

Mapping Your Course to the Institutional Learning Outcomes (iLOs)

DVC adopted the following iLOs in April 2018.

Through their experiences at Diablo Valley College, a student will develop proficiency in the five areas identified in the following list as part of a dynamic educational environment.

- 1. Communication and Collaboration** A student with effective communication skills will be a good listener and speaker. They will be able to communicate orally, through writing, and visually using an appropriate medium. A student with collaboration skills will be able to work with teams comprised of a diverse set of people. They will develop leadership skills and the ability to work with groups on the completion of a wide variety of projects. This includes effective written and visual message construction, media choices, leadership skills, and the ability to work with others on project
- 2. Empathy Mindset** A student with an empathy mindset will be able to build relationships through understanding and valuing others with diverse backgrounds and cultures. They will be connected and active in their community and will act in accordance with ethical norms. This includes social and diversity awareness, civic engagement, and ethics.
- 3. Growth Mindset** A student with a growth mindset is willing to take risks, learn from mistakes, and has a drive to complete tasks. They set goals and priorities for actions and are flexible and able to respond to changes. A person with a growth mindset believes that abilities and intelligence can be developed through practice, training, and effort. This includes adaptability, resilience, self-awareness, and entrepreneurial mindset.
- 4. Information and Technology Fluency** A student who is information and technology fluent will utilize appropriate technology to locate and critically evaluate information from a variety of sources, to formulate responses to issues, reach informed decisions, and communicate effectively. This includes being flexible and strategic in the use of technology, as well as the accurate and ethical use of written and visual materials.
- 5. Solution Mindset** A student with a solution mindset will think critically and evaluate information sources for accuracy and usefulness. They will think critically about data and information. They will be able to design and implement appropriate solutions for situations they face. This includes understanding methods of inquiry and analysis of available choices.

Accreditation dictates that all levels of learning outcomes be assessed. One aspect of assessing student achievement of these iLOs involves mapping courses to iLOs – identifying which courses address each of these five iLOs in the course’s activities, curriculum, or assignments. To do this mapping, WebSLOs now has check-boxes for each iLO at the bottom of the course assessment page for that course (see back).

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How to Complete your Institution-level SLO assessment

- 1) Login to WebSLOs.
- 2) Check the box for every iLO that your course directly addresses in some way through course activities, curriculum, or assignments. You may check more than one iLO box. Once this task is done for a course, it will not need to be repeated, but it can be edited.

Note: Checking these iLO boxes has nothing to do with the SLO assessment of the course, only with the content of the course itself, whether or not it has been part of a SLO assessment.

Where to find the iLO assessment on the course page in WebSLOs:

- [**Q**] Solve systems of equations and inequalities.
- [**R**] Graph conic sections.
- [**S**] Find vector sums and differences, both analytically and geometrically.
- [**T**] Resolve vectors into component form.
- [**U**] Expand $(A + B)$ to the power n for integer values of n .

Assessment topics [supported SLO in brackets] *last assessed in italics*

1. Students completing the course will be able to understand and use functions
2. Students completing the course will be able to match equations with their graphs
3. Students completing the course will be able to model data using an exponential function
4. Students completing the course will be able to solve rational and absolute value equations
5. Students completing the course will be able to solve polynomial, rational, and radical equations
6. Students completing the course will be able to find the inverse function of a function
7. Students completing this course will be able to graph polynomial, rational, and radical functions

This course's assessment history informs these analyses

Program-level SLO assessment

Running narrative to be considered in assessing any programs that include this

General Education SLO assessment

Running narrative to be considered in assessing general education outcomes

Institution-level SLO assessment

- #1 Communication and Collaboration 
- #2 Empathy Mindset 
- #3 Growth Mindset 
- #4 Information and Technology Fluency 
- #5 Solution Mindset 