

FOOTHILL COLLEGE
GENERAL EDUCATION AND GRADUATION REQUIREMENTS

The requirements for the Associate in Art or Associate in Science Degree include completion of (1) a minimum of 90 units in prescribed courses; (2) a minimum of 24 units taken at Foothill College; (3) a grade-point average of 2.0 or better in all college courses including Foothill courses; (4) a major of at least 27 units in a curriculum approved by the Foothill Curriculum Committee; and (5) the seven general education requirements listed below. Students planning to transfer to four-year colleges or universities should also check with a counselor for the specific requirements of those institutions.

Students must successfully complete a minimum of 30-35 units from the courses listed with at least one course in Humanities, English, Natural Sciences (with laboratory), Social and Behavioral Sciences, Communication and Analytical Thinking, United States Cultures and Communities, and two courses in Lifelong Understanding from two different academic departments.

Courses may only be used in one area.

- I. Humanities
- II. English
- III. Natural Sciences (with a Laboratory)
- IV. Social & Behavioral Sciences
- V. Communication & Analytical Thinking
- VI. United States Cultures & Communities
- VII. Lifelong Understanding

Minimum proficiency: ENGL 1A or ESL 26 and MATH 105* completeds(() Tj 42 cm BT 5ET Q 0 (

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GENERAL EDUCATION BREADTH REQUIREMENTS

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated

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AREA I - HUMANITIES

The humanities include courses in Arts and Letters that give students knowledge and understanding of significant works of the human intellect and imagination. These works cover all the varieties of human expression through time. Knowledge of the significance of the historical and cultural context in which the works are created and interpreted expands the students' awareness of the human condition, cultivating an appreciation of human values and achievements. Humanities courses should enable students to participate in social

AREA II - ENGLISH

English composition courses address the literacy needs of the student in both academic and work-related tasks. The curricula concentrate on two core intellectual skills: comprehension and written expression at the college level. Comprehension includes the interaction of the reader with the text in order to extract meaning, discern patterns, and evaluate information. Written expression includes the student's understanding of audience and purpose, rhetorical and structural devices, supporting evidence, and effective and varied syntax. These courses also introduce that student to the aesthetics and power of the written word.

Courses meeting the English General Education Requirement *m* require students to:

- E1. Read and understand the written word, including comprehension, interpretation, analysis, evaluation, and synthesis of college-level expository, narrative, and argumentative non-fiction prose;
- E2. Write extended expository text-based compositions (minimum of 6,000 total word count) based on college-level readings, academic subject matter, and class discussion;
- E3. Think critically by recognizing and evaluating ideas, differentiating facts, inferences, opinions, and assumptions, and drawing and assessing conclusions;
- E4. Formulate an arguable thesis appropriate to audience and purpose and substantiate it through logical and systematic organization, supporting evidence, and clarity of expression;
- E5. Understand and implement the principles of written argumentation including induction and deduction, counter-arguments and concessions;
- E6. Use the sequential process of multiple drafts and revision in producing articulate and grammatically correct written expression;
- E7. Recognize and implement varied syntactical, rhetorical, and structural devices;
- E8. Research print and electronic media and attribute sources through textual citations and MLA documentation.

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*To accomplish these goals a laboratory course **m** emphasize the methods of scientific



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AREA VI - SOCIAL & BEHAVIORAL SCIENCES

The social sciences embrace a large number of interrelated subjects that examine the relationship of human beings to society.

Courses meeting the General Education Requirement in Social and Behavior Sciences ***m*** include

AREA V -

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AREA VI - UNITED STATES CULTURES & COMMUNITIES

United States Cultures and Communities courses critically explore the current and historical interaction of different groups of Americans. These courses discourage discriminatory attitudes towards others by providing an empirical understanding of and appreciation for the marginalized groups that have been important in the development of United States history and culture, and the value of diverse cultural groups to American society.

Courses meeting the GE requirement in United States Cultures and Communities **m** include ***all of the following*** student learning outcomes:
U1.

AREA VII - LIFELONG LEARNING

Courses in this area provide students with the skills needed to continue learning after they leave college. Courses focus on the study of humans as integrated intellectual, physiological, social and psychological beings in relation to society and the environment. Full understanding and synthesis of a subject area usually occurs when the skills mastered in a course of study are applied to the context of another discipline. Students are given an opportunity to experience this concept in courses that provide opportunities that bridge subject areas so that students learn to function as independent and effective learners.

Physical activity courses are given inclusion to this area in recognition of the reality that you have to be healthy and live a long life in order to take advantage of lifelong learning. Foothill College deems that: Physical activity courses are acceptable, if they entail movement by the student and are overseen by a faculty member or coach. These courses can be taken for up to 2 units.

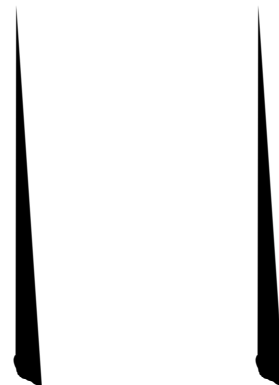
A course meeting the Lifelong Learning General Education Requirement must help students:

- L1. Acquire and demonstrate knowledge, skills, and attitudes that support the application of information across two or more disciplines of study;
- L2. Develop practical tools that can be integrated into problem solving and decision making with current day-to-day issues and which can be adapted to future situations;
- L3. Identify current issues and concerns that influence health, communication or learning;
- L4. Comprehend and apply health and well-being issues to the individual and to society;
- L5. Find, evaluate, use and communicate information in all of its various formats and understand the ethical and legal implications of the use of that information.

In addition, a course meeting this requirement **m** include **a lea one** of the following student learning outcomes:

- L6. Define career and life planning strategies and resources including goal setting and time management, learning styles and self-awareness, building a positive work ethic and leadership qualities;

L7.



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GENERAL EDUCATION Application Forms

General Education Review Request
AREA I - HUMANITIES

Course Number & Title: _____

Please map each appropriate component from the Course Outline of Record to the appropriate depth and breadth criteria. You can use any part of your COR including course outcomes, expanded content, methods of instruction/evaluation, and/or lab content.

Depth Map: Must

General Education Review Request
AREA I - HUMANITIES

Breadth Mapping: please indicate all that apply (if applicable)

B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research)

Matching course objective(s):

B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).

Matching course objective(s):

B3. Clearly and precisely express their ideas in a logical and organized manner using the discipline-appropriate language

Matching course objective(s):

B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).

Matching course objective(s):

B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).

Matching course objective(s):

Requesting Faculty: _____ Date: _____

Division Curr Rep: _____ Date: _____

General Education Review Request

AREA II - ENGLISH

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Course Number & Title: _____

Please map each appropriate Course Outcome/Objective from the Course Outline of Record to the appropriate depth and breadth criteria.

Depth Map: Must include the following:

E1. Read and understand the written word, including comprehension, interpretation, analysis, evaluation, and synthesis of college-level expository, narrative, and argumentative non-fiction prose;

Matching course objective(s):

E2. Write extended expository text-based compositions (minimum of 6,000 total word count) based on college-level readings, academic subject matter, and class discussion;

Matching course objective(s):

E3. Think critically by recognizing and evaluating ideas, differentiating facts, inferences, opinions, and assumptions, and drawing and assessing conclusions;

Matching

General Education Review Request
AREA III - NATURAL SCIENCES

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General Education Review Request
AREA III - NATURAL SCIENCES

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- NL17. Data may be from large data sets derived directly from the material world, but may not rely exclusively on student manipulation or analysis of data created by a teacher to simulate direct interaction with the material world;
- NL18. Analysis and interpretation of data;
- NL19. Formulation and testing of hypotheses;
- NL20. Communicating effectively through oral and/or written work;
- NL21. A minimum of one collaborative activity;
- NL22. A minimum of one laboratory unit or the equivalent of 33 hours of laboratory instruction per quarter.

Additional criterion thought to enhance a natural science laboratory include any of the following:

- NL23. Keep accurate and complete experimental records;
- NL24. Perform quantitative and qualitative measurements;
- NL25. Interpret experimental results and draw reasonable conclusions;
- NL26. Analyze data statistically and assess the reliability of results;
- NL27. Critically evaluate the design of an experiment;
- NL28. Design experiments to test hypotheses;
- NL29. Work effectively in small groups and teams.

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* To accomplish these goals a laboratory course **m** emphasize the methods of scientific inquiry by engaging students in:

- NL15. Observation and collection of data through direct interaction with the material world;
- NL16. Use of tools, data collection techniques, models and theories of science most prevalent in relevant research laboratories;

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General Education Review Request
AREA III - NATURAL SCIENCES

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General Education Review Request
AREA III - NATURAL SCIENCES

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N12. An understanding of the interdependence of humans and their environment;

Matching course objective(s):

N13. A recognition of how human behavior has altered the environment;

Matching course objective(s):

N14. A sense of the history of science and the ideas and experiments that have led to our present understanding.

Matching course objective(s):

Depth Map:

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General Education Review Request
AREA III - NATURAL SCIENCES

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N24. Perform quantitative and qualitative measurements;

Matching course objective(s):

N25. Interpret experimental results and draw reasonable conclusions;

Matching course objective(s):

N26. Analyze data statistically and assess the reliability of results;

Matching course objective(s):

N27. Critically evaluate the design of an experiment;

Matching course objective(s):

N28. Design experiments to test hypotheses;

Matching course objective(s):

N29. Work effectively in small groups and teams.

Matching course objective(s):

Breadth Mapping: please indicate all that apply (if applicable)

B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research)

Matching course objective(s):

B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).

Matching course objective(s):

B3. Clearly and precisely express their ideas in a logical and organized manner using the discipline-appropriate language

Matching course objective(s):

B4.

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General Education Review Request
AREA III - NATURAL SCIENCES

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and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).

Matching course objective(s):

Requesting Faculty: _____ Date: _____

Division Curr Rep: _____ Date: _____

REVIEW COMMITTEE USE ONLY:

Review Committee Members:

Comments:

Approved: _____ Denied: _____ CCC Co-Chair Signature: _____ Date: _____

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General Education Review Request
AREA IV – SOCIAL & BEHAVIORAL SCIENCES

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Course Number & Title: _____

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and physical heritage. General education courses provide content that is broad in scope and at an introductory depth, and all require critical thinking.

A general education enables students to clarify and present their personal views as well as respect, evaluate, and be informed by the views of others. This academic program is designed to facilitate a process that enables students to reach their fullest potential as individuals, national and global citizens, and lifelong learners for the 21st century.

In order to be successful, students are expected to have achieved minimum proficiency in math (MATH 105) and English (ENGL 1A, 1AH or ESL 26) before enrolling in a GE course.

A completed pattern of general education courses provides students with opportunities to acquire, practice, apply, and become proficient in each of the core competencies listed below.

- B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research).
- B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).
- B3. Creative, critical, and analytical thinking (reasoning, questioning, problem solving, and consideration of consequence).
- B4. Community and global consciousness and responsibility (consideration of one's role in society)

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General Education Review Request
AREA IV - SOCIAL & BEHAVIORAL SCIENCES

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Course Number & Title: _____

Please map each appropriate Course Outcome/Objective from the Course Outline of Record to the appropriate depth and breadth criteria.

Depth Map: Must include the following:

S1. Explain the interactions of people as members of societies, cultures and social subgroups;

Matching course objective(s):

S2. Exercise critical thinking and analytical oral and/or written skills including consideration of events and ideas from mul(e)(r)1rrunth su 41-4 u

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General Education Review Request
AREA IV - SOCIAL & BEHAVIORAL SCIENCES
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General Education Review Request
AREA IV -

General Education Review Request
AREA V – COMMUNICATION & ANALYTICAL THINKING

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Course Number & Title: _____

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and

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General Education Review Request
AREA V - COMMUNICATION & ANALYTICAL THINKING

Course Number & Title: _____

Please map each appropriate Course Outcome/Objective from the Course Outline of Record to the appropriate depth and breadth criteria.

Depth Map: Must include the following:

C1. Apply the analytical skills learned in the course to other disciplines

Matching course objective(s):

C2. Develop competencies in communication or computation, and apply the appropriate technical, interpretive, and evaluative skills

Matching course objective(s):

C3. Read, interpret, and analyze statements and then be able to express them in symbolic form when appropriate

General Education Review Request
AREA V - COMMUNICATION & ANALYTICAL THINKING

B3. Clearly and precisely express their ideas in a logical and organized manner using the discipline-appropriate language

Matching course objective(s):

B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).

Matching course objective(s):

B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts and skills so that people can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities).

Matching course objective(s):

Requesting Faculty: _____ Date: _____

Division Curr Rep: _____ Date: _____

REVIEW COMMITTEE USE ONLY:

Review Committee Members:

Comments:

Approved: _____ Denied: _____ CCC Co-Chair Signature: _____ Date: _____

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General Education Review Request
AREA VI - UNITED STATES CULTURES & COMMUNITIES

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Course Number & Title: _____

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and physical heritage. General education courses provide content that is broad in scope and at an introductory depth, and all require criti4 0 0 0.24 205.7915 552odh 0 0 0 0 Tsc4 (edg15 552 3 (v)) 324 54 533.04 cm BT 0.0077 27 037 57 0 0 37 0

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General Education Review Request
AREA VI - UNITED STATES CULTURES & COMMUNITIES

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Matching course objective(s):

B2. Computation (application of mathematical concepts, and/or using principles of data collection and analysis to solve problems).

Matching course objective(s):

B3. Clearly and precisely express their ideas in a logical and organized manner using the discipline-appropriate language

Matching course objective(s):

B4. Community and global consciousness and responsibility (consideration of one's role in society at the local, regional, national, and global level in the context of cultural constructs and historical and contemporary events and issues).

Matching course objective(s):

B5. Information competency (ability to identify an information need, to find, evaluate and use information to meet that need in a legal and ethical way) and digital literacy (to teach and assess basic computer concepts

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General Education Review Request
AREA VII - LIFELONG LEARNING

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Course Number & Title: _____

Breadth Criteria:

At Foothill College, the primary objective of the general education requirements is to provide students with the depth and breadth of knowledge and understanding required to be independent, thinking persons who are able to interact successfully with others as educated and productive members of our diverse society. Design and implementation of the general education curriculum ensures that students have exposure to all major disciplines, understand relationships among the various disciplines, and appreciate and evaluate the collective knowledge and experiences that form our cultural and physical heritage.

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General Education Review Request
AREA VII - LIFELONG LEARNING

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B1. Communication (analytical reading, writing, speaking, and listening skills including evaluation, synthesis, and research)

Matching course objective(s):

B2.