Barstow Community College
2026-2027 Catalog Addendum

This addendum to the Barstow Community College Catalog reflects updates and offers new educational opportunities for students. These updates/revisions were approved after the Catalog was published online. Although every effort has been made to ensure the accuracy of the information, all students should consult with a counselor for further information.

Effective Term: Fall 2026

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PROGRAMS OF STUDY

Arts, Communication, & Humanities

Humanities Cluster

Associate of Arts Degree for Transfer, Philosophy

The Associate in Arts in Philosophy degree for Transfer (AA-T) prepares the student to transfer to the CSUs as a junior to further their studies of Philosophy. This degree concentrates on providing students with knowledge of the primary methodologies and practices relevant to philosophy. As a practice, philosophy is concerned with the establishment and exploration of fundamental questions about human beings, the world they live in, and how to make good decisions. The practical skills learned in philosophy include the construction and critical evaluation of logical arguments, critical thinking skills, detailed analysis, problem solving, interpersonal relations, formulating new solutions, ethical reasoning, and a historical understanding of western thought. These skills are foundational for preparation for a number of careers including medicine, law, business, and education. Furthermore, a philosophy major not only provides a foundation for general career education, it is the foundation of creating good people that are active and concerned citizens.

Students must complete the following Associate Degree for Transfer requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including:

(A) The California General Education Transfer Curriculum (Cal-GETC) requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0. ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is an acceptable grade for courses in the major.

Program Learning Outcomes

Upon successful completion, the student will be able to:

- Analyze critically and creatively the work of major figures in philosophy.
- Express philosophical ideas and defend them effectively in argument, both in writing and orally.
- Demonstrate a basic understanding of methods of philosophy.
- Evaluate the most important topics in a range of areas which are typically regarded as lying at the center of contemporary philosophical thought, including ethics, logic, metaphysics, theory of knowledge, religion, aesthetics, political philosophy, Asian philosophy, or feminist philosophy.

Subject	Course Title	Units
Required Core Courses		
PHIL 3	Logic	3.0
Choose one course from the following		
PHIL 1	Introduction to Philosophy	3.0
PHIL 4	Ethics	3.0
	Subtotal	**6.0**
List A: *Choose one course from the following or any course not previously used from Required Core Courses*		
PHIL 7	Ancient and Medieval Philosophy	3.0
PHIL 8	Modern Philosophy	3.0
	Subtotal	**3.0**
List B: *Choose two from the following or any course not previously used from List A*		
HIST 1A	Survey of Western Civilization I: The Ancient Near East to 1648	3.0

HIST 1B	Survey of Western Civilization II: The Renaissance to Present Day	3.0
PHIL 5	World Religions	3.0
	Subtotal	**6.0**
List C: *Choose one course from the following or any course not previously used from List A or B*		
HUMA 1	Humanities Through The Arts	3.0
HUMA 2	Antiquity to Renaissance	3.0
HUMA 3	Renaissance to Modern	3.0
HUMA 4	Survey of Film	3.0
HUMA 5	Multi-Cultural Mythology	3.0
PHIL 6	Introduction to the Bible	3.0
PHIL 9	Philosophy of Religion	3.0
PHIL 10	Philosophy of Cultural Diversity	3.0
	Subtotal	**3.0**
	Major Units Required	**18.0**
	Cal-GETC General Education Coursework	**34.0**
	Transferable Electives Required	**11.0**
	Total Units Required	**60.0**

STEM

Life Sciences Cluster

Associate of Science Degree for Transfer, Environmental Science

The Associate in Science in Environmental Science for Transfer Degree, prepares students to think like scientists, using concept-based knowledge in multiple scientific fields. The professors of BCC are dedicated to teaching environmental science in an interdisciplinary manner that prepares future scientists to discover and convey new information. As a discipline, environmental science integrates fundamental science ideas and unifying concepts with the scientific method to expand our understanding of the natural world. We endeavor to provide an academic program that supports student preparation and integration of scientific ideas. We endeavor to provide an academic program that supports student preparation and integration of scientific ideas.

Associate Degree for Transfer requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including:

(A) The California General Education Transfer Curriculum (Cal-GETC) requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is an acceptable grade for courses in the major.

Program Level Outcomes

Upon successful completion, the student will be able to:

- Describe Earth's environmental systems including conditions, processes, and functions of the atmosphere, hydrosphere, lithosphere, and biosphere.
- Compare perspectives of the social sciences and humanities to critically understand human perceptions of the environment.
- Integrate scientific and humanistic approaches to address complex environmental issues.
- Apply diverse methods to collect, analyze, and communicate information about the environment.

Subject	Course Title	Units

Required Core Courses		
BIOL 1	Environmental Biology	3.0
BIOL 20A	Cell and Molecular Biology	4.0
BIOL 20B	Evolution and Organismal Biology	4.0
CHEM 2A	General Chemistry I	5.0
GEOL 1L	Physical Geology	4.0
STAT C1000	Introduction to Statistics	4.0
MATH C2210	Calculus I: Early Transcendentals	4.0
PHYS 2A	General Physics I: Mechanics of Solids and Fluids	4.0
PHYS 2B	General Physics II: Electricity and Magnetism	4.0
ECON C2001	Principles of Microeconomics	3.0
	Major Units Required	**39.0**
	Cal-GETC General Education Coursework	**34.0**
	Transferable Electives Required	**0.0**
	Total Units Required	**60.0**

Math & Computer Science Cluster

Associate of Science Degree for Transfer, Mathematics 2.0

The Associate in Science in Mathematics for Transfer will allow students to seamlessly transfer to a CSU campus by providing the necessary breadth in the field, an introduction to the methods used, and the ability to complete both major preparatory coursework along with courses required for general education. The student will acquire the ability to apply the principles of statistics, differential and integral calculus of one and several variables, and differential equations.

Students must complete the following Associate Degree for Transfer requirements:

(1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including:

(A) The California General Education Transfer Curriculum (Cal-GETC) requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

(2) Obtainment of a minimum grade point average of 2.0.

ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A "P" (Pass) grade is an acceptable grade for courses in the major.

Program Level Outcomes

Upon successful completion, the student will be able to:

- Interpret and draw inferences from mathematical models such as formulas, graphs, and tables.
- Utilize a variety of problem-solving techniques and strategies to identify, analyze, and solve problems.
- Create and analyze mathematical models of real world and/or theoretical situations, including the implications and limitations of those models.

Subject	**Course Title**	**Units**
Required Core Courses		
MATH C2210	Calculus I: Early Transcendentals	4.0
MATH C2220	Calculus II: Early Transcendentals	4.0
MATH 4C	Calculus III	4.0
MATH 9	Ordinary Differential Equation	3.0
MATH 10	Introduction to Linear Algebra	3.0
	Subtotal	**18.0**
List B: *Choose one course from the following*		
PHYS 2A	General Physics I: Mechanics of Solids and Fluids	4.0

CSIS 33	Programming Concepts & Methodology I Using C++	3.0
	Subtotal	**3.0-4.0**
	Major Units Required	**21.0-22.0**
	Cal-GETC General Education Coursework	**34.0**
	Transferable Electives Required	**8.0-11.0**
	Total Units Required	**60.0**