

INSTITUTIONAL LEARNING OUTCOMES (ILOs) DIMENSIONS

Institutional Learning Outcomes are statements that describe significant and essential objectives that learners have achieved and can reliably demonstrate at the end of a course and by the time they graduate from CSUN. The statements below each ILO present the institutional learning outcome dimensions.

1

ILO 1 - COMMUNICATION SPOKEN/SIGNED

- ILO 1A - Apply Critical Thinking
- ILO 1B - Support Ideas
- ILO 1C - Audience Analysis
- ILO 1D - Delivery
- ILO 1E - Ethical Standards

2

ILO 2- COMMUNICATION WRITTEN

- ILO 2A - Analyze and Compare Perspectives
- ILO 2B - Construct Themes/Thesis
- ILO 2C - Logical Support
- ILO 2D - Demonstrate Competence
- ILO 2E - Source Selection
- ILO 2F - Editing Strategies

3

ILO 3 - COMMUNITY ENGAGEMENT

- ILO 3A - Self and Social Awareness
- ILO 3B - Service and Social Responsibility
- ILO 3C - Community and Social Justice
- ILO 3D - Career Development and Professional Development
- ILO 3E - Multicultural Community Building & Civic Engagement

4

ILO 4 - CRITICAL THINKING

- ILO 4A - Critical Examination
- ILO 4B - Problem Solving
- ILO 4C - Reasoned Conclusions
- ILO 4D - Evaluate Arguments for Logic
- ILO 4E - Logical Fallacy Avoidance

5

ILO 5 - GLOBAL LEARNING

- ILO 5A - Cultural Comparisons
- ILO 5B - Cultural Contributions
- ILO 5C - Identity Awareness and Impacts
- ILO 5D - Systemic Injustices
- ILO 5E - Other than English Language Proficiency

6

ILO 6 - INFORMATION LITERACY/COMPETENCY

- ILO 6A - Determine the Extent of Information Needed
- ILO 6B - Use Effective Search Strategies
- ILO 6C - Access and Evaluate Information and Sources
- ILO 6D - Organize and Synthesize Information
- ILO 6E - Legal and Ethical Use of Information

7

ILO 7 - QUANTITATIVE REASONING

- ILO 7A - Interpretation
- ILO 7B - Assumptions
- ILO 7C - Application and Analysis
- ILO 7D - Calculation and Reasoning

1 ILO 1- COMMUNICATION SPOKEN/SIGNED

Education for understanding the basic concepts and practices associated with public speaking or signing includes making public presentations of one's own thoughts and research.

Outcomes: Students will:

- **ILO 1A - Apply Critical Thinking**
Apply critical thinking skills when listening, reading, thinking, and speaking or signing.
- **ILO 1B - Support Ideas**
Create, organize, and support ideas for various types of spoken and signed presentations.
- **ILO 1C - Audience Analysis**
Evaluate contexts, attitudes, values, and responses of different audiences.
- **ILO 1D - Delivery**
Identify, evaluate and apply different styles of presentation utilizing effective delivery techniques in public speaking or signing.
- **ILO 1E - Ethical Standards**
Demonstrate acceptable ethical standards in research and presentation of materials, including proper verbal or signed citations.

2 ILO 2- COMMUNICATION WRITTEN

Education for understanding the basic concepts and practices associated with written communication includes analyzing and reflecting on complex topics and appropriately synthesizing one's own and others' ideas in clearly written and well-organized edited American English.

Outcomes: Students will:

- **ILO 2A - Analyze and Compare Perspectives**
Analyze and compare perspective, meaning, and style in different texts, including those that reflect multicultural images and voices.
- **ILO 2B - Construct Themes/Thesis**
Construct a theme or thesis and organize and develop a substantial, balanced, and convincing defense of it in a voice, tone, language, and format (e.g., essay autobiography, report, editorial, case study, inquiry, and research) appropriate to the purpose of the writing.
- **ILO 2C - Logical Support**
Use logical support, including informed opinion and fact, as well as their interpretations, to develop ideas, avoiding fallacies, biased language, and inappropriate tone.
- **ILO 2D - Demonstrate Competence**
Demonstrate satisfactory competence in the conventions of Edited American English and the elements of a presentation (including layout, format, and printing).
- **ILO 2E - Source Selection**
Select and incorporate ideas derived from a variety of sources, such as library electronic and print resources, books, journals, the Internet, and interviews, and document them responsibly and correctly.
- **ILO 2F - Editing Strategies**
Apply a variety of strategies for planning, outlining, drafting, revising, and editing written work.

3 ILO 3 - COMMUNITY ENGAGEMENT

Education for Community-based learning is a pedagogy that integrates explicit academic learning objectives, preparation, and reflection with meaningful work in the community. It focuses on learning through assignments that involve the application of theory to practice and result in improved student learning outcomes, including enhanced understanding of course content, critical-thinking skills, retention, sensitivity to diversity, and the ability to apply the academic concept.

Outcomes: Students will:

- **ILO 3A - Self and Social Awareness**

Develop an understanding of the social, cultural, and civic aspects of their personal identities.

- **ILO 3B - Service and Social Responsibility**

Develop an understanding of social responsibility and the connections between short-term community service and greater long-term societal well-being.

- **ILO 3C - Community and Social Justice**

Develop an understanding of how the actions of individuals and social systems bring about both equity and inequity in communities and society.

- **ILO 3D - Career Development and Professional Development**

Develop career skills needed to address the cultural, linguistic, humanistic, artistic, economic, scientific, social, and/or civic issues of our time.

- **ILO 3E - Multicultural Community Building & Civic Engagement**

Learn from and work responsively and inclusively with diverse individuals, groups, and organizations to build more just, equitable, and sustainable communities.

4 ILO 4 - CRITICAL THINKING

Education for critical thinking includes analyzing information and ideas carefully and logically from multiple perspectives and developing reasoned solutions to problems.

Outcomes: Students will:

- **ILO 4A - Critical Examination**

Explain and apply the basic concepts essential to a critical examination and evaluation of argumentative discourse.

- **ILO 4B - Problem Solving**

Use investigative and analytical thinking skills to examine alternatives, explore complex questions and solve challenging problems.

- **ILO 4C - Reasoned Conclusions**

Synthesize information in order to arrive at reasoned conclusions.

- **ILO 4D - Evaluate Arguments for Logic**

Evaluate the logic and validity of arguments, as well as the relevance of data and information.

- **ILO 4E - Logical Fallacy Avoidance**

Recognize and avoid common logical and rhetorical fallacies.

5 ILO 5 - GLOBAL LEARNING

Education for global learning includes understanding the diversity and multiplicity of cultural forces that shape the world through the study of cultures, gender, sexuality, race, religion, class, ethnicities, and languages with a special focus on the contributions, differences, and global perspectives of diverse cultures and societies.

Outcomes: Students will:

- **ILO 5A - Cultural Comparisons**

Describe and compare different cultures.

- **ILO 5B - Cultural Contributions**

Explain how various cultures contribute to the development of our multicultural world.

- **ILO 5C - Identity Awareness and Impacts**

Describe and explain how race, ethnicity, class, gender, religion, sexuality, and other markers of social identity impact life experiences and social relations.

- **ILO 5D - Systemic Injustices**

Analyze and explain the deleterious impact and the privileges sustained by racism, sexism, ethnocentrism, classism, homophobia, religious intolerance, or stereotyping on all sectors of society.

- **ILO 5E - Other than English Language Proficiency**

Demonstrate linguistic and cultural proficiency in a language other than English.

6 ILO 6 - INFORMATION LITERACY/COMPETENCY

Education for information competency includes progressively developing information competence skills throughout one's undergraduate career by developing a basic understanding of information retrieval tools and practices, as well as improving their ability to evaluate and synthesize information ethically.

Outcomes: Students will:

- **ILO 6A - Determine the Extent of Information Needed**

Determine the nature and extent of information needed.

- **ILO 6B - Use Effective Search Strategies**

Demonstrate effective search strategies for finding information using a variety of sources and methods.

- **ILO 6C - Access and Evaluate Information and Sources**

Locate, retrieve and evaluate a variety of relevant information, including print and electronic formats.

- **ILO 6D - Organize and Synthesize Information**

Organize and synthesize information in order to communicate effectively.

- **ILO 6E - Legal and Ethical Use of Information**

Explain the legal and ethical dimensions of the use of information.

7 ILO 7 - QUANTITATIVE REASONING

Education for mathematical reasoning includes gaining competence for informed judgment and decision-making.

Outcomes: Students will:

- **ILO 7A - Interpretation**

Represent, understand and explain mathematical information symbolically, graphically, numerically, spoken, and/or signed.

- **ILO 7B - Assumptions**

Develop mathematical models of real-world situations and explain the assumptions and limitations of those models.

- **ILO 7C - Application and Analysis**

Use models to make predictions, draw conclusions, check whether the results are reasonable, and find optimal results using technology when necessary and appropriate.

- **ILO 7D - Calculation and Reasoning**

Demonstrate an understanding of the nature of mathematical reasoning, including the ability to prove simple results and/or make statistical inferences.