

Eastlake High School



*Every Student Future Ready
Prepared for College, Prepared for the Global Workplace, Prepared for Personal Success*

Course Catalog 2009-2010

Eastlake High School

A Twenty-First Century School

Effective schools require a sense of purpose and direction provided by well developed and clearly articulated vision. This vision, based on beliefs that are publicly articulated, leads, in turn, to clear and specific school **goals** that guide day-to-day activities.

Lake Washington School District Vision Statement

Every Student Future Ready

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

Eastlake High School Vision Statement

Eastlake High School is a community of learners in which every person is known well and valued for his/her intrinsic worth. Eastlake students conduct themselves with dignity, exhibit the highest personal standards of behavior, and demonstrate personal initiative in their education. Eastlake institutional structures center on what is best for students, promote creativity and excellence, and allow students to view knowledge as interconnected. Eastlake graduates possess the necessary skills and knowledge to empower their success in our diverse and interdependent world.

Eastlake High School Beliefs

We believe Eastlake High School provides purposeful, relevant and challenging activities that enhance student learning.

We believe Eastlake High School provides a safe, caring, and healthy environment that promotes freedom of thought and a respect for the diversity of others.

We believe Eastlake High School students learn to live in a diverse world with a vision toward the future and an appreciation of humanity's cultural heritage.

We believe Eastlake High School ensures that each student graduates with the skills, attitudes, and knowledge to be a contributing member of society and a lifelong learner.

We believe Eastlake High School has the flexibility to meet the varied needs of its students through different instructional techniques and settings.

We believe Eastlake High School is a student-centered learning environment where each student has an adult advocate.

We believe Eastlake High School students can achieve excellence in an environment where they, with teachers, parents and community, share responsibility for the development and wellness of the whole person.

We believe Eastlake High School recognizes, appreciates and encourages creativity as an integral part of every student's educational experience.

We believe Eastlake High School students should become active participants in a commitment to the present and future health of our earth.

We believe at Eastlake High School that technology is an important educational resource which helps students succeed in a rapidly changing world.

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Structure and Methodology

Learning at Eastlake High school is demonstrated by the successful completion of the **Culminating Project** presented at the end of the senior year. This culminating project is designed as a personalized learning experience that allows each senior the opportunity to pursue individual talents and interests and then demonstrate these in an interdisciplinary presentation. The project will also polish skills in the areas of communications, technology, critical thinking, artistic expression, and time management. Students will be able to select their topics within specific guidelines (ie: safety, time away from school etc.) The topics can be in any field of interest such as dance, business, apprenticeships in a specific area, music, math, science, writing, etc. An outside mentor will also be necessary in many cases since staff availability will be limited, especially in certain skill areas.

Advisory Program

Eastlake High School is committed to providing an integrated program of personal, academic, and vocational services that recognizes and serves the diverse needs and talents of our students. Supported by the guidance counselors and the academic and the extracurricular programs, the **advisory program** seeks to establish a climate of concern and caring devoted to the well-being of each individual student. The advisory system is a cooperative effort which involves advisors, parents, students, and support personnel in an ongoing interchange of both formal and informal communication. **The focal point of this network of communication is the student, and the integral goal of the advisor is to provide sensitive, effective guidance for each student.**

The functions of the advisory program can be grouped into four categories: **adjustment** - orientation to the school, and aid in physical, social, emotional, and scholastic adjustment and growth; **administration** - processing of records, reports, and bulletins; **communication** - with students, parents, and teachers; **guidance** - curriculum planning, and vocational and college preparatory advice.

Each student is assigned an Eastlake High School certificated staff member to serve as a guide in preparing an educational plan based on individual goals. The advisor guides students in developing a course of studies directed toward meeting graduation requirements and monitors academic progress and attendance. Certificated staff at Eastlake High School serve as student advisors and advocates to provide each student an opportunity for a positive student/parent/educator relationship.

The **advisor** is a faculty member who meets with a group of 18-22 students 3 times a week over the course of 3 years. The advisor develops a rapport with and a sense of responsibility for the advisees and their personal and academic progress. When a student is experiencing difficulty of any kind, the advisor is generally the person a parent or a faculty member will contact for information or advice. In general, the advisor, who is the student advocate, serves as resource person whose counsel and perspectives on individual students is valued.

An Advisory Coordinator has responsibility for coordinating the advisory program. This coordinator provides leadership and direction in planning, development, and coordinating the various services, and assists personnel in development and executing policies and procedures.

Library

Our library serves as the information hub for the school serving students, staff, and the education community. Through our library, you have access to a diverse collection of print and electronic materials with professional staff to help you. Your classroom teacher and school librarian can help you select the most effective and appropriate resources for your learning among all the resources now available on the internet and in print. All computers at Eastlake access the Lake Washington School District library catalog, a variety of academic subscription research databases, and a selection of additional resources.

Structure and Methodology

Guidance Support

The plan and purpose of all our guidance services is to help the student with academic, vocational, personal, and emotional challenges. Guidance services, therefore, are designed and administered in several different ways through various faculty and professional personnel. At the heart of our guidance is, of course, the individual advisor. The advisory program cannot and does not stand alone. Part of the training offered to advisors is learning when, how, and to whom to refer a student who is in need of additional supportive services.

Counseling is a resource offered for both individuals and groups in the areas of academic, career, and personal/social development. Providing support to students, parents and staff is the primary role of the counseling staff. Eastlake counselors facilitate communication between students, parents and the community at large in order for our students to work towards becoming successful, well-adjusted, happy young adults.

Additionally, students receive career guidance at Eastlake through a comprehensive counseling and guidance program which culminates in planning for college or other post-high school experiences. In the spring of each year, EHS counselors meet with the junior class and present college information (factors to consider in your college search, steps to narrowing your list, campus visit check list, college admissions criteria, finding money for college, admissions/financial aid timeline, and web resources). Junior students are also given access to the Senior Handbook online, which provides information about post-high school planning and explains specific procedures for college applications. This publication is accessible on the school Web site: <http://schools.lwsd.org/ehs/>, select "Counseling," then "Senior Handbook 2009-2010." Additionally, counselors provide information to seniors about various post-secondary educational options, including extensive data on Washington state public and private colleges, the total college application process and knowledge regarding financial aid and scholarships. (See page 16 for more in-depth information regarding resources in the Career Center and career guidance materials.)

Eastlake High School contracts with Youth Eastside Services to provide a part-time substance abuse counselor and intervention specialist. This individual's role includes education, assessment, as well as individual and group counseling and referral to other agencies when appropriate.

Program of Study

Eastlake High School allows all students the opportunity to take the course work necessary to meet university entrance requirements. Eastlake High School does recognize that not all graduates will go on to a 4-year university. For students seeking a technical career upon graduation, a variety of opportunities are provided for skill development. These opportunities are offered through programs in our school district, programs at the Lake Washington Technical College, and through partnerships with other school districts. The Counseling Center at Eastlake High School is staffed by three full-time and two part-time counselors, a school psychologist, a secretary, a data processor and a career specialist. Students are assigned to counselors by advisor.

Services offered in the Counseling Center include:

- Individual and group counseling for students with academic, social, and personal concerns.
- Career counseling and assessment, including job shadowing and internships.
- College and university information, including application assistance and scholarship searches.
- Guidance for students with special needs, including students with learning disabilities, gifted students, and students with emotional/behavioral issues.
- Referrals to community resources and support services.
- Crisis intervention and support for students and families.
- Parent and family counseling and support.
- Assistance with college and university enrollment, including financial aid applications.
- Support for students transitioning to post-secondary education or the workforce.

Student Initiated Schedule Changes

It is critical that the choices made by students during registration are considered to be final. We plan our courses and staffing for the new year based on those choices.

Schedule changes will only be allowed for the following reason:

- A change in the student's health or family situation.
- A change in the student's academic standing.
- A change in the student's social or personal life.

Any schedule change request that does not meet this criteria is subject to administrative review. **Any course dropped after the third week of the first semester (second week of second semester) will result in an "F" grade on the student's transcript. Not attending a class does not constitute a "drop"; students must follow the proper procedure outlined by the counseling office for class changes or drops.**

Program of Study

Replacement Credit Policy: Classes taken outside of LWSD will be designated as a "transfer" class on the academic history and transcript. These grades will not replace grades already posted to transcript or LWSD Summer School. Replacing a grade already posted to transcript would require retaking the identical course at EHS. If you have questions, please contact your EHS counselor prior to taking the class. It is the student's responsibility to request an official transcript from any institution attended when completing the college application. Students enrolled in Running Start spring courses, Enrichment or Summer School will not be given a diploma until an official transcript is received from the community college or school. See your counselor for additional information.

Wellness Outside Credit Policy: Students who participate in a sport for Eastlake High School during their 10th through 12th grade years may receive a .5 PE sport waiver for one full season. This may be done one time only and applies to students participating on either varsity or junior varsity teams. Please see your counselor for the required paperwork.

Early Dismissal/Late Arrival: All students must enroll in six (6) classes each semester. However, a SENIOR in good standing, may apply for early dismissal or late arrival privilege. This is accomplished by parent and administrator approval.

Extended Core Program

In keeping with our Eastlake vision and beliefs, we will continue to offer the Extended Core Program for the 2008-09 school year. The structure of this program allows for an extension of present sophomore House with the inclusion of math to all grade levels with emphasis on content integration and team teaching. The ECP program requires all participating students to enroll in four specific core classes in the 10th and 11th grades (math, science, social studies, and language arts). Students also have advisory as well as two periods open for elective classes, which can include Advanced Placement classes. In the 12th grade, students enroll in three classes (Language Arts, Science, Math). Seniors also have advisory as well as three periods for electives. The courses offered in the extended program will be differentiated to allow students at all levels of math and science to participate. Students in the Extended Core Program must commit to three years of math and science, and students may not enroll in a portion of the ECP. Students will, however, have the option to enter or leave the program at the end of any academic year.

The following statements are applicable for all students at Eastlake:

- We are committed to providing a high quality education for all students.
- We believe in the benefits of choice, guidance and proven programs.
- We are committed to the Eastlake Vision.
- We believe that every student has the potential to succeed.
- We are committed to providing a safe and supportive learning environment.
- We believe in the importance of community service and leadership.
- We are committed to providing a variety of extracurricular activities.
- We believe in the importance of student voice and leadership.

The Eastlake High School curriculum reflects our belief in the benefits of choice, guidance and proven programs; it continues our commitment to the Eastlake Vision. A graduate of Eastlake High School should feel comfortable in pursuing higher education and/or seeking employment in any area.

Advanced Literacy

Advanced Literacy and Graduation Requirement

Advanced Literacy Communication: Writing	Course in which the Graduation Requirement is offered:
Cause/Effect Essay or Compare/Contrast Essay	Humanities: Sophomore World Studies and Junior American Studies, AP Junior American Studies, Senior Connections, AP Literature, UW Composition, Comparative Religions, Science and Society Fine Arts: Art Foundations, Fear No Art, Design Humanities: Sophomore World Studies and Junior American Studies, AP Junior American Studies, Senior Connections, AP Literature, UW Composition, Comparative Religions Music: Concert Band, Jazz Ensemble, Piano Lab, Wind Ensemble Science: Environmental Science Math: AP Calculus
Literary Analysis Essay	Humanities: Sophomore World Studies and Junior American Studies, AP Junior American Studies, Senior Connections, AP Literature, UW Composition
Persuasive Essay	Fine Arts: Art Foundation, Fear No Art, Design Humanities: Sophomore World Studies and Junior American Studies, AP Junior American Studies, Senior Connections, UW Composition, Comparative Religions, Science and Society, AP English, AP Government Science: Science and Society
Advanced Literacy Communications - CP	Course in which the Graduation Requirement (CP) is offered: CP = Culminating Project
CP Paper and Speech	Humanities: Senior Connections, UW Composition, AP English
Advanced Science QSR	Course in which the Graduation Requirement is offered:
Formal lab report	Sciences: Biology, Chemistry, Physics, Horticulture, Environmental Science, Material Science I, AP Biology, AP Chemistry, Biotech

Lake Washington School District

Graduation Requirements: Classes of 2010 - 2012

District Performance Graduation Requirements

Requirements at a Glance

Subject	Credits
Language Arts	4.0
Science	2.0
Mathematics	2.0
Math/Science	1.0
Social Studies	3.0
Fine Arts	1.0
P.E.	1.5
Health	0.5
Occupational	1.0
Electives	6.0
Total	22.0

Meeting District Performance Graduation Requirements

1. Communication Standards

Students will complete three (3) writing assignments that meet the standards, including a literary analysis essay, a persuasive essay, and a cause-effect or compare-contrast essay.

2. Quantitative and Scientific Reasoning Standard (QSR)

Students are required to demonstrate proficiency on one formal lab report.

Pass all required and elective courses.

State Performance Graduation Requirements

- Reading, Writing, and Math WASL requirements
- Culminating Project requirements
- High School and Beyond Plan

Additional Graduation Requirements

Classes of 2011 and 2012

Students in the classes of 2011 and 2012 must meet all of the same requirements as those for the class of 2010 with one addition:

- Students are required to demonstrate proficiency on a problem solving and reasoning report in the Quantitative and Scientific Reasoning Standards

Sample Schedule

Eastlake Program

Sophomores	Juniors	Seniors
World Literature	American Literature (reg. or honors)	Sr. Connections, AP English or UW Comp/Culminating Project
World History	U.S. History (reg./AP)	U. S. Citizenship or AP Government
Biology	optional science (chem or elective)	optional science (physics or elective)
Math	math	math
Elective	Elective	Elective
Elective	Elective	Elective

Extended Core Program

Sophomores	Juniors	Seniors
World Literature	American Literature	Sr. Conn/Culminating Project
Math*	Math*	Math*
World History	U.S. History	Physics*
Biology	Chemistry*	U.S. Citizenship or AP Government
Elective	Elective	Elective
Elective	Elective	Elective

*Curriculum will be differentiated in ECP math/science classes to meet individual needs. Students in this program can take AP classes and other electives offered at EHS subject to master schedule constraints.

LWSD Revision Policy for rewriting of the QSR formal lab report

Within the semester or year of the course, students will receive instruction in writing a formal lab report. If a student fails to meet proficiency (as measured by rubric) in each of the traits – Introduction and Purpose, Supplies, Equipment and Procedure, Observations, Data and Calculations, Analysis and Conclusions, Error analysis, and Presentation, on a required lab, he/she may revise the formal lab report. The following are the parameters of the revision policy:

- H\YZfa U"Ua i ghVfyg Va jhXlc hYhUWf k\c Ugg[bYXhY"UV" HmuWfgk]"cbmi evaluate labs that they themselves assigned.
- H\Yfk]"WUlk c k YU_k]bXck YgUV]g YXVmh YHmuWf i fY]gcbga i ghVyh fbYX]b Xi f]b] this time.
- H\Yfy]gXZfa U"Ufydcfha i ghVyh fbYX]b k]h h Ycf]]bU"UfydcfhUbXfi V]WUHUWYX"
- H\YZfa U"Ufydcfha UmVfy]gXUbXfyg Va jhXcbY]ha Y"fh]gXcYgbc]bW XYUbrn revisions the teacher may require prior to the student submitting the assignment.)
- H\YZfa U"Ufydcfhg WYk]"bchVWUb]XUZh h YWf fgY]gWa d YhXUbX#cf h Y semester has ended and grades have been issued.
- F YWfXcZfy]gcbgk]"VybchX]b h YHmuWf] fUXVcc_"

Advanced Science QSR	Course in which the Graduation Requirement is offered:
CP Paper and Speech	Sciences: Biology, Chemistry, Physics, Horticulture, Environmental Science, Material Science I, AP Bio, AP Chem

Educational Planning Calendar

Month	Sophomores	Juniors	Seniors
September	· 7cbgXfUj c i bhYfYl - perience to help explore career choices.	· GY7UFYF 7YbM Zf gY ZUgg ment, aptitude and interest test. · 7cbgXfUj c i bhYfYl dY]YbW to help explore career choices. · GY_]bZfa U]cb Zca W"Y]Y and military representatives as they visit the EHS Career Center.	· I gYnci fGYb]cf< UbXcc_ ZfUa cfYWa d YHGYb]cf H]a Y]bY; 7\W\G5H#5 7HXLHg" · F Y]]k hUbgW]d]UbX[fUX U]cb fYei]fYa Yb]g"; 5 Wi]fy out-of-state college applications. · I dXU]nci fYg a Y" · i=ZbYXXZfYei Ygi YHf" cZfYWa a YbXU]cb Zca U]]gcf and teacher(s). · 7cb]bi Ylc gY_]bZfa U]cb Zca W"Y] YUbXa]]Hfmi representatives as they visit the EHS Career Center. · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM"; 5 7HHgH
October	· Cd]cbU. HU Yh Y Preliminary Scholasticv Aptitude Test (PSAT) for practice	· HU Yh YDFY]a]bUfMGWc U]jW Aptitude Test (PSAT) National Merit Qualifying Test.	· 5 HbXGYb]cf GYa]bUf" · CHUfW" Y] YUdd]W]cbg" · F Yei YghUbgW]d]gZca h Y7ci bgY]b[7YbM"; 7\W\ scholarship bulletin in Career Center. · G5HHgH]UbX#cf 5 7HHgH
November	· A cb]lcf nci fUWXYa]W progress by reviewing WebGrader	· 5 HbXB U]cbU 7c"Y] Y: Uf"	· 5 HbXB U]cbU 7c"Y] Y: Uf" · 9UfmiXa]gcbgW" Y] YUdd]W]cbgXi Y" · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM" · G5HHgH
December			· 7cb]bi YW"Y] YUdd]W]cb d]fcWgg" · GY_]bZfa U]cb Zca W"Y] YUbXa]]HfmiYdfYg]b]U] Yg as they visit the EHS Career Center. · 5 HbX:]bUbWU 5]XGYa]bUf" 9bWi fU] YdUfYb]g]c Ua tend. · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM" · G5HHgH]UbX#cf 5 7HHgH
January		· D'Ub UYUXlc a U YW"Y] Y]]g- tations in the spring/summer.	· Gi Va]hi: fY5 dd]W]cb Zcf: YXfU Gi Xbh5]Xfi 5: - SA). · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM" · G5HHgH
February	· I dXU]dfc]fyg]ck UFX graduation · D'Ub bY] hmYUfWi fgY selections to help develop career plans.	· I dXU]dfc]fyg]ck UFX[fUX - ation · D'Ub bY] hmYUfWi fgY gY W]cbg to help develop career plans.	· GybXa]X]hfa fYdcf]g]c W"Y] Ygk \]W]fYei]fYh YZfa " · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM" · 5 7HHgH
March	· A cb]lcf nci f' (hYUf' plan with regard to your post-high school plans.	· F Y]]gM Zf G5HUbX5 7HHgH" · A cb]lcf nci f' (hYUf' d'Ub k]h regard to your post-high school plans.	· 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM" · G5HHgH
April		· 5 HbX>i b]cf GYa]bUf · 9bWi fU] YdUfYb]g]c UhbX>i - b]cf DUfYbhB]] \h"; 5 7HHgH" · 5 fa YXGY]]W]g]cW]cbU 6Uh tery (ASVAB).	· 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM"
May	· =ZbYXXZfY]]gM Zf Summer School	· =ZbYXXZfY]]gM Zf Gi a a Yf School · G5HHgH	· B chZnW" Y] YcZXY]g]cb]c UW]dicZf cZUXa]gcb" · Gi Va]hW" Y] Y\ci gb[Udd]W]cbg" · 7\W\gWc Ufg]dVi "Y]b]b 7UFYF 7YbM"
June		· G5HHgH]UbX#cf 5 7HHgH" · D'Ub]c]]ghW" Y] YWa di gYg during the summer.	· B chZnWi bgY]b[gY W]UfmcZW" Y] YWc]W]c g]bX transcript. · HU YW" Y] YdUWa Ybh]g

Progress of the Educational Plan will be monitored through the Advisory.

Career Resource Center

The Career Resource Center is a unique and valuable area within the Eastlake High School Counseling Services Department. Open to all students and their parents, the Career Resource Center provides many resources to aid in the exploration of college and career alternatives. Both printed and audiovisual materials are available on topics ranging from personal assessment to career exploration to college selection.

Career Center Resources and Services

Washington Occupational Information System (WOIS)

An online information system which provides career guidance, post secondary education, and labor market information specific to Washington State. A password is required. Please call 425 836-6621 or e-mail awehner@lwsd.org to obtain the site key.

National Schools and Scholarship Resource Center

This information is accessed directly from the WOIS web site. This site offers multiple search criteria allowing students to create a personalized list of colleges (2 and 4 year colleges/universities plus vocational/technical schools) and scholarships. Students can also practice the ASVAB (Armed Services vocational aptitude Battery) assessment.

Visits by College Representatives

College admission representatives visit Eastlake in the fall to make presentations to small groups – introduce their school and answer student's questions. Visits are posted on the counseling calendar found at the EHS website.

Visits by Armed Services Personnel

Recruiters from all the services are available during their monthly visits or at student request. ROTC and service academy representatives visit in the spring and fall to assist students in applying for these programs.

Job Board

Part-time employment opportunities for students are listed on the job board.

Scholarship File

The scholarship file contains current application information for scholarships received in the Career Center. The Scholarship Bulletin, which is updated every 2-3 weeks, is available in the Career Center and on the EHS website.

Community Service File

This file contains descriptions of a variety of community service opportunities available to students, filed by areas of interest – contact information is included.

SAT and ACT

Registration packets for college admissions tests are available throughout the year.

Career Interest Assessment

Computer and paper career interest surveys are available for all students.

NEVAC and Tech Prep

Information and registration for professional/technical programs offered at other high schools. Earn community college credit for professional/technical classes.

Career Choices

Career Choice's is an innovative and highly successful approach that connects school-to-career. Career Choice's allows any student who is at least 16 years old and working after school to earn high school credit for their work experience. Students typically can earn up to .5 credits per semester.

College Entrance Requirements

Higher Education Coordinating Board (HECB) Minimum Freshman Admission Requirements to Public Baccalaureate Institutions

www.hecb.wa.gov/research/issues/admissions.asp

Goals of the minimum freshman admission requirements are to ensure that:

- Freshmen selected to enroll at the state's public baccalaureate institutions are ready to succeed academically and earn baccalaureate degrees
- The amount of remedial instruction required for recent high school graduates is minimized
- Institutions recognize that experiences and activities beyond academic achievement can contribute to a successful college application
- Students and families understand that completion of a rigorous curriculum in high school is critically important to prepare for success in college

	Interim Standards 2008 - 2011	Revised Minimum Admission Standards 2012
Implementation Date		<i>Phased implementation plan to be developed.</i> Standards would be fully implemented for all freshmen seeking admission to the state's public baccalaureate institutions during and after summer 2012 academic term.
Academic Distribution Requirements	15 total credits of "core" coursework	15 total credits of College Academic Distribution Requirements (CADR) coursework. Students must take a minimum of 3 credits ¹ of CADR courses each year of high school, including the senior year.
English	4 years , including 3 years of literature and composition.	4 credits of English, including 3 credits of literature and composition; may include 1 credit of elective English, such as creative writing, journalistic writing and English as a Second Language. <i>Note: Passage of the WASL-R is equivalent to the first 2 years of English.</i>
Mathematics	3 years , including algebra, geometry and advanced math.	3 credits of math with at least 1 credit completed in the senior year, including 1 credit each of algebra, geometry, and intermediate algebra or 3 credits of Integrated Math through Integrated Math III. The senior year requirement may be met by courses such as a math elective, statistics, applied math or certain career and technical courses, or an algebra-based science course. or Successful completion of math through pre-calculus meets both the course and senior year requirement in math. <i>Note: Passage of the WASL-M is equivalent to the first 2 years of math (algebra & geometry or Integrated Math I and II)</i>
	Interim Standards 2008 - 2011	Revised Minimum Admission Standards 2012
Science	2 years , including 1 year of lab science (equivalent of biology, chemistry, physics, or principles of technology). <i>Note: Students applying for college freshman admission beginning in fall 2010 must have completed 2 years of lab science, including 1 year of algebra-based biology, chemistry, or physics.</i>	2 credits of lab science, including 1 credit of algebra-based biology, chemistry, or physics. <i>Note: The requirement for 2 years of lab science, including 1 year of algebra-based biology, chemistry, or physics would take effect in 2010.</i>
World Languages	2 years of the same foreign language, Native American language, or American Sign language	2 credits of the same foreign language, Native American language, or American Sign language.
Social Science	3 years of social science	3 credits of social science
Arts	1 year of fine, visual, or performing arts, or electives from any of the other required subjects.	1 credit of fine, visual, or performing arts, or 1 additional credit in math, English, social science, lab science, or world languages.
Minimum Grade Point Average	Minimum unweighted cumulative grade point average of 2.0 on a 4.0 scale.	Minimum unweighted cumulative grade point average of 2.0 on a 4.0 scale.
Admissions Index²	Achieve a minimum score of at least 13 at Central, Eastern and Western Washington universities and The Evergreen State College; and at least 28 at Washington State University and the University of Washington.	Eliminate Admissions Index requirement

1. The current standard refers to "year long courses." In the proposed revisions to the standards the wording was changed to "credits" in recognition of schools that schedule an equivalent course in a shorter time period (block scheduling by many high schools results in year-long courses being offered in one term, or half-year). The term, credits, would be retained in the Board's policies.

2. Each student receives a score based on grade point average and college admission test scores.

College Entrance Requirements

Foreign Language

Two years of progressive study are required. The two years must be devoted to a single foreign language. Any natural language that has been formally studied may be used to satisfy this requirement, including American Sign Language (ASL), and languages no longer spoken, such as Latin and ancient Greek. However, neither computer “languages” nor forms of signing aside from ASL are acceptable. A foreign language course taken in the eighth grade may satisfy one year of the requirement if the second year is completed in high school.

Note: The Foreign Language admission requirement will be considered satisfied for students from non-English speaking countries who entered the United States educational system in the eighth grade or later.

Fine, Visual And Performing Arts Or College Prep Elective

One year of study is required in the fine, visual, and performing arts, or an additional year in any of the academic areas defined above. The fine, visual, or performing arts include art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, and sculpture. Courses generally not acceptable include drafting, architecture, color guard, creative writing, fashion design, interior design, sewing, and woodworking.

Note: The UW and WWU specify that one-half year of this requirement must be in the fine, visual, or performing arts; the other half-year may be either in the arts or in an academic elective. University of California schools further require one year of progressive study in the same fine art elective.

Factors Considered in the College Application Process

Comprehensive Application Review

The application review for many institutions considers a variety of factors in addition to course distribution, grades, and standardized test scores. The Admissions Index is no longer an independent entrance factor at many public universities within the state of Washington. Refer to individual institutions for detailed information.

Admission Index (AI)

Several of Washington’s public baccalaureate institutions use a common admission indexing system as *one* component of the application review. The AI is derived from GPA and SAT or ACT scores with grades approximately three times as important as test scores. The writing component of the SAT is not included in the AI, but may be considered as an additional factor in the application review.

Washington Assessment of Student Learning

While WASL results are not considered in the admissions review process, many institutions in Washington offer some merit scholarships which include WASL among the selection criteria.

Admission Requirements for Private In-State and Out-Of-State Post-Secondary Schools

Entrance requirements for schools can vary greatly between schools. Research entrance requirements of each school in which you are interested in applying either by using the school’s website directly. You may also gather additional college search information by referencing the Higher Education Guide or to the College Handbook in the Eastlake Career Resource Center. Be sure to check which college entrances test are required for admission (ACT, SAT and/or SAT II). If you are interested in a specific major within a college or university, it is worthwhile to research specific department requirements in order to declare a particular major. For example, some college majors may require three years of a foreign language prior to declaring intent to major.

College Entrance Requirements

College Credit Earned during High School

Students earning college credit while in high school through Running Start, AP, IB, or College-in-the-High-School are generally considered freshmen for admissions purposes but also granted transfer credit and advanced course access when appropriate. Applicants generally must complete freshman admission requirements. Credit acceptance for college credit earned during high school is determined individually by each school.

Student Athletics

Prospective student athletes who plan to participate in intercollegiate athletics at an NCAA Division I or II institution should register with the NCAA Clearinghouse at www.naaclearinghouse.net. This Web site also contains the 2009-10 Guide for the College-Bound Student-Athlete which includes the following high school eligibility requirements:

Division I—2008 and Later

If you enroll in a Division I college on or after August 1, 2008, and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- 4 years of English
- 3 years of math (algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science)
- 1 extra year of English, math or natural or physical science
- 2 years of social science
- 4 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- 90th percentile on SAT or ACT
- 90th percentile on ACT or SAT
- average and test score sliding scale (see page 9 of the 2007-08 Guide for the College-Bound Student Athlete).

Division II

If you enroll in a Division II college and want to participate in athletics or receive an athletics scholarship during your first year, you must:

- 3 years of English
- 2 years of math (algebra 1 or higher)
- 2 years of natural or physical science (including one year of lab science)
- 2 extra years of English, math or natural or physical science
- 2 years of social science
- 3 years of extra core courses (from any category above, or foreign language, non-doctrinal religion or philosophy);
- 90th percentile on SAT or ACT
- 90th percentile on ACT or SAT
- There is no sliding scale in Division II.

Division III

Division III does not use the eligibility center. Contact your Division III college regarding its policies on admission, financial aid, practice and competition.

College Entrance Requirements

Advanced Placement Information (AP)

Students who enroll in AP classes in the high school will have AP class designation and a grade for the coursework on their high school transcript. These students are prepared to take the AP exam in the spring. High scores on AP tests may earn college credit. Scores for AP exams range from 1 to 5. Colleges determine credit for such scores individually. Occasionally, students may prepare for and take the AP tests individually without taking the corresponding high school AP class. This requires outstanding independent work skills and preparation time. Students who prepare for and pass AP exams independently will not have AP designation on their high school transcript but are able to submit AP scores to colleges for consideration for college credit. AP test scores for collegiate credit are reported directly from AP to the colleges designated by the student. Universities provide credit for AP scores at the collegiate level.

Career and Technical Education

Career and Technical Education/Business Education

1. Provide students with a thorough understanding of the organization, functions, methods and social significance of the American system of business enterprise. Emphasis is also placed on managing personal business affairs.
2. Develop proficiency skills for initial employment or for personal use. Although Eastlake students may acquire business information and develop business skills sufficient to qualify for initial positions in stores or offices, the majority do not expect to enter directly into their vocation upon graduation from Eastlake. Special emphasis, therefore, is placed on understanding the fundamental principles which provide an excellent background not only for more specialized business training at the college level but also for practical personal use.

Career and Technical Education/Business Education Grid

As you select courses, notice which graduation requirements they offer. Be sure that you are signing up for courses that will help you meet all of your requirements and earn college credit.

Business Courses	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Business Law	Opportunities to complete Level 5 Graduation Requirements.

Accounting I

.5 Occupational Credit (college credit available)



Grades 11, 12

Is a business career in your future? Whether you are planning to major in business in college, start your own business, or just want to learn how to manage your own personal finances, the knowledge of accounting principles is essential in today's highly competitive market place. Students learn how to plan, record, analyze, and interpret financial information for themselves as well as study typical transactions that occur in a variety of businesses. Students will learn to use QuickBooks software to apply principles learned. A \$20 lab fee will be charged for the accounting workbook. Junior Achievement activities are an integral part of the class. Tech Prep college credit is available. This course provides curriculum support for a co-curricular DECA Club.

Accounting II

.5 Occupational Credit (college credit available)



Grades 11, 12

Accounting II builds upon and extends the application of accounting principles learned in Accounting I. Students will study accounting for a merchandising corporation and accounting for a business partnership. Students will use QuickBooks accounting software to apply principles learned. This course provides the opportunity to complete a Level 5 paper. A \$20 lab fee will be charged for the accounting workbook. This course provides curriculum support for a co-curricular DECA Club.

Career and Technical Education

Business Entrepreneurship

.5 Occupational Credit (college credit available)



Grades 11, 12

Ever dream of owning your very own business? If so, Business Entrepreneurship is just for you! This class focuses on completing a business plan from start to finish. During the process, you will learn how company owners make decisions, what ownership style to use, legal considerations, advertising strategies and how to market, problem-solving techniques, setting up your organizational chart and who to hire as well as how the economy impacts business decisions, layout and floor design, and much more. Guest speakers are also a valuable part of this course by bringing up-to-date information about companies in your own backyard. This is an excellent opportunity for you to practice your skills as a business owner. This course provides curriculum support for a co-curricular DECA Club.

Business Entrepreneurship in a Global Economy

.5 Occupational Credit (college credit available)



Grades 11, 12

Prerequisites

Business Entrepreneurship

Business Entrepreneurship/Marketing is designed to take students a step further in marketing concepts related to selling, promotion, and distribution of goods and services. Students will understand economic concepts, further their skills in applied business math, and learn how to communicate effectively in the business world through written and oral communication. The goal of the class is to expose students to a higher level thinking skills and to provide speakers to help reinforce these concepts and business practices. This course provides curriculum support for a co-curricular DECA Club.

Business Law

.5 Occupational Credit (college credit available)



Grades 10, 11, 12

Students taking this course will participate in engaging hands-on activities and projects designed to teach them about the law and simultaneously enhance their skills in Microsoft Word, Excel and PowerPoint. Course materials will focus on areas of the law that matter to students right now and in the near future: Employment, Sales and Contracts, Landlord-Tenant, Computer, and Student's Rights. Students will have the opportunity to complete a Level 5 persuasive or research paper. This course provides curriculum support for a co-curricular DECA Club.

Introduction to Computer Programming with Robots

.5 Occupational Credit

Grades 10, 11, 12

If you are interested in jumping into the exciting world of programming, then you've found the perfect course – no experience necessary. This course is designed for students who would like to learn how to write programming code and develop 2-D games. Topics include: game design, program control structures, graphics, animation, sound, collision detection, field testing, revision and packaging.

Microsoft Applications for Business

.5 Occupational Credit



Grades 10, 11, 12

This course is for students who want to learn or refine their skills in Microsoft Word, Excel, PowerPoint and Access. Lessons and projects will provide students with practical, real-world applications so that they can achieve in their high school classes, apply to and succeed in college, and obtain and advance in jobs in today's technological workplace. Students will also have the opportunity to enhance their Internet researching skills and complete a Level 5 paper. This course provides curriculum support for a co-curricular DECA Club.

Career and Technical Education

PhotoShop for Business Applications

.5 Occupational Credit (college credit available)



Grades 10, 11, 12

This semester class is a "no experience necessary" introduction to Adobe PhotoShop covering the basics of this powerful digital editing program. PhotoShop is used in all aspects of the business world including marketing, publications, forensics, and web applications. Tools, palettes, layers, filters, website optimization, selection techniques, text effects, and basic image adjustments will be covered. Students learn how to make an effective poster and advertisement, how to create graphics to support specific markets in a variety of business areas. This is not an experimental class but a sequential class that covers PhotoShop as a business tool that creates images for logos, print, web design, business entrepreneurship, computer programming, and game design. The class has a \$15.00 materials fee.

Student Store

.5 Occupational Credit (college credit available)



Grades 11, 12

Prerequisites

Business Entrepreneurship/Mrs. Henselman's signature, food handler card required.

Student Store allows student the opportunity to learn how to run a bookstore and a student store. Taking knowledge from Business Entrepreneurship, students work the cash register, take inventory, learn how to purchase products from vendors for the store, stock shelves, advertise, do record keeping and much more. The food handler card must be acquired within two weeks of the start of class. Failure to do so will affect student's grade.

Web Design/Photoshop

.5 Occupational Credit (college credit available)



Grades 10, 11, 12

This course is perfect for students who enjoy the Internet and would like to build their own website or become a webmaster for a company. Students will learn HTML code and build websites using HTML code. Students will also learn to use elements of Photoshop and the automated web based software program, Dreamweaver. The objective of this course is to learn to build professional web sites for clients, businesses and themselves. DECA Statement: This course provides curriculum support for a co-curricular DECA Club.

Family and Consumer Science

In the endeavor to prepare Eastlake students for their present and future roles, education must focus upon all elements of life. To fulfill these roles, FCS classes through the development of personal awareness and leadership, teaches skills and concepts necessary in the areas of consumer studies, foods, nutrition, child development and family life education. These classes are the vehicle for weaving the realities of life into the content of high school education.

Family and Consumer Science Grid

As you select courses, notice which graduation requirements they offer. Be sure that you are signing up for courses that will help you meet all of your requirements.

Family and Consumer Science Courses

Child Psychology I Grades 10, 11, 12

Do you love working with preschoolers? Do you want to learn how family dynamics and growth patterns affect all children? Take this class! We study the physical, emotional, social and intellectual development of children from conception through age 6 – the most dramatic growing period in human life. This class may help increase self-understanding and provide knowledge, skills and attitudes needed by both parents and professional childcare providers. The highlight is the opportunity to apply your knowledge and skills by working in the Wolf Cub Preschool Lab by preparing and implementing activities for the preschoolers.

Child Psychology II Grades 10, 11, 12

Prerequisites

Child Psychology I with a C or better.

Building upon knowledge and skills developed in Child Psychology I, you will spend increased time in the Wolf Cub Preschool Lab while focusing in class on special topics related to children including: family structures, temperaments, fatherhood, school age and adolescent development, birth order, birth defects and special needs children. The highlight is the opportunity to apply your knowledge and skills by working in the Wolf Cub Preschool Lab by preparing and implementing activities for the preschoolers

Life, Finances and You Grades 10, 11, 12

Learn the secrets of successful transition from living with your parents to living on your own. Learn the traits and habits of a “Successful Teen,” develop lifetime goals and identify 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 are: self-assessment of career interests, careers, employment, transportation, consumerism, housing and food (marketing and preparation). Culminating with “real-life” on-line scenarios to test your decision making abilities. Course Fee: \$5.00

Family and Consumer Science

Student Aid/Peer Tutor Grades 11, 12

This course will prepare each student to operate effectively, efficiently, and responsibly as a student in the Peer Tutor Program. The majority of the semester will be spent in direct tutoring. Initial training will involve instruction in several of the following areas: communication skills, learning styles, task analysis, teaching strategies, and management.

Teaching Academy Grades 10,11,12

Prerequisites

Registration application and instructor approval. Course fee: \$10.00.

Teaching Academy/Careers in Education is a 180-hours course designed to give students the “total teaching experience.” The first 90 hours of instruction begins in a traditional classroom setting. Students learn about and explore learning theories and styles, teaching methods, and classroom management. During this time, students complete observations in local elementary and junior high schools. It is through these observations that students begin to understand the differences in grade levels, development, and teaching styles. At the conclusion of the first 90 hours, students are placed with mentor teachers that match their grade and subject interest. During the second 90 hours they receive the practical, hands-on experience to complete their academic training. The Teaching Academy/Careers in Education is a college level course and offers the opportunity to earn college credit and/or waivers at colleges and universities in Washington State.

Requirements

All Seniors or any Junior with good academic/attendance standing. Must be able to provide own transportation for internship site.

Technology Education

Technology Education focuses on applying knowledge and skills of other academic disciplines by using critical thinking skills to seek answers to problems. Students work individually and in groups, using new and existing technologies, to create solutions that take into account the needs of society, the environment and the available technology.

Technology Education Grid

As you select courses, notice which graduation requirements they offer. Be sure that you are signing up for courses that will meet all of your requirements.

As the Advanced Literacy of Quantitative and Scientific Reasoning (QSR) is instated information will become available.

Technology Courses	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Engineering and Advanced Engineering, Materials Science I, Bio-technology	Students will have the opportunity to write one Level 5 QSR lab report in Materials Science I.

Technology Elective Courses

Materials Science Technology

1 Occupational Lab Science Credit or Elective Credit **Grades 10, 11, 12**

Materials Science Technology (MST) is a multidisciplinary approach to science and technology which teaches students to better understand the properties and uses of materials. It combines scientific theories, practical applications of technology, and hands-on experiences to prepare students to work in a technologically rich environment. The course is separated into the categories of Solids, Metals, Ceramics, Polymers, and Composites. A key feature of MST is the ability to use materials to solve problems. There is a \$60 course fee for project materials. This course can be used for lab science credit.

Materials Science Technology II

1 Occupational Credit or Elective Credit **Grades 11, 12**

MST II is a continuation of MST I. Students will be able to choose more of their own projects, based on the current unit of study. There is a \$60 course fee for project materials.

**Note: This course cannot be used for a lab science or tech prep credit*

Technology Education

Engineering

.5 Occupational Credit or Elective Credit



Grades 10, 11, 12

Engineering is a computer-aided design class which used Rhinoceros 3-D Modeling Software. Students may also be introduced to Solid Works software. In addition to learning computer-aided drafting skills, students will be required to apply their knowledge to solve design problems. Students may complete a project to be printed on the 3-Dimensional Printer. This course may be repeated and completion of 2 semesters (one full credit) may be applied towards the *Tech Prep* Sequence for college credit.

Advanced Engineering

.5 Occupational Credit or Elective Credit



Grades 10, 11, 12

This course is a continuation of Engineering I. Engineering 2 students will use Solid Works to create interlocking parts and print them to the 3-Dimensional Printer. Engineering 3 students will be able to choose more of their own projects, based on the current unit of study. There will be a focus on 3-D modeling and learning to use the 3-Dimensional Printer to create a product. Students will also spend part of their time working on a robotics project. This course may be repeated and completion of 2 semesters (one full credit) may be applied towards the *Tech Prep* Sequence for college credit.

Biotechnology

1 Science Credit or 1 CTE Credit



Grades 11, 12

If you like thinking about Biology, get ready to explore the exciting world of Biotechnology in this one year elective. You'll experience technologies that allow you to understand cells, proteins and DNA at the molecular level. In addition, we'll consider how these technologies are used to develop vaccines and pharmaceutical drugs, explore career opportunities, and discuss bioethical issues based on biotechnology research. Students in this class will have the opportunity to complete their Level 5 QSR Formal Lab Report and may be eligible to participate in the 2010 Student Bio Expo. According to Leroy Hood of Seattle's Institute of Systems Biology, "The 21st century will be the century of biology and medicine. We believe that during this century we will unlock their mysteries, transforming our understanding of the human body and discovering ways to predict, cure and even prevent disease." Are you ready? This class has a \$20 materials fee. Additionally, college credit will be offered through Shoreline Community College for an estimated \$25 fee. Prerequisite: Integrated Biology.

Fine Arts

Visual Arts, Performing Arts and Music

Fine Arts instruction at Eastlake High School is committed to the premise of a balanced, sequential, and articulated visual arts instruction that will both integrate the concept of visual literacy through the disciplines and provide for intensive individual studio opportunities. Process and technique are taught with respect for each individual's creativity and ability in the development of technical skills and craftsmanship.

To provide opportunities which allow students to expand their personal vision and develop their ideas and images, the following basic objectives of the Visual Arts Program include:

- provide a variety of experiences for the expression of ideas (hands-on activities).
- provide a variety of experiences for the expression of ideas (hands-on activities).
- provide a variety of experiences for the expression of ideas (hands-on activities).
- provide a variety of experiences for the expression of ideas (hands-on activities).

Fine Arts Grid - Visual

As you select courses, notice which graduation requirements they offer. Be sure that you are signing up for courses that will help you meet all of your requirements.

Fine Art Courses	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Art Foundation and Design	W: Persuasive Essay, Compare/Contrast Essay
Fear No Art	W: Compare/Contrast Essay, Persuasive Essay
Art Seminar I and II, AP Studio Art, Photoshop Graphics I and II	Not applicable

Students interested in taking AP Studio Art should consider: Sophomore year Art Foundation or Jumpstart Art, Junior year Art Seminar and/or Design, Senior year AP Studio.

Some colleges require specific year-long art courses. Students should check with their individual choices for verification. (ex. University of California school system has very specific fine arts requirements)

Fine Arts Elective Courses - Visual

Art Foundation

.5 Credit

Grades 10, 11, 12

This one semester course is designed to develop technical art skills such as drawing and painting as a means to understand the elements and principles of art. No previous experience is necessary. The focus of this class is on developing beginning basic skills in a variety of media. Come prepared to observe, explore, experiment and understand the artistic experience. A portfolio is developed over the course of this class. This course is a studio course and requires daily homework. \$25 art fee (based on building resources) and purchase of sketchbook.

Fine Arts

Design

.5 Credit

Grades 10, 11, 12

This one semester course is an introduction to design and creative expression. Students design images for two-dimensional and three-dimensional media using drawing, printmaking, graphics, and painting. No previous experience is necessary, and the emphasis is on personal expression, using both traditional and experimental ideas. Come prepared to develop personal strategies to solve aesthetic and conceptual problems. A portfolio is developed over the course of this class. The class requires daily homework, a \$25-\$40 art fee (based on building resources) and purchase of sketchbook.

Fear No Art

.5 Credit

Grades 10, 11, 12

This one semester course is designed to develop beginning art skills such as drawing, and painting, with a focus on art history and appreciation. No previous experience is necessary. The emphasis of this class is to build an understanding of significant works of art through the creation of personal art using basic skills in a variety of media. Come prepared to think like an artist and find the creative side of yourself! A portfolio is developed over the course of this class. The class requires daily homework, a \$25 art fee (based on building resources) and purchase of sketchbook.

Jumpstart Art

1 Credit

Grades 10, 11, 12

This year long course is an introduction to drawing, painting, collage, printmaking and mixed media. No drawing experience is necessary but students will learn how to observe, record, and express thoughts through a visual language. We will start with the fundamentals and all students will learn to draw with practice on a daily basis using their sketchbook and classroom objects and models. This sequential course will expose students to a variety of media and styles with the end result culminating in a portfolio of work that will prepare students to be successful in Art Seminar at Eastlake or any other intermediate level visual art course. A \$50 art fee (based on building resources) will be required by October 1st. Students will also be responsible for purchase of a sketchbook

Art Seminar I

1 Credit/Teacher signature required

Grades 11, 12

Prerequisites

Must take any combination of 2: Art Foundation, Design, or Fear No Art or Jump Start Art. An art teacher recommendation is required.

This is a year-long advanced level art experience for students entering with a minimum of two semesters' experience in Visual Arts at Eastlake. Students should have intermediate drawing skills. Students refine these skills with a focus on drawing, painting, and printmaking. In this class students discuss and evaluate their work in detail, develop and execute ideas for new work, observe techniques and artistic styles, evaluate the work of master and student artists through the study of slides and readings. A portfolio is developed over the course of this class. This course requires daily homework. \$50 art fee (based on building resources) and purchase of sketchbook.

Fine Arts

AP Studio Art

1 Credit/Teacher signature required

Grades 11, 12

Prerequisites

Must take any combination of two: Art Foundation, Design, or Fear No Art; and Art Seminar I, or one year of Jump Start Art. Art teacher signature required.

Student must attend informational meeting and have instructors signature to enroll. This class prepares the student for the AP Studio Art exam. All students enrolled in the class are required to take the AP exam. Students will produce 29 quality drawings and paintings to submit in the AP exam portfolio. Students must be prepared to spend 10 hours per week on art assignments outside of course. This is a Discipline Based Art Education Class in which students take an active part in describing, analyzing, interpreting, and critiquing their art work and the work of their classmates. Class time is divided into 4 segments with approximately these proportions: Studio 75%. Critiques 10%, Art History 10%, and Aesthetics 5%. All students will pay a \$80-\$100 art fee for the year (based on building resources). An additional exam fee must be paid at time of exam.

Fine Arts Elective Courses - Performing Arts

Drama

.5 Credit

Grades 10, 11, 12

Theatre is a vehicle that allows you to learn more about yourself and the world around you. In Drama we focus on acting skills, technical theater, dramatic literature, and audience involvement. Drama builds and enhances communication skills and self confidence. All levels of drama students are welcome.

Dance

.5 Credit This 18 week (one semester/.5 Credit) Fine Art or Wellness Credit

Dance your cares away. Learn basic ballet, modern, and jazz dance techniques and express your own originality. No prior dance experience is necessary, just an open mind and a willing body. This class will provide not only great exercise, but also an outlet for performance creativity. Advanced dance students will be able to add performances to their portfolio to demonstrate their knowledge and skills to create and perform a solo and/or ensemble piece.

Fine Arts

Fine Arts Elective Courses - Music

Improve your SAT and PSAT scores! Did you know that studies of academic tests show students excel dramatically when they participate in music performance classes? All students need meaningful learning opportunities in music at Eastlake. Through our many course offerings, we hope to challenge you to improve your performance skills, create new and exciting pieces of music in many styles, discuss and analyze musical works, and establish a lifelong love and enjoyment of music. In addition to the many "hands-on" activities, the music staff will also provide you with an opportunity to complete one or more of the communication literacies needed for graduation.

Vocal/Instrumental Performance	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Vocal Jazz Ensemble, Concert Choir	Not applicable
Concert Band, Jazz Ensemble, Piano Lab, Wind Ensemble, Orchestra	W: Compare/Contrast Essay
Guitar, Music Theory	Not applicable

Orchestra

1 Credit

Grades 9, 10, 11, 12

Prerequisites

A minimum of one year playing experience involving a violin, viola, cello, or string bass or by permission of the instructor.

Students will learn a variety of orchestral pieces, which will be performed both at school and in the community. We will focus on skill development and the technical aspects of playing string instruments as well as more general aesthetic qualities of music. Students may also participate in Northlake Music League contests and festivals and may try-out for All-State Orchestra. This course usually meets before school.

Concert Band

1 Credit

Grades 10, 11, 12

Prerequisites

An interest in music

Would you like to join band, but have never played an instrument? This is your opportunity to learn a band instrument or renew the skills that you may have learned in elementary school. This band will focus on contemporary band literature, basic musical concepts, and instrumental techniques. For the home football games, this band will combine with the Wind Ensemble to create the marching band, but the main focus for the year will be "concert music." A uniform fee of \$10-\$30 is required of all students.

Fine Arts

Wind Ensemble 1 Credit

Grades 11, 12

Prerequisites

Audition required or permission of instructor.

This group will focus on classics from the masters, concert marches, and contemporary pieces. Technical velocity, precision, musicality, and advanced musical concepts are emphasized. For the home football games, this band will combine with the Concert Band to create the marching band, but the main focus for the year will be "concert" music. A uniform fee of \$10-\$30 is required of all students.

Jazz Ensemble 1 Credit

Grades 10, 11, 12

Prerequisites

Audition only, Must be in other major performing ensemble.

Students will have the opportunity to experience combo performance and large ensemble work as well as to work on solo improvisation skills. The group will attend extra curricular jazz contests and festivals. Usually meets before or after school.

Guitar .5 Credit

Grades 10, 11, 12

This class is for the beginning guitarist. In this class, the student will learn how to apply basic musical concepts, such as rhythm, harmony, and melody to the guitar. At the end of this class you will be able to read and play basic chord symbols and melodies. Requirement: Student must provide his/her own acoustic guitar. Students are required to purchase the course textbook at the Eastlake Bookstore for \$17.

Vocal Jazz Ensemble 1 Credit

Grades 11, 12

Prerequisites

Participation is by audition only. All participants must be a participating member of another large school music ensemble (example: Wind Ensemble, Concert Choir, Orchestra)

This group will be comprised of vocalists and a rhythm combo (pianist, bass, drums, guitarist). The focus will be a variety of vocal jazz literature such as swing, blues, be bop and ballads. Attention is given to blend, balance, and stylistic details. Jazz theory, chord structure, and improvisation will be studied and performed. Performance opportunities will include school concerts, community performances, jazz festivals and competitions. This course usually meets before or after school. **Fee:** Performance Attire.

Piano Lab .5 Credit

Grades 10, 11, 12

The piano keyboard is the primary tool used in the class. The student and teacher establish levels of competency. Classical, pop, and jazz are all styles that could be developed by the students. Those students with previous piano experience are encouraged to use the time to develop their skills. Fee: \$15

Fine Arts

Concert Choir 1 Credit

Grades 10, 11, 12

Prerequisites

None

Students will learn a variety of choral literature, which will be performed both at school and in the community. Through the literature the focus will be good, healthy vocal production, music theory and sight-reading. Literature from a variety of genres will be learned which will allow students to explore the history and context of the desired ensemble sound. Students will also participate in Northlake Music League Concerts and Festivals; students may also try-out for Honor Choir.

Music Theory .5 Credit

Grades 10, 11, 12

Prerequisites

None

This class is for students with no prior musical experience or students with a strong musical background. Emphasis is placed on understanding the symbols and rules of the musical language. Software will be used to enhance ones ability to understand and compose musical compositions. Components covered will be: basic music notations, theory, and ear training. Students are required to purchase the course textbook at the Eastlake Bookstore for \$21.

Music Technology .5 Credit

Grades 10, 11, 12

Prerequisites

None

Music Technology will provide hands on learning through the use of midi computer labs and up-to-date software that will help students create compositions, print and publish them. Students will learn basics of music theory, music/song writing and publishing. Team work and research will be emphasized. At the higher levels of this class, recording equipment is available to record and reproduce their work.

AP Music Theory 1 Credit

Grades 10, 11, 12

Prerequisites

A grade of A in Music Theory class or a prerequisite exam (given on an individual basis in the spring of the previous year) with a minimum grade of B+.

This year long course is a college level music theory course covering both music composition and ear-training. This class will include the fundamentals of music theory, part writing, analysis, dictation and sight singing. This course is designed to prepare the high school student for the advanced placement exam in music theory. Students are required to purchase the course workbook.

Humanities

English/Social Studies

The English/Social Studies course of studies at Eastlake is a program designed to encourage students to become actively engaged, thinking persons. All courses emphasize the acquisition and development of the skills of disciplined reading, discussion and oral presentation, as well as mastery of various forms, modes and strategies of written composition. From the richness of ideas and events explored in the study of literature, history and the arts, the student can recognize and appreciate the varieties of the human experience and gain an understanding of the power of the mind. Sophomore and Junior English/Social Studies uses an integrated curriculum to promote learning and to provide students with the knowledge and skills to live in a diverse and complex world. Students cultivate a cultural literacy encompassing history, literature, government, economics, religion, philosophy and the arts. The Eastlake experience helps students to reach sound conclusions, respect other points of view, develop sensitivity to diversity, make personal choices, and develop into responsible citizens. The senior curriculum emphasizes analysis (both written and oral) and the Culminating Project. Seniors also take U.S. Citizenship.

Honors Philosophy

Honors Humanities classes are offered at the junior and senior level at Eastlake High School. Juniors may self-select into the AP/Honors section of American Studies, and seniors may apply to take UW Composition, AP English, and/or AP American Government. However, Honors Humanities is not offered at the sophomore level. The faculty members at Eastlake are committed to the philosophy of the integration of disciplines. (The sophomore humanities courses are integrated with science, and this beneficial configuration of courses would not be possible if an honors section were to be offered.) In looking at the needs of our students and our guiding philosophies of integration and academic inclusion, we have, therefore, made the decision not to offer a sophomore honors section. During the sophomore year we teach our students the skills and strategies required to be successful on the Level 5 Writing Requirements. Level 5 refers to our graduation requirements in the Lake Washington School District which students meet in 11th and 12th grade. Many sophomores will not yet meet the graduation standards for these writing requirements. Sophomores who do meet the requirements will be allowed to put these items in their graduation portfolios. They will have the opportunity to work on new samples of these essays during subsequent years so that they can reach higher levels of proficiency.

Humanities

Humanities Grid

Level 5 refers to our graduation requirements in Lake Washington School District which students meeting the 11th and 12th grades. During the sophomore year we teach our students the skills and strategies required to be successful on the Level 5 Writing Requirements. Many sophomores will not yet meet the graduation standards for these writing requirements. Sophomores who do meet the requirements will be allowed to put these items in their graduation portfolios. They will have the opportunity to work on new samples of these essays during subsequent years so that they can reach higher levels of proficiency.

Humanities Courses	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Sophomore World Studies	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay
Junior American Studies	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay
AP American History/ Honors American Literature	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay
Senior Connections	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay CP: Culminating Project Paper and Speech
University of Washington Composition	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay CP: Culminating Project Paper and Speech
AP English	W: Compare/Contrast Essay OR Cause/Effect Essay, Literary Analysis Essay, and Persuasive Essay CP: Culminating Project Paper and Speech
U.S. Citizenship and AP American Government	W: Persuasive Essay
Humanities Electives	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Comparative Religions	W: Compare/Contrast Essay, Persuasive Essay
Science and Society (cross-credited with Science)	W: Persuasive Essay
Creative Writing, Journalism, Speech and Debate, Yearbook	Not applicable

Humanities

Humanities Required Courses

Humanities World Studies

One Year/1 Credit World History/1 credit World Literature

Grade 10

This course involves a variety of themes, but the focus is on world history, world literature, and the arts. A team of teachers working in a flexible time schedule directs the course. Students study the political, economic, literary, and artistic heritages which have shaped the modern world. Students in the class expand their skills by writing in a variety of formats, listening, conducting research, and increasing their capacity to work effectively with others.

Junior American Studies

1 Credit Language Arts/1.0 credit American History

Grade 11

This course uses literature, history, the arts and the media to explore the development of America. Students will study the political, economic, literary, and artistic heritage that has shaped our society. Current events will be used to study the most recent developments in our culture and history. Students will develop skills in writing, reading, research, discussion, and critical thinking through study of our American civilization. Students will also develop their abilities to work effectively with others as well as to work independently. Units of study are based on essential questions.

Social Studies 12 - U.S. Citizenship in the Modern World

.5 Credit /1 Semester

Grade 12

This course prepares students for their role in a participatory democracy. The class focuses on the structure, processes and issues of government, and on the rights and responsibilities of the citizen. Using content of the class, students apply their skills in writing, listening, reading and speaking and working with others.

English 12 - Senior Connections

1 Credit Language Arts

This course fulfills the twelfth grade English requirement for graduation. The course focuses on strengthening skills in reading, writing, and speaking. Students will have opportunities to meet Level 5 writing requirements. Students must pass this course and the Culminating Project to graduate from Eastlake. The Culminating Project is a stand alone graduation requirement. Students must have senior credit status to be enrolled in this course; there are no other prerequisites.

Humanities

Humanities Elective Courses - Advanced Placement Humanities Courses

An AP/Honors option is available for juniors and seniors seeking advanced coursework. Advanced Placement classes are taught at the college level and are offered based upon adequate enrollment. It is expected that a student will commit to a full year when registering for any AP class. Moreover, in certain classes students will be expected to purchase a textbook and/or other materials.

Advanced Placement American History/Honors English Block

2 Credits/Teacher signature required

Grade 11

Recommendations

"B" average in humanities classes.

This course is designed to provide students with the analytical skills, reading/writing abilities, and factual knowledge necessary to deal critically with the problems and issues of American culture. The course not only meets the requirements for American history and American literature, but also prepares students for the AP American History examination. The aim of the course is to provide students with a learning experience equivalent to that obtained in most college introductory American History courses. Successful completion of the examination may result in students obtaining college credit for introductory American History. Admission is based on teacher recommendation and AP teacher interview.

Student Learner Traits: This class not only builds and strengthens but also requires strong skills for success. Due to the extensive homework (1-2 hours per night) and work on reading comprehension skills, test-taking abilities, and writing skills, only students who demonstrate initiative and who desire challenging learning experiences should apply for admission.

Advanced Placement English

1 Credit/Teacher signature required

Grade 12

Recommendations

B average in Humanities classes

This is an honors level option for the 12th grade English requirement, for which college credits may be earned by passing either one of the two AP English exams in the spring. Students in this section receive 1.0 credit in AP English and are expected to prepare diligently for, and take, one of the AP English exams in May. Students will be expected to purchase an AP workbook and to provide some of their own books (paperbacks) for the course. Students in this class will follow the authorized A. P. Curriculum. (They will also participate in the Senior Project.)

Advanced Placement American Government

1 Credit/Teacher signature required

Grade 12

Recommendations

"B" average in humanities classes.

This course is designed as a college level introductory American Government class. A primary goal of the class is to prepare for the Advanced Placement examination which is given each spring and which may give college credit. Overall it is intended to develop writing, speaking, and organization skills and to provide a thorough knowledge of information and topics related to American government. Students will review major political documents, such as the Declaration of Independence and Federalist papers, examine and analyze basic government institutions, including the courts, Presidency, bureaucracy, and Congress, and become aware of the political process, such as elections, civil rights, and the freedoms inherent in the Bill of Rights. The class will include regular reading of a college level text, advanced

Humanities

level political articles, and the analysis of trends in contemporary politics. This class must be taken for a full year to satisfy the U.S. Citizenship graduation requirement. Admission based on writing sample and teacher recommendations.

UW/College Composition
1 Credit /Teacher signature required

Grade 12

Recommendations

B+ average in English, proficiency in Level 5 essays before enrollment.

This is the honors option to Senior Connections. Students work on writing for college: extensive use of writing groups and conferencing in response to challenging texts. Types of essays will include argument, analysis, narrative, and responses to literature. Writers will experiment with tone, voice, stance, and writing for various audiences and purposes. Two hours homework many nights. Students who opt to take this course for UW credit can receive 5 quarter hours for UW Eng. 131 first semester, and 5 for UW Comp lit 240 second semester. Students in this class will participate in the Senior Project. Students buy their textbooks each semester, and must take both semesters. A fee of \$285 UW tuition is charged per semester. Check with your college choices regarding acceptance of this credit. Dual credit with AP English will not be awarded by most colleges. Admission based on writing sample and teacher recommendations.

Creative Writing
.5 Credit

Grades 10, 11, 12

Students develop the ability to write poetry and prose. Students who like to write imaginatively and want to learn how to improve their writing should enroll in this course.

Speech and Debate
.5 Social Studies or English Credit

Grades 10, 11, 12

Students in Speech and Debate will be introduced to formal logic and become comfortable and adept at preparation, delivery, and strategies for competitive speaking events. Debate events include Public Forum, a two vs. two team debate focused on a current issue, and Lincoln-Douglas Debate, a one-on-one structure about a philosophical issue. Intensive research and rehearsal are expected, as well as a knowledgeable and civil debating style. Additionally, students will prepare and deliver two other speeches from other forensics events (memorized interpretation, original oratory, impromptu speaking, and expository speaking). Beginning students will work to sustain confidence in their speaking skills. Advanced students will work to perfect their specialties and encourage beginning students. As part of this course, students will be required to attend and compete in at least one speech and debate tournament or other out-of-class demonstration. Students interested in competing for Eastlake's Speech and Debate Team are especially encouraged to enroll, as the class will provide a time and venue to practice and improve. This course provides curriculum support for a co-curricular Debate Club.

Humanities

Journalism
.5 or 1 Elective and/or English Credit

Grades 10, 11, 12

Students develop the ability to write clear, balanced, well-researched articles about real life situations, while participating in the production of the school newspaper. Students interested in any aspect of producing a newspaper, including interviewing, writing, photography, page design, selling ads and computer layout should enroll. Some after school time is required.

Science and Society
.5 Social Studies Credit or .5 Science Credit

Grade 12

Prerequisites

Successful completion of one semester of Integrated Biology.

An issue centered course primarily for seniors in which students will use a philosophical approach to investigate the dilemmas that science and technology have created in modern society. Students will be expected to investigate and actively problem solve selected issues that are presently being debated by scientists, politicians, and philosophers. Topics are generally of a controversial nature (i.e. Physician Assisted Suicide, Newborns without Brains as Organ Donors, Ethics of Human Cloning). Upon completion of this course, students will have a heightened awareness of the impact that scientific discoveries have on society and will have developed skills in decision-making. They will also have developed the necessary skills to present their findings both in written and oral presentation.

Comparative Religions
.5 Social Studies Credit

Grade 11, 12

The purpose of this one semester elective is to provide the student with the background and understanding of the 5 major religions of the world. This course will study the beliefs of these religions and their impact on the politics, economics, and cultures of the world. Religions surveyed in this course will include: Hinduism, Buddhism, Judaism, Islam, and Christianity. Additionally, students will be encouraged to research other religious movements and beliefs.

Yearbook
1 General Elective Credit/Teacher signature and interview required

Grades 10, 11, 12

Yearbook provides an opportunity to learn about photography, copywriting, layout design, art work, and computers. The class results in the publication of Eastlake's yearbook and requires involvement, team work, motivation and the willingness to work after school, especially during deadline times. Homework varies greatly. Students must be willing to work after school, especially during deadline times. Photographers will take pictures after school and at night.

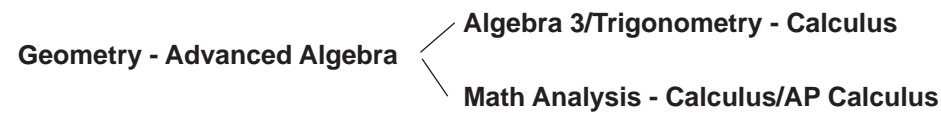
Psychology
.5 Social Studies Credit

Grades 11, 12

The course will introduce students to the fascinating field of psychology. Psychology is about the individual; how people function and why they do the things they do. The course will focus on small group work, hands on experiments, and problem solving. You will discover the different theories about personalities. You will understand how memory and learning works, as well as intelligence. You will also study personality disorders and addictive behaviors. If you are interested in understanding people and their behavior, then this class is for you!

Mathematics

All mathematics courses at Eastlake High School place emphasis on the National Council of Teachers of Mathematics standards. In all areas of study, importance is placed on investigating real data, recognizing patterns, proposing mathematical models, testing those models, making predictions based on the model, reflecting and communicating work. A progression of courses at Inglewood/Evergreen Junior High Schools and Eastlake High School could look as follows:



AP Statistics can be taken after Math Analysis, and concurrently with any advanced math course after Math Analysis.

Ninth grade students may enroll on a space available basis in Math courses at EHS. Students must have demonstrated "A" level work in previous mathematics courses and have the recommendation of their Jr. High mathematics instructor. Arrangements must be made through an EHS counselor to facilitate placement.

Mathematics Required Courses

A minimum of 2 credits in math are required for graduation. It is recommended that sophomores and juniors take mathematics. Washington state universities have changed the requirements for admission. Students must now have three credits of math to apply and they must have taken a math course their senior year. "Math Analysis" / "Pre-Calculus"; however, Algebra, Geometry and Advanced Algebra are the minimum entrance requirement. Students expecting to major in math-related fields should finish calculus if at all possible.

Calculators

A TI-83 Plus graphing calculator is highly recommended for all math students.

Teacher Approval: You must receive current (or last if not currently enrolled) mathematics teacher's approval before registering in a mathematics course.

Mathematics Grid

As the Advanced Literacy of Quantitative and Scientific Reasoning (QSR) is instituted, information will become available.

Mathematics

Geometry 1 Credit

Prerequisites

Minimum grade of C in an Algebra I mathematics course.

This course has a strong geometry/logical reasoning strand that includes such topics as inductive and deductive reasoning, coordinate geometry in two and three-dimensions, implications, arguments, and postulates in algebra. Students write two-column, paragraph, and flow proofs about similar and congruent figures. Problem solving and transformations are emphasized. Other topics include special right triangles, circles, probability, Pascal's triangle, and the use of graphing utilities and calculators. A student may be spending 30 to 60 minutes daily on investigations outside of the specialized class time.

Advanced Algebra 1 Credit

Prerequisites

Minimum grade of C in Geometry or equivalent mathematics course.

This class satisfies college entrance requirements for Advanced Algebra. Subjects include a continuation of Algebra incorporating geometric concepts for analytic geometry, linear and quadratic equations, exponential functions, logarithmic functions, inequalities, systems of equations and expansions of the number system to include the complex numbers, and additional development on the concepts of sequences, function and relation. A student may be spending 45-90 minutes daily on investigations outside of the specialized class time. A graphing calculator is required.

Algebra 3 with Trigonometry 1 Credit/One Year

Grades 11, 12

Prerequisites

A "C" or better in Advanced Algebra.

This course will cover an in depth study of functions, quadratic, polynomial, rational, absolute value, exponential and logarithmic. It will also include a study of trigonometry, trigonometric functions, law of sines and cosines, trigonometric identities and equations. A graphing calculator is required to take this course. Students can expect to study 45-60 minutes daily outside of class.

Math Analysis/Pre Calculus 1 Credit/One Year

Grades 10, 11, 12

Prerequisites

A "B" or better in Advanced Algebra.

This course is designed for the serious math student and prepares the student for further rigorous study in mathematics. This class satisfies college entrance requirements for Math Analysis and includes one semester of Trigonometry. Subjects include math topics such as polynomial, rational, absolute value, piece-wise, exponential and logarithmic functions, sequences, series, the conic sections, trigonometry including vectors and polar coordinates. A graphing calculator is required for this class. Students can expect to study 45-60 minutes daily outside class.

Mathematics

Calculus

1 Credit/One Year

Grades 11, 12

Prerequisites

Need "C" or better from Algebra 3 with Trigonometry or Math Analysis.

This course is designed for students who may go into the sciences or business in the future. It is not designed to replace the Calculus experience in college, but to ensure that students will be successful in the endeavor. The students will study trigonometry, polynomial and rational functions, sequences and series, limits, derivatives, rates of change, differentiation, and the use of graphing calculators in reference to the study of Calculus. A student may spend 45 minutes daily on investigations outside the classroom.

AP Calculus

1 Credit

Prerequisites

Minimum grade of B in Math Analysis.

Subjects include limits, derivatives, various methods of integrations, Riemann sums, definite and indefinite integrals, differential and integral calculus, which will prepare you for advanced placement in college calculus and taking the AB calculus exam. A student may be spending 45 to 90 minutes daily on investigations outside of the specialized class time. Students will need to purchase the Barrons AP Practice Workbook on their own.

AP Statistics

1 Credit

Prerequisites

Grade of B or higher in Math Analysis.

AP Statistics is a college level course in statistics. Credit or placement at most universities can be earned through a score of 3 or higher on the Advanced Placement Statistics Exam offered in May. Course topics include: graphical and numerical summaries of data sets, techniques for establishing confidence intervals and testing hypothesized parameter values. In addition, students learn to perform surveys and conduct and analyze experiments involving one or two variables. A student will need a TI 83 Plus Calculator which includes a statistics packet which coordinates with the existing curriculum. Recommendation: Student purchase of textbook and/or computer version of ActivStats.

AP Calculus BC

Prerequisites

B or better in AP Calculus AB

This course is a continuation of the AP Calculus AB course. The pace and curriculum of the course is equivalent to the third quarter of first year calculus at a university. In the first half of the course students work with infinite and power series. Students learn to find a Taylor series for a number of transcendental functions and use these series to approximate transcendental functions, solve differential equations, and solve indefinite and definite integrals. The second half of the course is devoted to the calculus of vectors. Students learn to extend previously learned concepts about differentiation and integration to vectors.

Physical Health/Wellness

At Eastlake High School we believe that an individual's quality of life is enhanced by their ability to develop and maintain a habit of physical fitness. Therefore, the Wellness Department's philosophy is to offer courses founded in the principles of musculoskeletal and cardiovascular fitness and the understanding and application of healthy lifestyles.

Each student is required to earn 1.5 credits in Wellness prior to graduation (9th through 12th grade). Students have the flexibility to choose from a variety of courses representing a breadth of interests. Each class will utilize a standard assessment to assist students in evaluating their personal fitness levels and work with instructors to meet appropriate fitness levels.

Physical Health /Wellness Required Courses

Fitness/Conditioning Exploration

.5 Credit

Grade 10

This course develops and enhances the skills of weight lifting, aerobics activities, core development, flexibility and agility, the understanding of why and how fitness affects the whole being. It is our intent to integrate this class across the disciplines to develop the student's awareness that fitness is interrelated to all aspects of life.

Physical Health/Wellness Elective Courses

Care and Prevention Of Athletic Injuries

.5 Credit

Grades 11, 12

Prerequisites

This class is for juniors and seniors who have taken a year of Integrated Science. This class will cover recognition, prevention and treatment of athletic injuries. The student will be required to learn basic anatomy (muscles, tendons and bones) and first aid techniques as applied to sports injuries. Taping techniques will be taught for various athletic injuries.

Physical Health/Wellness

Racquet Sports

.5 Credit

This course is for all ability groups who want to develop and enhance physical fitness and the skills necessary to play and enjoy a variety of racquet sports. Badminton, pickleball, table tennis and tennis are taught with an emphasis on game play after the basic skills have been mastered.

Team Sports

.5 Credit

This course is for all ability groups as a means of promoting physical fitness in a team setting. Sports such as basketball, lacrosse, soccer, softball and volleyball are taught with emphasis on game play after mastery of basic skills.

Lifetime Sports

.5 Credit

This course will offer students of all ability levels the opportunity to travel off campus for some activities during the semester. These may include a golf driving range, bowling alley, yoga/pilates, rock climbing, swimming, and kickboxing. On campus activities will include: physical fitness, archery, golf, softball, ultimate frisbee, volleyball, table tennis, dance, jumpropping, and badminton. Some additional activities may be selected by the students. A lab fee of \$60.00 will be charged to each student to pay for bus transportation and admission fees.

Aerobics

.5 Credit

Aerobics is a total fitness course with emphasis on aerobic and core strength training. The bench aerobic routines are easy to learn and emphasize athletic movements. Core strength is developed through weights and abdominal exercises. Are you looking to get in great shape and develop lean muscle mass while increasing your coordination? Do you want to raise your energy level while feeling better overall? Then aerobics is the class for you!

Strength and Conditioning - Basics

.5 Credit

This course concentrates on the development of functional strength in order to enhance ones personal fitness. This 18-week course progresses the individual through phases of strength training coupled with appropriate movement exercises. In addition, a heavy emphasis is placed on flexibility and core body development. Fitness goals, proper lifting techniques and safety are reinforced throughout the semester.

Strength and Conditioning - Advanced

1 Credit

This is a two semester, 1.0 credit course which offers the opportunity for the individual to continue his/her progress for an entire year. The continuation of the course presents the opportunity to introduce the Olympic Lifts as means of personal fitness and athletic performance. Safety, muscle flexibility, movement exercises are emphasized in coordination with core musculoskeletal development in

Physical Health/Wellness

Dance

.5 Credit This 18 week (one semester/.5 Credit) Fine Art or Wellness Credit

Dance your cares away. Learn basic ballet, modern, and jazz dance techniques and express your own originality. No prior dance experience is necessary, just an open mind and a willing body. This class will provide not only great exercise, but also an outlet for performance creativity. Advanced dance students will be able to add performances to their portfolio to demonstrate their knowledge and skills to create and perform a solo and/or ensemble piece.

Health

This course is integrated throughout the various disciplines and the advisory groups. The health curriculum, decision-making and goal-setting, interpersonal relationships, body systems, drugs/alcohol, AIDS, mental health, nutrition, fitness, infectious/chronic diseases and sex education are developed and organized so the student is able to recognize the connection between the various topics and how they relate to the overall curriculum.

Science

Science at Eastlake High School provides courses of study for those students planning on entering college as well as those planning on entering vocational training. For the college-bound, advanced programs will be offered which will enable the student to earn college credit while still in high school. All college-bound students should take Biology, Chemistry and Physics. For those pursuing a science or technological career, AP classes are highly recommended. For those with a strong interest in science or who intend to pursue a vocational career, a variety of electives are offered.

Students typically take one science a year in the following order; Biology, Chemistry, and then Physics. Students who intend to take both AP Science programs (AP Biology and AP Chemistry) should take Chemistry as an elective concurrently with Biology during their sophomore year. Additional electives such as Horticulture, Human Physiology, Environmental Science and Science and Society are offered, as well as technical classes (Material Science).

Most of the science courses are laboratory based (as defined by Higher Education Coordinating Board) with hands-on activities. Global awareness is an emphasis in all courses as students learn the environmental impact of human actions. Science literacy is increased by frequent problem solving opportunities using laboratory and mathematical skills. Social and political issues are integrated into all courses. Communication skills are also critical to the courses and students are required to use verbal, written and artistic methods to present their work. Career information is presented in all courses.

Science Core Courses Grid

As you select courses, notice which graduation requirements they offer. Be sure that you are signing up for courses that will help you meet all your requirements.

Science Core Courses	Advanced Literacy: Communications Reading - R, Writing - W, Speaking - Sp, Culminating Project - CP
Science and Society (cross-credited with Social Studies) (NOT A LAB SCIENCE)	W: Persuasive Essay
GW]YbWY'7cfY'7c ifgYg'	5X jUbWYX'@]hYfUWm.'E i Ubh]hUh]jY'/'GW]Ybh]ÚW' FYUgcb]b['
Biology, Chemistry, Environmental Science, Material Science, Physics, AP Chemistry, AP Biology, Horticulture, Biotechnology	Formal Laboratory Report *

***Level 5 QSR - Formal Lab Report**

Science

Science Required Course

Integrated Biology 1 Science/Lab Credit

“Biology, the study of life, is rooted in the human spirit. People keep pets, nurture house plants, invite avian visitors with backyard birdhouses, and visit zoos and nature parks. This behavior expresses what Harvard biologist E.O. Wilson calls biophilia, an innate attraction to life in its diverse forms. Biology is the scientific extension of this human tendency to feel connected to and curious about all forms of life. It is a science for adventurous minds. It takes us into jungles, deserts, seas and other environments, where a variety of living forms and their physical surroundings are interwoven into complex webs called ecosystems. Studying life leads us into laboratories to examine more closely how living things, which biologists call organisms, work. Biology draws us into the microscopic world of the fundamental units of organisms known as cells, and into the sub-microscopic realm of the molecules that make up those cells. Our intellectual journey also takes us back in time, for biology encompasses not only contemporary life, but also a history of ancestral forms stretching nearly four billion years into the past. You are becoming involved with biology during its most exciting era. Using fresh approaches and new research methods, biologists are beginning to unravel some of life’s engaging mysteries”.
(from Biology - Campbell, 1996)

The course curricula is organized around the teaching of key concepts and ideas in cells and their functions, viruses and bacteria, protists, the immune system, fungi, genetics and nucleic acids, evolution, plants, animals and environmental issues. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

Science Elective Courses

Biotechnology 1 Science Credit or 1 CTE Credit

Grades 11, 12

Prerequisites

Successful completion of Integrated Biology.

If you like thinking about Biology, get ready to explore the exciting world of biotechnology in this one year elective. You’ll experience technologies that allow you to understand cells, proteins and DNA at the molecular level. In addition, we’ll consider how these technologies are used to develop vaccines and pharmaceutical drugs, explore career opportunities, and discuss bioethical issues based on biotechnology research. **Students in this class will have the opportunity to complete their Level 5 QSR Formal Lab Report** and may be eligible to participate in the 2009 Student Biotech Expo. According to Leroy Hood of Seattle’s Institute of Systems Biology, “The 21st century will be the century of biology and medicine. We believe that during this century we will unlock their mysteries, transforming our understanding of the human body and discovering ways to predict, cure and even prevent disease.” Are you ready? This class has a \$20 materials fee. Additionally, college credit will be offered through Shoreline Community College for an estimated \$25 fee. Prerequisite: Integrated Biology.

Science

Chemistry 1 Science/Lab Credit

Prerequisites

Take concurrent with, or successful completion, of Integrated Biology and successful completion of Geometry

Everything that you use, eat, buy, or touch is a chemical. This course will help you understand common day-to-day phenomena. Most environmental, technological, medical and biological phenomena are chemical in nature. Products that you use and the waste that you generate affect the world around you. It is important to your future that you make informed decisions and not rely solely on the opinion of "experts". This course is also designed to prepare you to directly enter college chemistry. It provides background for technical programs at the vocational level. In addition, it will be preparation for the higher level thinking that is required in the jobs of the future. NOTE: Students who intend to take both AP science programs (AP Biology and AP Chemistry) should plan to take Chemistry concurrently with Biology during their sophomore year. There is a \$15 lab fee for this course. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

Physics 1 Science/Lab Credit

Prerequisites

Integrated Biology and Advanced Algebra are required. Chemistry is highly recommended.

Eastlake Physics is a course designed to help students appreciate and understand the factors behind everyday events. From athletics and cars to games and life, Physics is a part of everything around us. We will use a variety of methods to analyze and draw conclusions about how the physical environment operates and how we can use this knowledge. The course will require active participation and the laboratory work will include technology to better see these relationships. This course is designed to help students think and analyze problems with real examples. We will cover kinematics, dynamics, momentum, energy, electricity, sound and light (depending on time). There is a \$15 lab fee for this course. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

AP Biology 1 Science/Lab Credit

Prerequisites

Successful completion of Integrated Biology, Chemistry, Geometry, AP instructor's signature and current science teacher's recommendation.

This course is designed to be the equivalent of a college introductory (1st year) biology course taken by biology majors. Successful completion of the AP exam at year's end may result in upper-level biology course enrollment in college or registration in courses for which biology is a prerequisite. AP Biology is academically rigorous, includes complex labs, and covers biochemistry, cells and energy transformation; molecular genetics, heredity and evolution; animals, plants, ecology and principles of taxonomy. In addition to normal class time, students may spend 5-7 hours outside class completing lab work during weeks with labs and 6-8 hrs/week outside of class for reading and unsupervised study. Students should expect the work to be extremely difficult. Reading is an absolute must for this class. Students are expected to purchase the college text and lab manual for this course. There is a \$15 lab fee for this course. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

Science

AP Chemistry 1 Science/Lab Credit

Prerequisites

Chemistry teacher signature, 1st year Chemistry, Advanced Algebra

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students will be expected to take the Advanced Placement exam at the end of the year. If successful in this test, students will be able to undertake, as college freshman, second year work in chemistry at some schools, or register in courses in other fields where general chemistry is the prerequisite.

Advanced chemistry will be academically rigorous. It is assumed that each student will spend at least 4 hours a week in unsupervised study. Students will have the option of purchasing the text, *Chemistry*, sixth edition, by Zumdahl. There is a \$15 lab fee for this course. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

Environmental Science .5 Science Credit

Grades 11, 12

Prerequisites

Successful completion of one semester of Integrated Biology

Students will study global as well as local environmental issues including air, water and land pollution, and alternative energy. Emphasis in this course is on the environment around the Puget Sound. Reading, class discussion, projects, labs, and guest speakers will be an important part of this program. There is a \$15 lab fee for this course. **Students will have an opportunity to satisfy the Level 5 QSR requirement for writing a formal laboratory report.**

Horticulture .5 Science Credit

Grades 11, 12

Prerequisites

Successful completion of one semester of Integrated Biology

Students in Horticulture explore plants and their environments. The class emphasizes hands-on experiences in growing plants and in using plants as a medium to study science. Students become familiar with the more common plants, trees and flowers of the Pacific Northwest. The semester allows time for the students to work on their own production and landscaping. The students also use the greenhouse to learn how to grow and care for house plants, seedlings and newly propagated plants. \$40 will be charged to cover the costs associated with the projects that the students take home from class. **Students will have the opportunity to satisfy the Level 5 QSR requirement for writing a formal lab report.**

Human Physiology and Emergency Response .5 Science Credit

Grades 11, 12

Prerequisites

Successful completion of one semester of Integrated Biology

The students will learn to recognize and treat traumatic injuries and sudden illnesses. Human physiology will be integrated into the study of the treatments so that the cause and cures are understood. Anatomy of each injury will also be covered. Students may earn the American Red Cross Emergency Response and the CPR for the Professional Rescuer Certifications (60 hours of training). This is a high intensity program for those interested in helping others and becoming trained in health science careers such as physical therapy, medicine, athletic training and emergency medical technician fields or those who wish to know how to respond to emergencies. There is a \$15 lab fee for this course.

Science

Human Anatomy and Physiology with Emergency Response

1.0 Science Credit

Grade 11, 12

Prerequisites

Successful completion of one semester of Integrated Biology

This is a yearlong study of Human Anatomy and Physiology with emergency response training. The students will learn to recognize and treat traumatic injuries and sudden illnesses. Human Anatomy and Physiology will be extensively covered throughout the year, with an emphasis on dissection and comparison of organisms. This gives a hands on look at the structures of the human body and how they work. Students may also earn the American Red Cross Emergency Response and the CPR for the Professional Rescuer Certifications (60 hours of training). This is a high intensity program for those interested in medicine or science as a career. There is a \$20 lab fee for this course.

Science and Society

.5 Science Credit or .5 Social Studies Credit

Grade 11, 12

Prerequisites

Successful completion of one semester of Integrated Biology.

An issue centered course primarily for seniors in which students will use a philosophical approach to investigate the dilemmas that science and technology have created in modern society. Students will be expected to investigate and actively problem solve selected issues that are presently being debated by scientists, politicians, and philosophers. Topics are generally of a controversial nature (i.e. Physician Assisted Suicide, Newborns without Brains as Organ Donors, Ethics of Human Cloning). Upon completion of this course, students will have a heightened awareness of the impact that scientific discoveries have on society and will have developed skills in decision-making. They will also have developed the necessary skills to present their findings both in written and oral presentation. **Students will have the opportunity to write a persuasive essay report scored on Level 5 criteria.**

Materials Science Technology

1 Occupational or Lab Science Credit

Grades 10, 11, 12

Material Science Technology (MST) is a multidisciplinary approach to science and technology that teaches students to better understand the properties and uses of materials. It combines scientific theories, practical applications of technology, and actual hands-on experiences to prepare students to work in a technologically rich environment. The course is separated into the categories of Solids, Metals, Ceramics, Polymers, and Composites. A key feature of MST is the ability to use materials to solve problems. There is a \$50 course fee for project materials. This course may be applied towards the *Tech Prep* sequence. **Students will have the opportunity to write a formal laboratory report scored on Level 5 criteria.**

Special Education

Eastlake High School offers a spectrum of services for students on individual education plans. The special education department is designed to be flexible and responsive to the student's skill level and IEP goals. Students are allowed to take regular classes, with additional classes offered to help the student be successful and earn credit toward graduation. Eastlake 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 specified in the IEP.

Transitional Math

1 Credit

Prerequisites - Enrollment by signature of IEP Provider.

This course is designed to give students an alternative to the regular math curriculum by offering material that will cover practical, consumer and business applications, as well as pre-algebra, algebra, and geometry concepts in real world applications.

Practical English I

1 Credit

Prerequisites - Enrollment for sophomores; signature by IEP Provider.

This course is designed to meet the graduation requirements in English while providing meaningful specially designed instruction in the areas of reading and writing.

Practical English II

1 Credit

Prerequisites - Enrollment for juniors, by signature of IEP Provider.

This course is designed to meet the graduation requirements in English while providing meaningful specially designed instruction in the areas of reading and writing.

Practical English III

1 Credit

Prerequisites - Enrollment for seniors, by signature of IEP Provider.

Course is designed to meet graduation standards in English while providing meaningful specially designed instruction in reading and writing. Support for the culminating senior project is also provided.

Applied World History

1 Credit

Prerequisites - Enrollment for sophomores; signature by IEP provider

This course is designed to improve reading and writing skills for students on an IEP while learning World History. The course meets the requirements for Social Studies

Applied American History

1 Credit

Prerequisites - Enrollment for juniors; signature by IEP provider

This course is designed to parallel the general education curriculum while improving reading and writing skills for students on an IEP. The course meets the requirements for Social Studies.

Special Education

U.S. Citizenship in Practice

.5 Credit

Prerequisites - Enrollment for seniors; signature by IEP provider

This course is designed to improve reading and writing skills for students on IEP while learning citizenship and government curriculum. The course meets the requirements for Social Studies.

SDI

1 Credit

Prerequisites - Enrollment by signature of IEP provider

This course is designed for IEP students to receive direct instruction on specific goals and objectives based on their IEP. Time will be allowed for implementation and demonstration of acquired skills using curriculum from general education classes. Direct teaching of study skills and strategies for use in high school and beyond will also be incorporated.

World Languages

The World Languages Department supports the belief that languages are essential for success in a culturally diverse community. The department serves as the primary resource for information for all students of language and is dedicated to providing a place where all students are able to access information on language and culture in French and Spanish.

The study of culture is a part of all levels of language instruction. The cultural connections allow students to recognize the need for another language, to realize the relevancy of language learning, and to develop an appreciation for diversity.

Two consecutive years of the same World Language at Eastlake fulfill the entrance recommendations (for foreign language) of most colleges and universities.

World Language Grid

As you select courses, notice which graduating requirements they fulfill. Be sure that you are signing up for courses that will help you meet all of your requirements.

World Language Courses

World Language courses enhance students' ability to meet the advanced literacy requirements for communications. At this time, the district requires that all documentation for the advanced literacy of communications be in the English language.

World Language courses: Level I (French, Spanish), Level II (French, Spanish), Level III (French, Spanish), Level IV (French, Spanish), Level IV AP (French, Spanish), Level V AP (French, Spanish).

World Language Required Courses

Admission to most colleges and universities requires the study of a world language through the completion of Level II. However, more credits may be required for admission to some degree programs within a specific university and some private and out of state universities require additional years of study.

World Languages

World Language Elective Courses

Purchase of supplemental workbook(s) is required for all World Language courses.

Level I (French, Spanish)

1 Credit

Students develop proficiencies in oral and written expression as well as in reading comprehension through the study of vocabulary and grammar. The study of culture is a part of the beginning level. Demonstration of proficiency via oral and written examinations is required.

Level II (French, Spanish)

1 Credit

Prerequisites

Successful completion of Level I course at a performance level of C and teacher's recommendation. This course further develops and reinforces the proficiency levels of oral and written expression and reading comprehension. Demonstration of proficiency via oral and written examinations is required.

Advanced Level III (French, Spanish)

1 Credit

Prerequisites

Successful completion of Level II course, at a performance level of C and teacher's recommendation.

At this level, students communicate on a variety of topics and expand communication and reading skills. They demonstrate the ability to express thoughts more naturally and effectively. Students gain a more global perspective through readings and discussions. The goal is to progress to total immersion in the target language by the second semester of Level III. Demonstration of proficiency via oral and written examinations is required.

Advanced Level IV (French, Spanish)

1 Credit

Prerequisites

Successful completion of Level III course at a performance level of B and teacher's recommendation. Students refine oral and written proficiency through the discussion of literature, history, the arts, and other elements of the cultural curriculum. Classes are conducted primarily in the target language. Students progress to advanced levels of performance in extended conversations and writing activities on a variety of subjects. Demonstration of proficiency via oral and written examinations is required.

AP Level IV French, Spanish/AP Level V French, Spanish

1 Credit

Prerequisites

Successful completion of French III or IV course at a performance level of B and teacher's recommendation. Successful completion of Spanish III or IV course at performance level of B, teacher's recommendation, and junior or senior status.

The rigor of these courses is the equivalent of a 3rd year college course in advanced composition and conversation. It includes aural/oral skills, reading comprehension of varied materials, grammar and composition. Communications objectives are: comprehension of formal and informal language, acquisition of diverse vocabulary, composition of expository passages and ability to express ideas and opinions orally and in writing with accuracy. Students have the opportunity to earn college credit by passing the AP Spanish/French Exam. Demonstration of proficiency via oral and written examinations is required.

Programs Offering Concurrent High School and College Credit

There are several programs offered at Eastlake High School which lead to college credit concurrently with high school credit.

Running Start

Running Start allows eleventh and twelfth grade students to take college-level courses, tuition-free, at the state's community colleges. Most students at Eastlake who participate in the Running Start program either attend Bellevue Community College or Cascadia Community College. The application process begins in the early spring for the upcoming school year, and students must strictly adhere to the college deadlines in order to qualify. Students are required to meet with their high school counselor, attend a college orientation session, submit an application to the college and to EHS, and take an assessment test. Running Start students are subject to the same state, district, and Eastlake graduation requirements as all other Eastlake students, including the Level 5 Proficiencies and the Culminating Project. RS students will enroll in an EHS Level 5 Support Class to assist them in meeting the Level 5 Proficiencies and the Culminating Project. Students enrolled in Running Start spring courses, Enrichment or Summer School will not be given a diploma until an official transcript is received from the community college or school.

Prerequisite for enrolling in Running Start:

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 · i GYb|cfg! gYb|cf WYXhgUbx| [zWa d'Y|cb'cZE GF Z'fa U''UfYdcfhUidfcZMMbh'Y'YZUbX'
 minimum of 1 Level 5 Advanced Literacy paper completed at proficient level.

Tech Prep—Career and Technical Education

These courses taught on high school campuses in accordance with articulation agreements negotiated between the high school and a local community college. Several stipulations need to be followed in order to obtain Tech Prep credit, such as earning a "B" grade or higher as well as completing various combinations of classes. These classes are designated "Tech Prep" in this catalog. For additional information, go to www.netechprep.org, then "Search Articulations."

NEVAC—In addition to these classes which meet on the EHS campus, students can enroll in NEVAC (Northeast Vocational Area Cooperative) and attend courses on different high school campuses which lead to Tech Prep credit. (See NEVAC 2009-2010 Program Offerings on page 59). [There are also several NEVAC course offerings that do not earn Tech Prep credit.] Advance registration and an application process are required for any NEVAC class. Additional information is available at www.nevac.org, or contact the EHS Career Specialist or student's counselor.

Advanced Placement

Students who enroll in AP classes are prepared for and encouraged to take the advanced placement exams given in the spring of each year, where they can earn college credit for high scores. Students require instructor approval to enroll in AP courses during the spring registration process.

College-in-the-High School

These classes are college level courses taught on high school campuses. UW Composition is the honors option to Senior Connections. Students who opt to take this course for University of Washington credit can receive 5 quarter hours for UW English 131 first semester and 5 quarter hours for UW Comp Lit 240 second semester. Students pay tuition to receive credit for this course. Students need instructor approval to enroll and register in the spring for the upcoming school year.

NEVAC




2009-2010 Course Offerings

NEVAC offers you more class choices!

- ✓ Investigate an area of interest through these exciting classes.
- ✓ Explore career choices before you leave high school.
- ✓ Earn college credit and/or industry certification in most programs.
- ✓ Save tuition \$\$ by deciding on a major before leaving high school.
- ✓ Participating students provide their own transportation and spend part of their school day in another high school.

- | | |
|-------------------------------------------|----------------------------------------------|
| ❖ American Sign Language Interpretation | ❖ Horticulture |
| ❖ Audio Engineering & Sound Production | ❖ Interior Design & Housing Related Careers |
| ❖ Auto Collision Repair and Refinishing | ❖ Media Production Technology |
| ❖ Automotive Technology | ❖ Radio/TV Broadcasting Technology |
| ❖ Biotechnology | ❖ Sports Medicine/Athletic Training |
| ❖ Carpentry/Construction Technology | ❖ Teaching Academy |
| ❖ Coaching Academy (<i>New!</i>) | ❖ Technical Theatre Performance & Production |
| ❖ Cosmetology | ❖ Welding Technology/Metal Fabrication |
| ❖ Criminal Justice | |
| ❖ Culinary Arts | <i>INFORMATION TECHNOLOGY (IT)</i> |
| ❖ Drafting Technology | ❖ Animation (2-D & 3-D) |
| ❖ AP Environmental Science | ❖ CISCO Networking Academy |
| ❖ Event Planning, Hospitality and Tourism | ❖ Computer Game Design |
| ❖ Fire & Life Safety | ❖ AP Computer Science/Java Programming |
| ❖ Floriculture/Floral Design | |
| ❖ Graphics Production | |
| ❖ Health Science Careers | |



NEVAC Online

The World at your fingertips

NorthEast Vocational Area Cooperative

- Health Online
- 3D Animation
- Programming

Visit us at www.nevac.org!

Priority Registration Deadline: May 1, 2009