

None

### **Course Description**

Environmental Science is a multi-disciplinary course that expands our understanding of Earth, the complex issues facing our planet and the effects that humans have on the systems of the world. As a multi-disciplinary course, Environmental Science uses skills from numerous sciences including biology, chemistry, geology and ecology. This course covers issues ranging from ecosystems, air pollution and climate change, water pollution and drinking water, food sources, waste, population growth and sustainability. The class focuses on local issues and studying and proposing solutions to the environmental issues that we are learning about. Successful completion of this Environmental Science class provides students with science background skills, in addition to experience in critical thinking and problem solving.

## **Physical Science - NSC121-128**

**Credit: 1.0/1 year**

**CADR, Lab Science**

**Prerequisites/Fees**

None

### **Course Description**

The study of physical science is the study of the laws of the natural world. Physical science will incorporate concepts of physics, chemistry, earth and space science. There will be some math involved in this class. Physical science will be challenging, and you will learn a lot. A good understanding of physical science provides the perfect step before entering any other science class.

## **Food Science - CDC723-730**

**Credit: 1.0/1 year**

Meets science or occupational requirement

**CADR, CTE Dual Credit, Lab Science**

**Prerequisites/Fees**

Food handler's permit is required

### **Course Description**

Students integrate knowledge, skills and practices required for careers in food science, food technology, dietetics and nutrition. They learn to apply risk management procedures to food safety, food testing and sanitation, and evaluate nutrition principles, food plans, preparation techniques and specialized dietary plans. They then demonstrate use of current technology in food product development and marketing, and demonstrate food science, dietetics and nutrition management principles and practices. Weekly cooking lab participation is required and the class completes a formal lab report.

## **Marine Science 1 - CVC661-664**

**Credit: .5/1 semester**

Meets science or occupational requirement

**CADR, Lab Science, CTE (not Dual Credit)**

**Prerequisites/Fees**

None

### **Course Description**

Covers topics in oceanography and marine biology, including currents, tides, weather patterns, marine life with an emphasis on Puget Sound, marine ecology, and pollution/protection issues related to the oceans and Puget Sound. Lab work is highlighted.

## **Sustainable Design & Environmental Engineering - CDC671-678**

**Credit: 1.0/1 year**

Meets science or occupational requirement

**CADR, CTE Dual Credit, Lab Science**

**Prerequisites/Fees**

None

### **Course Description**

Provides a hands-on exploration of green and sustainable concepts that are a large part of the working world of the 21st century. Topics explored include defining sustainability, design of green buildings, auditing sustainable workplaces, solar and wind energy production, sustainable transportation, and green ecosystems. Hands-on activities and projects focus on engineering, design, and applications of science.

Please see page A1 for graduation requirements for all courses.

### **Photography 1 - NAR311-318**

**Credit: 1.0/1 year**

**CADR**

#### **Prerequisites/Fees**

\$35 per semester; film camera required

#### **Course Description**

Students explore black and white photography using a 35 mm camera, developing film, and printing photos. Students are introduced to digital photography. Students of all levels and experiences are challenged and learn new techniques. Art concepts and composition principles are investigated, as well as the history of photography. Students use photography as a medium for self expression.

### **Photography 2 - NAR321-328**

**Credit: 1.0/1 year**

**CADR**

### **Photography (Independent Study) - ISA301**

**Credit: variable**

**CADR**

#### **Prerequisites/Fees**

\$35 per semester; digital and film camera required; flash drive required

#### **Course Description**

Open to students with instructor consent. The course continues to develop and build on skills from Photography 1. Focus on camera shutter speeds and apertures for specific results, and as a means for self expression. Digital photography and Photoshop work continues, introducing more features in both.

### **Art 1 - NAR011-108**

**Credit: 1.0/1 year**

**CADR**

#### **Prerequisites/Fees**

\$25 per semester

#### **Course Description**

Students explore a variety of media and art concepts. Art production, appreciation and history are integral components of this course. Art as an expressive medium and therapeutic process is explored. Projects and activities also take into account student interests, experiences and ability.

### **Art 2 - NAR021-028**

**Credit: 1.0/1 year**

**CADR**

### **Art (Independent Study) - ISA991/ISA992**

**Credit: variable**

**CADR**

#### **Prerequisites/Fees**

\$25 per semester

#### **Course Description**

Open to students with instructor consent. Students in advanced Art 2 will pursue projects and media of their choice and be introduced to new ideas and media. Takes place in the Art 1 class and outside school on student's initiative. Art concepts, analysis, evaluation and

appreciation will parallel the Art 1 class.

### **Studio Art - NAR171-178**

**Credit: 1.0/1 year**

**CADR**

#### **Prerequisites/Fees**

\$25 per semester

Studio Art is designed to address a variety of factors and methods including evolving technologies when preparing and refining artwork for portfolio presentation and or when deciding if and how to preserve and protect art. Students will create, select, respond to, and present work that clearly reflects newly obtained technical skills, increasing conceptual thinking and is a reflection of their personal interests. This course may include individual critiques and peer review.

### **3D Design 1 - NAR761-778**

**Credit: 1.0/1 year**

**CADR**

#### **Prerequisites/Fees**

\$25 per semester

#### **Course Description**

Students develop skills in creative problem solving, visual communication, and personal expression. They explore a variety of media and art concepts with a focus on three-dimensional art. The following media are used in making jewelry and sculptures: glass, metal, clay, paper, found objects, alternative painting, and photo processes. Projects and activities also take into account student interests, experiences, and abilities. Art appreciation and art history are integral components in each project.

### **3D Design 2 - NAR771-778**

**Credit: 1.0/1 year**

**CADR**

#### **Prerequisites/Fees**

\$25 per semester

#### **Course Description**

Students continue to develop skills in creative problem solving, visual communication, and personal expression. They explore a variety of media and art concepts with a focus on three-dimensional art. The following media are used in making jewelry and sculptures: glass, metal, clay, paper, found objects, alternative painting, and photo processes. Projects and activities also take into account student interests, experiences, and abilities. Art appreciation and art history are integral components in each project.

### **Art History (Independent Study) - ISA901/ISA902**

**Credit: variable**

**CADR**

#### **Prerequisites/Fees**

None

#### **Course Description**

Art History is an eight-session, 1.0 credit class that covers the history of European and American art from the Renaissance through the 1970s. The course focuses on comparing major art works from the same time periods and cultures to one another and to art works from other cultures and time periods. Students will examine elements of the art itself and the historical influences on the art works. The course materials are accessed online but work is submitted on paper.



Please see page A1 for graduation requirements for all courses. See page A3 at back of catalog for more information about Career and Technical Education (CTE).

## Marketing/Business Administration

### Leadership Development - CVX141-148

**Credit: 1.0/1 year**

Meets occupational requirement

### Leadership 1 (Independent Study) - ISX201/ISX202

**Credit: variable**

#### Prerequisites/Fees

None

#### Course Description

Offers students the opportunity to examine leadership theory, develop leadership skills and apply their knowledge and skills through a project. The class covers such topics as goal setting, project planning, problem solving, decision making, evaluation techniques, communication skills, group dynamics and leadership styles. This class is also the driving force behind most of the activities at Emerson High School, including celebrations, Prom, assemblies and fundraisers. Students are actively involved in Core Congress/ASB meetings as well as planning, producing, and evaluating their school activities and dances.

### Business & Marketing Foundations – CDX441-448

**Credit: 1.0/1 year**

Meets occupational requirement

#### CTE Dual Credit

#### Course Description

This exploratory course teaches marketing concepts, skills, and the underlying business foundations required for the understanding and development of marketing. It offers applied learning as students develop essential skills for success in the 21st Century. All through project-based learning, students will understand and apply the core functions of marketing, such as distribution, financing, marketing, information management, pricing, product/service management, promotion, selling, and economics. By the end of this course students will be able to demonstrate an understanding of basic sales and marketing concepts, interpret market and marketing research data, develop a marketing campaign, and develop and utilize a variety of promotion tools.

### Retail Operations – CDX451-458

**Credit: 1.0/1 year**

Meets occupational requirement

#### CTE Dual Credit

#### Prerequisites/Fees

Food Handlers Card

Fees: \$10.00

#### Course Description

Provides students a hands-on opportunity to learn how to run a business. Taking knowledge from business and math classes, students help manage the Student Store. They work the cash register and learn about inventory, purchasing, advertising and accounting. The food handler card must be acquired within two weeks of the start of class.

### Business and Personal Law - CDS635-638

**Credit: .5/1 semester**

Meets social studies elective or occupational requirement

#### CTE Dual Credit

#### Prerequisites/Fees

None

#### Course Description

Business and Personal Law is a study of basic legal principles common to a broad base of everyday business and personal activities. Students gain an understanding of the law as it relates to them currently and the implications of the law in their future lives as well as the lives of their family and friends. They work to gain an understanding of basic legal vocabulary. The course includes an understanding of the court system at the local, state and national level. Students study contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships and the regulations governing different types of business organizations.

## Family and Consumer Science

Students develop leadership and employability skills. Reading, math, written language and oral communication skills relating to the workplace will be integrated into the curriculum.

### Health 1 (Independent Study) - ISH511

**Credit: variable**

Meets health and occupational requirements

#### CTE Dual Credit

#### Prerequisites/Fees

None

#### Course Description

Students learn the specific nutrient needs of the body, how diet and disease are related and what factors influence metabolism. Students learn about STIs, drugs, human physiology, effective communication and about how stress can be managed.

### Culinary Arts I - CVC733-736

**Credit: 0.5/1 semester**

Meets occupational requirement

#### Lab Science

#### Prerequisites/Fees

Food Handlers Card

Lab Fees: \$10.00

#### Course Description

This basic course from the National Restaurant Association introduces students into the world of professional cooking. Basic communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in this beginning course. (Previously named Foods I.)

## **Culinary Arts II – CDC743-746**

**Credit: 0.5/1 semester**

Meets occupational requirements or elective credit

### **CTE Dual Credit, Lab Science**

#### **Prerequisites/Fees**

Foods 1

Food Handlers Card

Lab Fees: \$10.00

#### **Course Description**

This advanced course from the National Restaurant Association continues study into the world of professional cooking. Advanced communication skills, safety and sanitation, food preparation, meal planning, and other topics are taught in this advanced course.

## **Food Science – CDC723-730**

**Credit: .1.0/1 year**

Meets science or occupational requirement

### **CADR, CTE Dual Credit, Lab Science**

#### **Prerequisites/Fees**

Food handler's permit is required

#### **Course Description**

Students integrate knowledge, skills and practices required for careers in food science, food technology, dietetics and nutrition. They learn to apply risk management procedures to food safety, food testing and sanitation, and evaluate nutrition principles, food plans, preparation techniques and specialized dietary plans. They then demonstrate use of current technology in food product development and marketing, and demonstrate food science, dietetics and nutrition management principles and practices. Weekly cooking lab participation is required and the class completes a formal lab report.

## **Grad, Reality and Dual-Role Skills (G.R.A.D.S.) - TBD**

**Credit: 1.0/1 year**

Meets occupational requirement

#### **Prerequisites/Fees**

None

#### **Course Description**

Graduation, Reality and Dual-role Skills/G.R.A.D.S. is a State Family and Consumer Science program for pregnant and parenting students that provides on-site or nearby childcare and instruction in positive self esteem, pregnancy, parenting, academic achievement, economic independence, and preparation for graduation. During the 2014-15 school year, 464 students were enrolled in 25 G.R.A.D.S./Teen Parent programs across the state and there was an 83% graduation rate. Only 3% had a second baby compared to over 25% of the teen mom population. Eighteen percent of students had previously dropped out of school and re-entered in the G.R.A.D.S. program. G.R.A.D.S. is an effective dropout prevention program that flips the odds and helps two generations of Washingtonians.

## **Child Development I – CDX521-524**

**Credit: .5/1 semester**

Meets occupational requirement

### **CTE Dual Credit**

#### **Prerequisites/Fees**

None

#### **Course Description**

Child Development will build a positive understanding of children's growth and development and a solid foundation of parenting skills. Child Development students learn theories of development and growth as well as techniques to use when working with children. Child Development is a good class for anyone interested in being a teacher, daycare provider, nurse, doctor, or parent. It also is a great foundation for students interested in psychology, sociology, and human development. Hands-on experiences with children in the on-site Emerson Daycare.

## WANIC Skill Center courses

WANIC offers additional Career & Technical Education courses at many locations. All classes are full year and earn three high school credits; college credits are available. All classes earn Occupation Education credits and many offer other course equivalencies. Speak to your career specialist and visit online [www.wanic.org](http://www.wanic.org) for more information and to apply.

### Automotive Technology

**Program Locations:** Bellevue HS & Bothell HS

Discover the real world experience of an automotive career, including vehicle diagnosis and repair. Work with the latest test equipment, procedures and systems used in the auto industry.

### Cisco Networking Academy

**Program Location:** Newport HS

#### Prerequisite

Completion of Computer Technology or instructor permission

Design, build, manage and troubleshoot corporate enterprise networks. Learn mitigation of security threats, wireless networks, and advanced troubleshooting skills with a major emphasis on hands-on learning. Be prepared to take the Cisco Certified Networking Associate (CCNA) exam.

### Composite Engineering & Manufacturing

**Program Location:** Bothell HS

Build projects such as snowboards, skateboards, guitars, sporting equipment, and more. Composite manufacturing and materials engineering have evolved into a diverse industry and can be found in the fields of marine, aerospace, automotive, sports equipment, construction, alternative energy, consumer products, and medicine.

### Culinary Arts

**Program Location:** Newport HS & Mount Si HS

Learn French cooking techniques, culinary terminology, knife skills, aesthetics of food presentation, baking and pastry techniques, and explore a wide variety of global cuisines.

Career applications include restaurant management, planning and executing catering events, and table service.

### Dental Careers

**Program Location:** WANIC Skill Center

Explore many dental career possibilities. In a new, state of the art dental lab, learn about instruments, dental materials, four-handed dentistry, preventative, restorative and specialty procedures, patient charting, sterilization, radiography, general and oral anatomy microbiology and more. Course Equivalency: Lab Science

### DigiPen Art & Animation

**Program Location:** DigiPen

Study professional production animation from traditional art theory and skills development to composition and storytelling in 2D animation and 3D modeling. Prepare for further education and achieve the baseline skills to succeed as an artist/illustrator/animator in the video games and film industries. Course Equivalencies: Year 1 - Fine Art, Art History/Social Studies. Year 2 - AP Studio Art - Drawing.

### DigiPen Video Game Programming

#### Prerequisite

Algebra 2 or instructor permission Program Location: DigiPen

Become a "maker of technology", not just a user of technology. Learn how today's digital games and interactive experiences are created. You will make a series of games using DigiPen's Zero Engine while learning the basics of programming in 'C'.

Course Equivalency: Year 1 - AP Computer Principles Year 2 - Math Analysis

### DigiPen Music & Sound Design

**Program Location:** DigiPen

Combine music composition, history, and theory with practical training in studio recording techniques. Apply fundamentals in computer science, mathematics, and physics to sound design principles. Learn what it takes to work within teams in real-world settings to create interactive audio for video games and engaging soundtracks for film.

### Fire & EMS

**Program Location:** WANIC Skill Center

Learn the skills necessary to pursue a career in the fire service and community emergency response team. Taught by fire-fighting professionals, you are introduced to: Firefighter training; fire prevention, inspection and investigation; alarm systems; dispatching, CERT, and emergency medical services. You will drill at fire stations on the Eastside in full bunker gear. Course Equivalencies: Health (Year 1 only), PE.

### Health Science Careers/Nursing

**Program Locations:** Sammamish HS, WANIC Skill Center, Woodinville HS

Hands-on, patient-oriented skills training. Learn procedures and careers in patient care including clinical internship in health care facilities. Students who meet course requirements for Nursing Assistant Certified (NAC) qualify to complete the Washington National Nurse Aid Assessment Program (NNAAP). Upon successful completion, students may immediately enter employment in the health care industry and/or continue their post-secondary education. Course Equivalencies: Health, Lab Science

### Medical Careers

**Program Location:** WANIC Skill Center

Learn the language of doctors, nurses, and healthcare professionals. Skills you will learn: pediatric ambulatory care, surgical instrument prep, vital signs, treatment room procedures, CPR/First Aid, law and ethics, medical terminology, infection control, patient positioning, office practices including patient records. Course Equivalencies: Health, Lab Science

### Sports Medicine

**Program Location:** Issaquah HS

In this advanced and accelerated course, students learn anatomy, physiology, medical terminology, First Aid/CPR, nutrition, injury prevention, rehabilitation competencies, taping, and wrapping through classroom instruction, lab participation and field internships. Course Equivalency: Science

Please see page A1 for graduation requirements for all courses.

### **Worksite Learning - CVX131-138**

**Credit:** variable (up to 2.0 total credits)

Meets occupational requirement

#### **Prerequisites/Fees**

Should have taken and/or be currently enrolled in a CTE class

#### **Course Description**

Career Work Experience is a program that links students and the local business community. This class provides instruction on the variety and scope of available employment, how to access job information and how to identify community resources that relate to their career pathway. The primary goal is for students to assume an active role in developing workplace skills that would ensure a successful career. In Career Work Experience, knowledge and skills acquired in the classroom are applied to the workplace following an individualized work plan. This class helps students plan their future, whether entering the work place directly after high school or continuing their education in college, university or apprenticeship programs. Career Work Experience is the gateway course that allows students to earn high school credit while gaining experience from a pre-approved internship or paid employment.

## **Advisory/Core**

### **Core Grades 9-11 – NEX251-258**

**Credit:** 1.0/1 year

#### **Prerequisites/Fees**

None

#### **Course Description**

All students at Emerson High School have a required CORE class third period. For 9th, 10th & 11th grade students the course has four key areas of focus: academic success, High School & Beyond Planning, social emotional learning and healthy lifestyles (inclusive of required LWSD HIV/AIDS curriculum). Students will learn about current/future educational options such as Running Start, WANIC, independent classes, etc. They will also engage in basic financial literacy and working in the real world, and science of the teenage brain.

For grades 9-11, students are randomly assigned to mixed-grade CORE keeping the same advisor until they become seniors. Generally, a student's third period teacher is also their advisor.

## **SENIOR CORE**

### **Personal Finance – First Semester CDX653-656**

**Credit:** .5/1 semester

Meets occupational requirement

#### **Seniors Only**

#### **CTE Dual Credit**

#### **Prerequisites/Fees**

None

#### **Course Description**

Learn the secrets of successful transition from living with your parents to living on your own. You will learn how to develop lifetime goals and identify spending values, learn to budget and handle money wisely so you will be the one to retire early – or with the big bank account! Other topics covered include: education, careers and employment; banking, savings, and investments; and big purchase. This class will culminate with a “real-life” scenario to test your decision-making abilities based on what we’ve learned in class. There may be field trips during this class that may incur nominal costs.

### **Career Choices – Second Semester CVX105-108**

**Credit:** .5/1 semester

Meets occupational requirement

#### **Seniors Only**

#### **Course Description**

This course encourages students to envision a future that is productive, achievable, and stimulating. It helps students recognize the value of education while motivating them to challenge themselves and strive for higher achievement. By the end of the course, students understand the career planning process and examine a variety of careers and related education programs. Activities focus on developing career awareness, employability skills, human relations, leadership, and personal financial management. Students develop a personalized plan and possess the skills, aptitudes, and attitudes needed to successfully transition from high school to a post-secondary education and/or training, the workforce, and adulthood. Students *High School & Beyond Portfolio*, a graduation requirement, is completed in this class.

Please see page A1 for graduation requirements for all courses.

## **Additional Learning Opportunities**

Per the Lake Washington School District's Equivalency Credit Policy, there are other opportunities to earn credit outside of school. Please see advisor for more information.

### **Child Care Assistant - NTC001-008**

**Credit:** 1.0/1 year

Elective only credit

#### **Course Description**

Miscellaneous - Aide courses offer students the opportunity to assist instructors in preparing, organizing, or delivering course curricula or to assist other staff members in fulfilling their duties. Students may provide tutorial or instructional assistance to other students.

*Please see page A1 for graduation requirements for all courses.*

Emerson High School offers services for students on individual education plans. The special education department is designed to be flexible and responsive to students' skill levels and IEP goals. Students take regular classes, with additional classes offered to help them be successful and earn credit toward graduation. Emerson students have a variety of career and vocational opportunities available to them. Some programs and classes are offered elsewhere in the district, region or community. Students are encouraged to review these program options carefully and discuss them with parents, advisors and counselors. Special Education students are expected to meet district standards with specific accommodations and/or modifications as noted in the IEP.

Learning Center is an independent learning program for students. Students in the Learning Center can complete many of their high school graduation requirements. The bulk of the course work is independent with contact time with instructors.

### Day Learning Center Schedule

Periods 1 and/or 2.

### Evening Learning Center Schedule

Tuesday & Thursday: 4:00–7:00 p.m.  
(Times are subject to change).

### Day Learning Center

Monday, Tuesday, Thursday, Friday	Wednesday
8:00-9:50 a.m. (first and/or second period)	8:00-9:35 a.m. (first and/or second period)

### Evening Learning Center

Tuesday Night	Thursday Night
4:00-7:00 p.m. (Times subject to change.)	4:00-7:00 p.m. (Times subject to change.)



### About Running Start

The Running Start program allows 11th and 12th grade high school students to take college-level courses at community and technical colleges. Students can earn both high school and college credits through this partnership between the K-12 and community college systems.

All high schools in the district offer Running Start. Juniors and seniors can take a few classes or attend full time and take all of their courses at the college.

### Program locations

Students may attend any state community or technical college (based on space availability), including the following nearby colleges:

- Bellevue College
- Cascadia Community College
- Edmonds Community College
- Lake Washington Institute of Technology (Kirkland and Redmond)
- Shoreline Community College
- North Seattle, Seattle Central and South Seattle community colleges
- Seattle Vocational Institute

Visit the Washington State Board for Community & Technical Colleges website at [www.sbctc.ctc.edu](http://www.sbctc.ctc.edu) for a complete list of community and technical colleges in the state.

### Enrolling in the program

Running Start students must be enrolled in a Lake Washington School District high school. Work with the counseling staff at the school to apply for the program. The counseling office has information about eligibility, application deadlines, etc. Parents and students are encouraged to visit the college campuses before finalizing educational decisions.

### Cost

Lake Washington School District pays the tuition for students to attend the college, but students must provide their own transportation, books and supplies.

### Students interested in Running Start must:

- Consult their counselor for application instructions and program approval.
- Meets literacy and mathematics requirements at the college (see each school for details).

### To Apply

Pick up a Running Start packet from school or the community college you are interested in attending. Check the website of the community college of your choice for information.

*PLEASE NOTE: To begin Running Start in a fall quarter, students must apply as early as the previous March.*

You may need to take an assessment if you do not have other proof of eligibility – check with the school you plan to attend. You are eligible if you place into English 101. In addition, students must be in 11th or 12th grade. *Be advised if you do not meet requirements by the application deadline you cannot enroll for that quarter.*

- Eligible students (go to next step).
- Non-eligible students will need to assess again after a 30-day waiting period.

Usually, students must sign up to attend a required New Student Running Start Orientation. Failure to attend orientation will result in a loss of eligibility. At your sign up please present the following:

- Test Scores
- Official High School Transcript
- Completed community college application

Prior to orientation you should complete the following items:

- View schedule of classes online or pick up a printed class schedule from campus.
- Meet with the school counselor/advisor to obtain his/her signature and designation of high school equivalency on your Quarterly Release form.

Bring your signed Quarterly Release Form with counselor, parent and student signatures to your registration appointment. If you reschedule or miss your appointment the classes you want may not be available at a later date. Since we cannot guarantee enrollment in courses, please prepare an alternative schedule with your high school.

# IMPORTANT WEBSITES

## **SAT**

[www.collegeboard.org](http://www.collegeboard.org)

This is the website where you can register to take the SAT, practice for the SATs and apply online to over 500 colleges and universities.

## **ACT**

[www.act.org](http://www.act.org)

At this site you can register to take the ACT, learn about the ACT, prepare for the ACT, apply to colleges and see your scores. You can also find out where the nearest testing site is for you.

## **Colleges and Universities**

[www.50states.com/cc/washington.htm](http://www.50states.com/cc/washington.htm)

This site lists all of the community colleges and technical colleges in Washington.

[www.fastweb.com](http://www.fastweb.com)

College search based on your personal information and interests.

[www.checkoutacollege.com](http://www.checkoutacollege.com)

Information on Washington's community colleges and technical colleges.

## **Military**

[www.army.mil](http://www.army.mil)

This is the official website for the United States Army.

[www.navy.mil](http://www.navy.mil)

This is the official website for the United States Navy.

[www.marines.mil](http://www.marines.mil)

This is the official website for the United States Marine Corps.

[www.uscga.edu](http://www.uscga.edu)

This is the official website for the United States Coast Guard Academy.

[www.af.mil](http://www.af.mil)

This is the official website for the United States Air Force.

## **Scholarships and Financial Aid**

[www.fafsa.ed.gov](http://www.fafsa.ed.gov)

Go visit the U.S. Department of Education site and see if you are eligible to receive federal financial aid.

[www.scholarships.com](http://www.scholarships.com)

Come here to search for scholarships, learn about ways to make the cost of college more bearable and get your Free Application for Federal Student Aid.

[www.fastweb.com](http://www.fastweb.com)

Scholarship search based on your personal information and interests.

[www.thewashboard.org](http://www.thewashboard.org)

Scholarships for Washington state students.

## **CTE Dual Credit**

[www.techprepcc.org](http://www.techprepcc.org)

This website will give you information on how students can earn college credit in high school.

## EMERSON HS FOUR YEAR PLANNER

NAME		GRADUATION YEAR	
Ninth Grade		Tenth Grade	
Semester 1	Semester 2	Semester 1	Semester 2
Eleventh Grade		Twelfth Grade	
Semester 1	Semester 2	Semester 1	Semester 2
<p>Use the Credit Check form <b>for your graduation year</b> to be sure you are meeting all of your high school graduation requirements.* <b>College admission typically requires additional coursework in core subjects.*</b></p>			
Career Interests		Post-High School Options	



## District Graduation Requirements

### Credit Requirements at a Glance

Subject	Credits
Language Arts	4.0
Science	3.0 <sup>^</sup>
Mathematics	3.0 <sup>+</sup>
World Language (same language)	2.0 <sup>^^</sup> 2 can be (PPR)
Social Studies	3.0
Arts	2.0 <sup>^^</sup> 1 can be (PPR)
Physical Education (P.E.)	1.5 <sup>^^</sup>
Health	0.5
Occupational/Career & Technical Education	1.0
Electives	4.0
<b>Total</b>	<b>24.0</b>

<sup>^</sup> 2.0 lab science, 1.0 non-lab science

<sup>+</sup> Algebra I, Geometry, and a third credit of high school mathematics, aligning with the student's interests and high school and beyond plan.

<sup>^^</sup> A student may request to be excused from P.E. under certain conditions, per state law and district policy.

<sup>^^^</sup> Personalized Pathway Requirements (PPR) are related courses that lead to a specific post-high school career or educational outcome chosen by the student based on the student's interests and High School and Beyond Plan, that may include Career & Technical Education, and are intended to provide a focus for the student's learning

Students must fulfill the graduation requirements that are in place when they first enter ninth grade, unless the state legislature votes to reduce those requirements. The requirements will not increase once a student has started ninth grade. The requirements do not change even if the student's graduation year changes.

**Students must fulfill the following three requirements for graduation:**

#### 1. Earn High School Credits as shown in the table to the left

Students must earn at least 24 credits to graduate.

#### 2. Complete a High School and Beyond Plan

To graduate, all students must develop a High School and Beyond Plan specifying how they will meet high school graduation requirements and what they will do following high school. Students begin their plan in eighth grade and revise it each year as they progress through middle and high school. The High School and Beyond Plan should include the classes needed to prepare for a postsecondary pathway, such as a two-year or four-year college, technical college, apprenticeship program, certificate program, the workforce or military training.

#### 3. Meet the requirements of at least one graduation pathway option\* in English Language Arts and Mathematics:

- Meet standard on the Smarter Balanced Assessment
- Complete and qualify for credit in related dual credit course
- Earn credit in high school transition course (Bridge to College)
- Earn C+ in related Advanced Placement or Cambridge course or 3 or higher on AP exam or E on Cambridge exam
- Meet State Board cut scores on SAT or ACT
- Meet any combination for ELA and math described above
- Meet standard on Armed Services Vocational Aptitude Battery
- Complete a sequence of CTE courses relevant to student's postsecondary pathway

For more information about graduation requirements, go to:  
[www.lwsd.org](http://www.lwsd.org) > Schools > High Schools > High School Guide.

*\*Subject to LWSB Board of Education approval*

## Advanced Placement (AP®) Courses and Exams

### Purpose of Advanced Placement

Advanced Placement (AP) is a nationwide program that is designed to prepare secondary students for higher education. AP classes provide rigorous, college-level curriculum in various subjects and the opportunity to earn college credits or advanced college standing. The AP program is made possible by the close cooperation of secondary schools, colleges, and the College Board. AP classes are open to all high school students in Lake Washington School District (LWSD).

### The AP experience

Taking AP classes in high school helps students prepare for the college-level work load. Students learn to:

- Develop effective study habits
- Improve writing skills
- Sharpen critical thinking skills

AP also teaches discipline and helps students grow and mature academically. Students report that they enjoy the challenge of the AP program. High school faculty report that AP courses greatly enhance student confidence and academic interest. College faculty find that AP students are far better prepared for serious academic work.

### Receiving college credit for AP through AP exams

Students who meet all performance standards on AP exams may be eligible to receive college credit. Colleges determine if credit or advanced standing is granted based on their institutional policies. Most colleges and universities world-wide recognize AP achievements and grant credit.

### Graduation pathways requirement

Students have the opportunity to meet the graduation pathway requirement by earning a C+ in an identified AP or Cambridge course or scoring 3 or higher on the AP exam. To see all math and ELA courses that apply, go to [www.lwsd.org](http://www.lwsd.org) > Programs and Services > Accelerated Programs > High School Highly Capable Program Services and then click on Advanced Placement and scroll down to "Graduation pathways requirement."

**NOTE:** AP courses that meet this requirement are indicated throughout the catalog with "#" before the course title.

### More information about AP

Students should contact the school to learn more about AP courses offered at that school and how to enroll. AP courses and descriptions are also listed in the school's course catalogue, which is often posted on the school website. For general information about AP courses and exams, visit College Board.

## Career and Technical Education (CTE)

Career and Technical Education (CTE) is hands-on, career-connected learning that prepares students to be college, career and future ready! CTE courses integrate 21st century skills, professional and technical skills, and core academic knowledge. Some CTE courses provide the opportunity to earn college credit or industry certification.

### Career and Technical Education (CTE) Classes

Two semesters of CTE courses are required for graduation. Many AP offerings are also available through CTE, and some CTE courses allow students to earn college credit through CTE Dual Credit.

### CTE Dual College Credit

Through a partnership with community and technical colleges in the state, certain CTE courses provide students with the opportunity to earn both high school and college credit for the course, if students complete the course with a grade of "B" or better. If a course qualifies for CTE Dual Credit, it will be noted in the course description, or teachers will provide students with information about how to register for CTE Dual Credit.

*Note: Students must register and pay a \$50 fee (fee covers all CTE Dual Credit Courses) through the Pacific Northwest College Credit Consortium to be awarded college credit.*

### CTE Equivalency/"Two-for-One" Courses

Some CTE courses help students meet core academic graduation requirements. If a CTE course is determined to be fully equivalent with academic standards of the core requirement, it can be recorded on a student's transcript using equivalent academic high school designation and title. If a CTE course has designated equivalency, credit for one of the courses will be placed on the student's transcript. Students generally choose which course they want placed on the transcript, and this choice is driven by their High School and Beyond Plan. The second course, which is not placed on the transcript, may be "checked off" as a "met requirement" by local counseling staff. Which course is put on the transcript and which one is "checked off" is determined by the student, based on their post high school goals as outlined in the High School and Beyond Plan.

The CTE Equivalency/"Two-for-One" policy does not change the total number of credits the student needs to graduate.



## WANIC Skill Center Programs (<https://wanic.lwsd.org/>)

WANIC Skill Center offers high quality tuition-free Career and Technical Education (CTE) classes for high school juniors and seniors. These year-long, advanced-level CTE programs are based on rigorous academic and industry standards preparing students for career and college readiness. WANIC programs offer dual credit opportunities (high school and college credit) and/or lead to industry certifications. Programs are designed in three period blocks which allows extended learning time and authentic hands-on lab experience. Skill Center Classes are offered at many local high schools in our area, DigiPen Institute of Technology and Lake Washington Institute of Technology.

All classes are offered during the regular school day, while some are also offered after the school day. Students attend their home high school for part or all of their day and attend WANIC Skill Center programs in a different location for the remainder of the day.

### WANIC program offerings:

- Automotive Technology (Bellevue HS, Bothell HS, WANIC)\*
- Building Industry Technologies - Core Plus Construction (Interlake HS)
- Cisco Networking (Newport HS)\*
- Culinary Arts (Newport HS)\*
- Dental Careers (WANIC)
- DigiPen Art & Animation (DigiPen)\*
- DigiPen Music & Sound Design (DigiPen)
- DigiPen Video Game Programming (DigiPen)\*
- Fire & EMS (WANIC)\*
- Health Science Careers – Nursing (WANIC, Sammamish HS, Woodinville HS)
- Medical Careers (WANIC)
- Sports Medicine (Issaquah HS)

*\*Two-year program available*

Visit <https://wanic.lwsd.org> for course descriptions.

## CADR Courses

### CADR courses meet new college admission requirements

Since 2008, ninth graders who are planning to seek admission to public four-year colleges and universities in Washington are required to take courses to meet the state's minimum College Admission Distribution Requirements (CADR). Courses that meet college admission requirements are marked "**CADR**" throughout the course catalog. Please see page A7 for more information about college admission standards and CADR courses.

## High School Credit for Courses Taken in Middle School

Middle school students who complete a high school course in the 2019-20 school year and beyond, with a passing grade, before attending high school, will automatically be given high school credit. This credit will be applied to fulfilling high school graduation requirements and recorded on the student's high school transcript.\*

A student and the student's parent or guardian must inform the school before the end of the 11th grade if they do not want credit for the course(s) taken before attending high school on the high school transcript, or if they want to request that credit be transcribed with a non-numerical grade. A non-numerical grade is not included in the student's grade point average calculation.

High school courses taken in middle school are those that exceed the requirements for seventh and eighth grade classes. They also qualify for high school credit because they are similar or equivalent to a course offered at a high school in the district.

- High School level math courses in district middle schools include Algebra I and Geometry.
- High School level world language courses in district middle schools include World Language I taken in 8th grade (for example, Spanish I, Japanese I, etc.). *Students cannot earn high school credit by taking exploratory middle school language courses that do not meet Year 1 World Language standards.*

\*The automatic application of high school credit earned in middle school to the transcript is a result of new graduation requirements legislation (House Bill 1599).

## LWSD Online Courses

The Lake Washington School District offers two online courses - Washington State History and Health. Students may enroll in these district online courses if they meet one of the following criteria:

- The course is not offered at their school or
- The student is unable to fit the course into their regular seven-period schedule.

These online courses meet both district and state standards as well as maintain the high standards for content and rigor that are available in all LWSD classes. Students access the online class through an internet-connected computer. Course-work and online instruction may occur outside of the school day. Sections of available classes will be offered based upon spring student enrollment requests. Students who select online classes will need to meet with their school counselor in the spring to discuss class availability as well as to determine whether online learning is right for them. **Online courses taken as an 8th course incur a cost. The cost matches summer school rates.**

### Courses

- **Online Washington History**  
Online Washington History is a .5 credit class that provides the knowledge and awareness of the geography, native inhabitants, early settlers, and the forces that drove modernization and statehood. Students will also study Washington's emergence as a force for economic development and international trade. This class meets the Washington State History graduation requirement.
- **Online Health**  
Online Health is a comprehensive .5 credit health course that provides students with essential knowledge and decision making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health. This class meets the Health graduation requirement.

## Physical Education Credit Options

To earn a high school diploma, students must earn two health and fitness credits. 1.5 credits represent the fitness portion of the requirement, and are met by course work in physical education. The other .5 credit is met by taking a health course. Lake Washington School District recognizes the importance of the development of healthy habits that include physical fitness and emotional well-being and provides a variety of classes to fulfill the 1.5 credit fitness requirement. A full list of health and P.E. classes being offered is available on each school's website.

There may be special circumstances where a student may have an alternative option to meet this requirement. These alternative options are available beginning in the students 11th grade school year.

- **Fitness Knowledge Assessment**

The Fitness Knowledge Assessment will be offered to students beginning in the students' 11th grade school year. Students will have six opportunities to take the assessment before their graduation date.

- **Fitness Plan**

The Fitness Plan will be offered to students beginning in the students' 11th grade school year. Students choosing the Fitness Plan option will complete a substantial written assignment that covers similar content as the Fitness Knowledge Assessment. Students will have six opportunities to submit a fitness plan before their graduation date starting the beginning of junior year. Student must meet with counselor and complete necessary paperwork before completing the plan.

For more information about these options: <https://www.lwsd.org/schools/high-school/high-school-guide/physical-education-credit-options>.

## Running Start

Seniors and juniors who qualify may enroll in college level courses at local participating community and technical colleges. The courses taken will earn high school credit and college credit at some state colleges and universities. The Lake Washington School District pays the college tuition for a specified number of credits taken. Students are responsible for all fees, books, and transportation. Students interested in Running Start must:

- Consult their counselors for application instruction and program approval.
- Take an assessment in literacy and mathematics at the community or technical college, scheduled by the student.
- Have junior or senior standing in high school before taking courses through Running Start. For juniors in the Lake Washington School District, this includes completion of 10th grade required course sequence, and meeting state test graduation requirements as outlined on page A1 of this guide. For seniors this includes satisfactory completion of 11th grade course sequences.
- Meet all LWSD graduation requirements through course work or through Running Start classes.

In addition, students may be required to attend high school classes for the purpose of completing high school graduation requirements. Students must be in contact with their Running Start Graduation Coordinator. Students who do not qualify for junior or senior status will not be approved for entry to Running Start and their tuition fees will not be paid by the school district. Parents and students will be responsible for course fees in the case that students attend community college without adequate

standing or approval as determined by counselor or administrator. To begin Running Start in a fall quarter, students must apply in the previous March.

## Seven Period Schedule

As part of their four-year program of study, all students are expected to register for and take seven credit bearing courses each semester. A senior who is on track to satisfy all credit requirements for graduation may complete an application for Early Dismissal or Late Arrival. Requests for a class schedule with less than seven credit bearing courses will be reviewed with extenuating considerations in mind, which may include but are not limited to the following:

- Employment
- Medical need with documentation
- Educational opportunities outside the school/district consistent with the student's High School and Beyond Plan.

A class schedule with less than seven credit bearing courses will only allow for a late arrival or early dismissal. It is necessary to gain approval from the student's counselor and parents for late arrival or early dismissal and have a copy of the approval on file in the counseling office.

## STEM Signature Programs

Every high school in the district offers "Signature Courses" and/or "Signature Programs."

- A *Signature Course* is a 1 period class where students earn 1 credit.
- A *Signature Program* is a 2-3 period block of classes where students earn 2-3 credits.

### Students enrolled in Signature Courses or Signature Programs:

- Earn academic credit required for graduation (1-3 credits);
- Learn through a thematic, interdisciplinary curriculum connected to a career pathway;
- Engage in problem-based learning and industry-based projects; and,
- Learn from both teachers and professionals in the field through community and business-based partnerships.

### STEM Signature programs available to 11th graders are:

- Environmental Engineering and Sustainable Design
- Forensics/Psychology

### STEM Signature programs available to 12th graders are:

- Biomedical Engineering
- Advanced Physics/Global Engineering

Due to student capacity and space limitations, there are a limited number of openings in each of the school's Signature Programs for eleventh and twelfth grade students who attend one of the district's comprehensive high schools. If more students apply for each lab than space is available, selection will be done through a lottery process. Students chosen through the lottery must work with their home school counselor to ensure

that attendance in the STEM Signature Program of their choice fits within their plan to meet district high school graduation requirements. These students will continue to attend courses in their home high school in the other three periods when they are not attending the STEM Signature Program, and/or complete other courses through Running Start.

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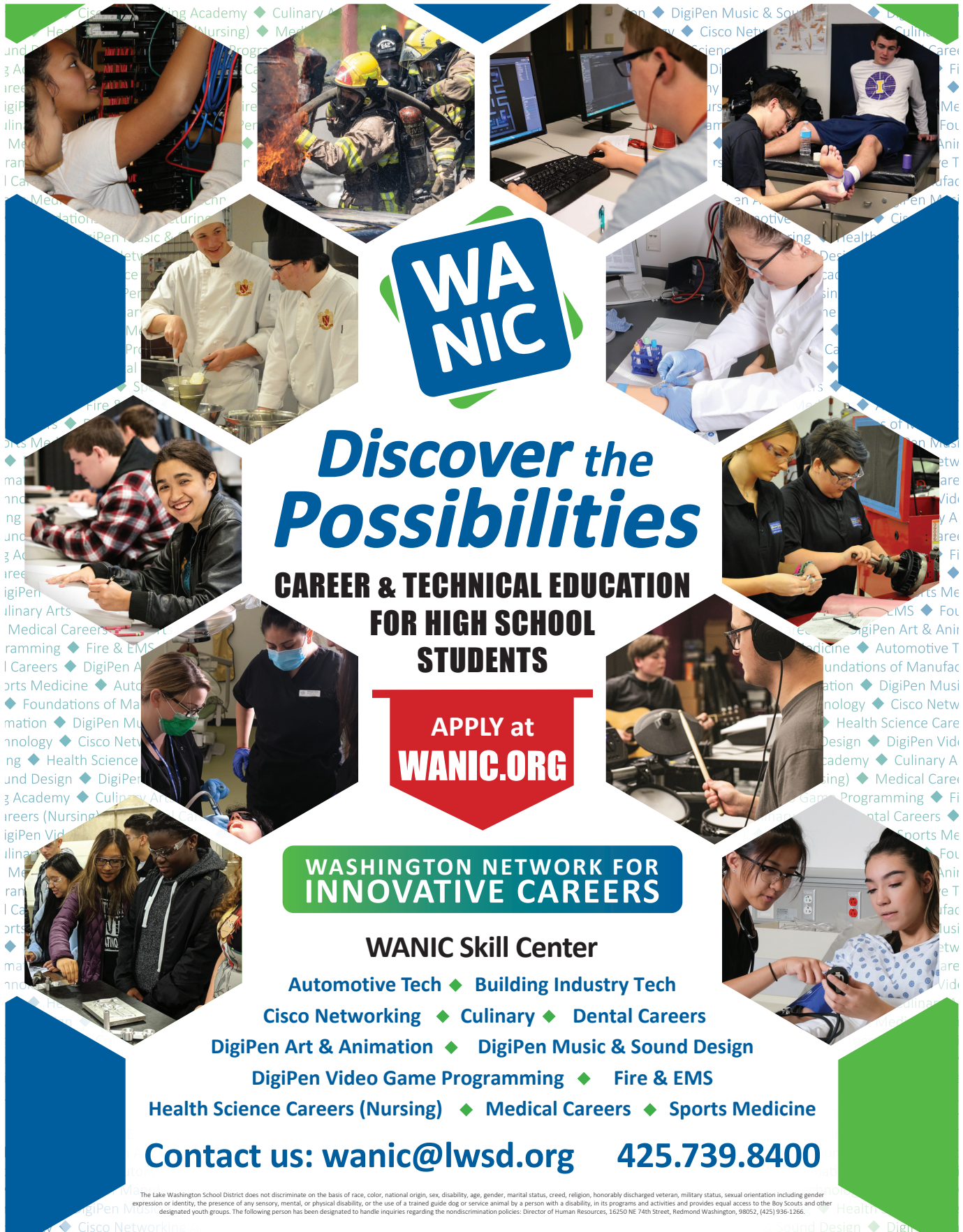
## World Language Credit Options

Students are required to graduate with two credits in a World Language. Students have two options if they wish to pursue an alternative to the required two World Language credits: A student may elect to pursue credit in areas other than world language if the choice is based on a career-oriented course of study identified in the student's High School and Beyond Plan. Students also have the option of pursuing competency/proficiency credit by participating in a district-sponsored "World Language Assessment Day." Students complete an assessment to determine language proficiency. If students demonstrate at least a Novice Mid proficiency level, they will receive a letter indicating proficiency levels and the number of high school credits earned. For more information about these options, <http://www.lwsd.org/programs-and-services/curriculum-instruction/high-school-guide/graduation-requirements/world-language-credit-options>.

The Lake Washington School District does not discriminate on the basis of race, color, national origin, sex, disability, age, gender, marital status, creed, religion, honorably discharged veteran, military status, sexual orientation, gender expression, gender identity, the presence of any sensory, mental or physical disability, or the use of a trained guide dog or service animal by a person with a disability, in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination:

Civil Rights Coordinator	Title IX Coordinator	Section 504/ADA Coordinator
Executive Director of Human Resources 16250 NE 74th Street Redmond, WA 98052 425-936-1266 <a href="mailto:civilrights@lwsd.org">civilrights@lwsd.org</a>	Director of Athletics & Activities 16250 NE 74th Street Redmond, WA 98052 425-936-1367 <a href="mailto:titleix@lwsd.org">titleix@lwsd.org</a>	Director of Special Services 16250 NE 74th Street Redmond, WA 98052 425-936-1407 <a href="mailto:section504@lwsd.org">section504@lwsd.org</a>







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**DigiPen Video Game Programming** ♦ **Fire & EMS**  
**Health Science Careers (Nursing)** ♦ **Medical Careers** ♦ **Sports Medicine**

**Contact us: [wanic@lwsd.org](mailto:wanic@lwsd.org) 425.739.8400**

The Lake Washington School District does not discriminate on the basis of race, color, national origin, sex, disability, age, gender, marital status, creed, religion, honorably discharged veteran, military status, sexual orientation including gender expression on identity, the presence of any sensory, mental, or physical disability, or the use of a trained guide dog or service animal by a person with a disability, in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: Director of Human Resources, 16250 NE 74th Street, Redmond Washington, 98052, (425) 936-1266.

## Overview of Minimum College Admission Standards

Revised 09/2014

### The Washington Student Achievement Council Sets Minimum Standards

The Washington Student Achievement Council (WSAC) has responsibility to: *establish minimum admission standards for four-year institutions, including a requirement that coursework in American Sign Language or an American Indian Language, shall satisfy any requirement for instruction in a language other than English that the board or the institutions may establish as a general undergraduate admissions requirement.* (RCW 28B.77.020, Section 7.a)

### Freshmen Admission Policy

This overview of freshmen admission requirements applies to all applicants to the public four-year colleges who enter directly from high school, and students who enter college with fewer than 40 credits of college-level coursework or equivalent.

Running Start and other dual-credit earning students, including those who have earned more than 40 quarter hours of college-level credit, who enter a public baccalaureate institution directly from high school, must meet **minimum college admission standards**:

- **2.0 Minimum GPA**
- **Official SAT/ACT test scores** sent directly to the college or university (*Fee waivers for these tests are available – consult with your high school counselor*).
- **CADRs** – (College Academic Distribution Requirements)

### College Academic Distribution Requirements (CADR)

CADRs reflect the minimum number of credits required in six subject areas that students must earn to be eligible for routine admission consideration by four-year public baccalaureate institutions.

CADRs guide students to take high school courses which will prepare them for college-level coursework. High school courses meeting CADRs are determined by the school district and are noted on the student's transcript with a "B" designation.

CADRs are not the same as high school graduation requirements, which are determined by the SBE and local school districts.

Students who plan to attend a four-year college or university should be aware of both their high school graduation requirements and the CADRs.

Meeting the minimum college admission standards does not guarantee admission to a public baccalaureate institution. Therefore, students are encouraged to go beyond meeting minimum college admission standards to improve their chances for gaining entry to a public baccalaureate institution.

Students should obtain admission information directly from the institution they wish to attend.

### Holistic Review of Applications for Admission

Currently, each of the public baccalaureate institutions employs a holistic review process for at least a portion of their applicants. Holistic review is an additional means of ensuring student access, and may include a review of many factors beyond GPA, SAT/ACT scores and completion of CADRs, which indicate evidence of the student's preparedness for college.

In cases where students do not meet the minimum college admission standards, the policy provides for alternative admission policies which may be more appropriate for certain students. Each student is encouraged to contact the admissions office of the institution they wish to attend if they have questions.

#### Further Details

K-12 and college personnel who advise students on admission to public four-year colleges and universities should review the detailed version of the College Academic Distribution Requirements at: <http://www.wsac.wa.gov/college-admissions>

#### Relevant Legislation

[RCW 28A.230.097](#) (AP computer science)  
[RCW 28B.77.020](#) (setting admissions standards)  
[WAC 392.415.070](#) (designating CADRs on high school transcripts)

*Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.*

WSAC Document-Revised 09/2014

## Overview of Minimum College Admission Standards

### For students entering four-year colleges or universities

#### College Academic Distribution Requirements (CADRs) Coursework ( See details at <http://www.wsac.wa.gov/college-admissions> )

Students are encouraged to take a minimum of three credits of CADR courses each year of high school, including the senior year.

Students who take college-level coursework and complete 5 quarter credits or 3 semester credits, will have earned the equivalent of one CADR credit. In addition, pre-college courses in English and math may be equivalent to CADR courses, provided they are designed to meet the same learning outcomes as the high school courses for which they substitute.

Students may meet high school requirements with courses taken in middle school, provided the courses are part of a sequence which is successfully continued in high school, or the courses are included on the high school transcript as high school-level courses.

*Previous minimum college admissions standards used the term 'year' to designate completion of what is now referred to as 'one credit' of high school coursework. The use of 'credit' recognizes that school districts may use alternative or block scheduling that permits students to earn a full credit in a given subject area in less than an academic year.*

**English – 4 credits** including 3 credits of college preparatory composition or literature. One credit may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, English as a Second Language, or Learning Support English. Passing the state mandated high school assessment in Reading is equivalent to earning the first 2 CADR credits of high school English.

**Mathematics – 3 credits:** Algebra I, geometry, and Algebra II (intermediate algebra), or Integrated Math I, II, and III. Passing the state mandated high school assessment in math is equivalent to earning the first 2 CADR credits of high school math (Algebra I & Geometry or Integrated Math I and II).

**Note:** Successful completion of math through pre-calculus meets the requirement for 3 credits of math and the senior-year math requirement (below).

**Senior Year Math-Based Quantitative Course:** During the senior year of high school, students must earn a credit in a math-based quantitative course. This requirement may be met through enrollment in one of the three required math courses listed above; by completing a math-based quantitative course like statistics, applied math, appropriate career and technical courses, a senior year AP Computer Science course, or by completing an algebra-based science course taken during the senior year that would satisfy this requirement and part of the science requirement below. **Note:** The senior-year math requirement does not mean a 4th credit of math is required, nor does it require a higher level of math; the intent is for seniors to take meaningful math. **Exception:** Completion of higher-level math prior to the senior year exempts students from the senior-year quantitative course requirement (e.g., pre-calculus, math analysis, or calculus).

**Science – 3 credits.** At least two (2) of the credits must be laboratory science based. One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). Principles of technology courses taught in Washington high schools may satisfy the laboratory science requirement.

**Note:** Western Washington University specifies two (2) credits and that one credit must be an algebra-based chemistry or physics course.

**World Languages – 2 credits** must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

**Note:** A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grades 9-12.

**Social Science – 3 credits** of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology).

**Arts – 1 credit** of fine, visual, or performing arts - or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.

**Note:** The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts. The other half may be in the arts or in an academic elective.

*Students should consult with their local high school to obtain complete information about minimum college admission standards, and to be aware of which courses at their high school meet CADR guidelines, as determined by the local school district.*

WSAC Document-Revised 2016



## *Graduation Pathways: Class of 2021*

The following pathways are now in place for the class of 2021 and beyond.

### **Career/Technical Field = CTE Course Sequence**

- ✓ Complete 2.0 or more credits that either include a dual credit course or lead to an industry recognized credential
- ✓ Complete a Core Plus program

### **Military Career Interest = ASVAB Exam (AFQT Section)**

- ✓ Score for Class of 2021 = 31
- ✓ Check the State Board of Education website by September 1 annually  
([www.sbe.wa.gov/our-work/graduation-pathway-options/asvab](http://www.sbe.wa.gov/our-work/graduation-pathway-options/asvab))

### **Postsecondary Education = English Language Arts (ELA) and Math Courses & Exams**

(Can use any combination of the ELA and math options listed in this section.)

- ✓ ACT (ELA = 14; math = 16) or SAT (ELA = 410; math = 430)
- ✓ Dual credit courses (1.0 credit total):
  - AP/IB/Cambridge: Earn a C+ in state-approved course (each term)
  - CTE Dual Credit (must earn high school credit)
  - College in the High School or Running Start courses (local approval)
- ✓ Dual credit exams (for state-approved courses):
  - AP = 3+
  - Cambridge = E or better
- ✓ State assessments:
  - Smarter Balanced: ELA = 2548; math = 2595
  - WA-AIM: ELA = 104; math = 103
- ✓ Transition courses (1.0 credit total):
  - Local articulation agreements between districts and sponsoring colleges

With questions, please contact OSPI staff at [graduation.pathways@k12.wa.us](mailto:graduation.pathways@k12.wa.us).

Updated 8/13/2020



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