

# STUDENT LEARNING OUTCOMES

Student Learning Outcomes (SLOs) are the specific observable or measurable results that are expected after successful completion of a course of study. These outcomes may involve knowledge (cognitive), skills (behavioral), or attitudes (affective) that provide evidence that learning has occurred as a result of a specified course, program activity, or process. The college has adopted Institutional Student Learning Outcomes and Oxnard College faculty create and assess learning outcomes for courses and programs.

## Institutional Student Learning Outcomes

Upon completing a degree and/or transfer preparation at Oxnard College, students will show evidence of ability in the following core competency areas:

### 1. Independent Learning & Personal Responsibility

Students will demonstrate the necessary skills to realize their full potential academically, physically, socially, and emotionally. This will contribute to fulfilling their educational goals, entering and advancing in the workforce, and making lifestyle choices that promote personal well-being and lifelong learning.

### 2. Communication and Expression

Students will demonstrate the ability to listen, speak, read, write, and to communicate their thoughts and ideas effectively and appropriately, in oral, written, artistic, sign, and nonverbal forms of communication. Students will learn to communicate with receptivity and responsiveness to alternative ideas and cultural influences, in a wide variety of contexts.

### 3. Critical Thinking and Quantitative Reasoning

Students will demonstrate the ability to think critically, creatively, analytically, and logically, to assess ideas, formulate arguments, develop multiple perspectives, and solve problems as part of the creative process. For this purpose, they will assess the validity of both qualitative and quantitative evidence, and apply the scientific method, and diverse disciplinary approaches and perspectives.

### 4. Information Literacy

Students will demonstrate the ability to ask questions, seek answers, and identify, find, evaluate, apply, and acknowledge sources of information. They will use appropriate resources and technologies to locate, evaluate and incorporate the information with integrity, ethics, and honesty when developing supporting arguments and drawing conclusions. As such, they will develop the ability to understand the legal, ethical, or social issues regarding the use of information, as may be expected from effective contributors, confident individuals, and responsible citizens.

### 5. Social Awareness and Diversity

Students will develop the ability to understand and appreciate the value and importance of social, cultural, economic, political, psychological, biological, and historical diversity and the diversity of human experience and thought, past and present, and to identify the benefits and respect the range of diversity. They will gain the ability work effectively with others of diverse backgrounds and beliefs, in local and global issues, with sensitivity to the diversity of individuals, groups, and cultures. They will learn the importance of the interconnectedness of global and local concerns.

### 6. Effective Citizenship and Civic Responsibility

Students will acquire the ability to recognize ethical principles, identify possible courses of action in response to ethical dilemmas, evaluate their consequences, and behave ethically and respectfully when working with others. They will develop the ethical parameters that enables them to transcend their individual needs providing service to others creating a positive impact upon the broader community – local, national, and global.

## Program Student Learning Outcomes

These are broader outcome statements for each **Department** or **Discipline**

These statements cover all Course SLO scores for all of the Department's courses. In this catalog, the Mathematics Department has a Program SLO that states: *"Demonstrate a working knowledge of selected topics from calculus, linear algebra and a distribution of other branches of mathematics."* This Program SLO aggregates the student data from all the Math sections using the Math Course SLO below about solving linear equations. All Departments have their Program Student Learning Outcomes listed in this Course Catalog.

## Course Student Learning Outcomes

This is a measurable objective statement about a specific **Course**.

For example, MATH R115 College Algebra, one course SLO is "Students will solve logarithmic and exponential applications."

For **Culinary Arts**, CRM R102B Institutional Food Production Management, a course level SLO is "Students will be able to demonstrate the ability to implement and analyze production control."

Course SLOs must appear on the syllabus for that course. Faculty use a student-based scorecard to enter the rubric for a given CSLO. For example, a student can be given a score of 4 out of 4 rubric for demonstrating the ability to implement and analyze production controls. For the algebra question, the score might be set up as a 0 or a 1, where the only possible correct answer is scored as a 1, a pass/fail rubric. Writing and scoring SLOs is done at the Department/Discipline level, and Program and Course SLOs and SLO assessments are reviewed and updated on a regular basis.