



Student Learning Outcomes Committee

Approved Agenda

May 8, 2023 | 2:30 PM | Room 2450

This meeting is in-person in Room 2450.

LPC Mission Statement

Las Positas College is an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting lifelong learning.

LPC Planning Priorities

- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

SLO Committee Quorum:

Voting Members:

John Rosen (SLO Chair; BSSL)
Liz McWhorter (SLO Support)
Kimberly Burks (Student Services)
Jennie Graham (STEM)
Stuart McElderry (Dean, BSSL)
Karin Spirn (A&H)

Guests:

Call to Order

John Rosen

Review and Approval of Agenda

John Rosen

Review and Approval of Minutes (April 24, 2023)

John Rosen

Public Comment (This time is reserved for members of the public to address the SLO Committee. Please limit comments to three minutes. In accordance with the Brown Act, the SLO Committee cannot discuss or act on items not on the agenda.)

Reports

- Chair's Report
- Administrator's Report

John Rosen
Stuart McElderry

CSLO Reviews

First Readings

NKIN SWOA (Swimming for Older Adults)

Upon completion of NKIN SWOA:

- Students should be able to demonstrate improvement in a standardized timed swim.
- Students should be able to utilize pace clocks to incorporate intervals into a training regimen to enhance skill development.
- Students should be able to identify the benefits of interval training and pacing

Reading And Writing (RAW) Center

- Upon completion of a RAW tutoring session, students will report that they feel capable to apply suggested feedback.
- Upon completion of a RAW tutoring session, students will report on their satisfaction with Penji.

Smart Shops

- Upon completion of a Smart Shop workshop, students will report that their knowledge increased due to the Smart Shop.

Transfer Center

Note: We currently have one in place regarding the UC guaranteed transfer program (UC TAG) that has been regularly assessed. Here is a new one for assessing students' participation in the CSU guaranteed transfer program (Associate Degree for Transfer).

- Students who apply to California State University under the Associate Degree for Transfer (ADT) program, with final degree requirements in progress, submit a timely petition to receive the ADT from Las Positas College.

Second Readings

NBIO 1 (Biotechnology 1)

Upon completion of NBIO 1:

- A. Students will be able to demonstrate proficiency in standard biotech laboratory techniques.
- B. Students will be able to correctly document their laboratory procedures and results.
- C. Students will describe the work environment of a biotech laboratory.
- D. Students will be able to calculate masses and volumes based on the metric system.

NBIO 2 (Biotechnology 2)

Upon completion of NBIO 2:

- A. Students will be able to correctly prepare assays, accurately record procedures, and collect and interpret data.
- B. Students will be able to explain the principles underlying at least two common biotechnology techniques.
- C. Students will describe the work environment of a biotech laboratory and the biotech industry.

NPCN 209 (Career/Major Exploration)

- A. Upon completion of NPCN 209, the student will be able to articulate their goal or major.
- B. Upon completion of NPCN 209, the student will be able to identify campus resources and navigate on-line platforms for career exploration.

NPCN 211 (Career Preparation)

- A. Upon completion of NPCN 211, the student will be able to search for available jobs in their field using at least two online platforms.
- B. Upon completion of NPCN 211, the student will have job applications tools such as interview skills and creation of a resume and LinkedIn profile.

PCN 50 (Social Work and Human Services Seminar)

- A. Upon completion of PCN 50, the student should be able to identify resources and services that clients need and depend upon, and how they can be accessed.
- B. Upon completion of PCN 50, the student should be able to identify barriers that clients face when accessing social services.

PCN 50L (Social Work and Human Services Fieldwork)

- A. Upon completion of PCN 50L, the student should be able to evaluate their development of work skills and achievement of learning objectives established by the student.

Revisions

ENGR 1 (Introduction to Engineering)

- A. Upon completion of ENGR 1, students should be able to design a solution to a problem using the engineering design process.

ENGR 35 (Statics)

- A. Upon completion of ENGR 35, a student should be able to design, build and analyze a structure that is in static equilibrium.

ENGR 37 (Applied Statics and Materials)

- A. Upon completion of ENGR 37, a student should be able to analyze 2D force systems acting on engineering structures in static equilibrium
- B. Upon completion of ENGR 37, a student should be able to analyze materials-related curves to interpret the structure and properties of materials.
- C. Upon completion of ENGR 37, a student should be able to use standard materials testing equipment to determine material properties.
- D. Upon completion of ENGR 37, a student should be able to design, build and analyze a structure that is in static equilibrium.

ENGR 46 (Materials of Engineering)

- A. Upon completion of ENGR 46, a student should be able to analyze materials related curves and diagrams to interpret the structure and properties of materials.
- B. Upon completion of ENGR 46, a student should be able to recommend a material for an application based on its properties, processing and structure.

ENGR 50 (Introduction to Electronic Systems and Measurements)

- A. Upon completion of ENGR 50, the student will be able to assemble circuits on a breadboard from an electrical schematic.
- B. Upon completion of ENGR 50, a student should be able to utilize diagnostic equipment to characterize performance and troubleshoot.

PSYC 3 (Introduction to Social Psychology)

Upon completion of PSYC 3, the student will be able to:

- A. Demonstrate familiarity with the major concepts, theoretical perspectives, research methods, and empirical findings in social psychology.
- B. Explain ways in which the influence of others, situational factors, and the surrounding culture affect human social behavior.
- C. Analyze the ways in which social psychological principles and research apply to real world problems and issues.
- D. Apply theories, concepts and findings in social psychology for self-understanding, self-improvement, and lifelong learning.
- E. Demonstrate critical thinking skills and information competence as applied to topics in social psychology.

HIST 7 (US History Through Reconstruction)

Upon completion of HIST 7, students should be able to:

- A. Explain the major political, social, cultural, economic, demographic, technological, and diplomatic developments in the U.S. through Reconstruction, their causes and effects, and their historical significance.
- B. Explain the development of, and debates concerning, democracy and citizenship in the U.S. from its founding through Reconstruction.
- C. Describe origins, nature, development, and significance of slavery in the U.S.
- D. Describe the Native American experience through Reconstruction.
- E. Analyze and interpret primary and secondary sources.
- F. Construct an argument using historical evidence.

HIST 8 (US History Post-Reconstruction)

Upon completion of HIST 8, students should be able to:

- A. explain the major political, social, cultural, economic, demographic, technological, and diplomatic developments in the U.S. since Reconstruction, their causes and effects, and their historical significance.
- B. Explain the development of, and debates concerning, democracy and citizenship in the U.S. since Reconstruction.
- C. Describe the major social movements in the U.S. since Reconstruction.
- D. Explain the U.S. role in the world and the impact of war on U.S. society since Reconstruction.
- E. Analyze and interpret primary and secondary sources.
- F. Construct an argument using historical evidence.

PSLO Reviews**Second Readings****Biotechnology Skills Certificate of Completion**

Upon completion of the Biotechnology Skills Certificate of Completion:

- A. Students will gain proficiency in standard biotech laboratory techniques and preparation of assays such as PCR, and be able to explain the principles underlying common techniques.
- B. Students will be able to document their laboratory procedures and results, and interpret data.
- C. Students will gain insights into the work environment of the biotech industry.

Career Exploration and Preparation Certificate

- A. Upon completion of the Career Exploration and Preparation Certificate, students will be proficient in several tools or resources for career exploration and occupational research.
- B. Upon completion of the Career Exploration and Preparation Certificate, students will gain job readiness skills to better prepare them for job application in their desired field.

Revisions**HIST AA-T**

Upon completion of the AA-T in History, students are able to:

- A. Interpret primary and secondary sources and to compose an argument which uses them, as appropriate, for support.
- B. Explain major developments in United States and World History.
- C. Explain U.S. and World History from multiple viewpoints, perspectives, and experiences.

Informational Items**Discontinuation of a Transfer Center SAO**

It contains gendered language and has not been assessed for quite some time (per M. Schwarz):

During the first two semesters of regular enrollment, upon completion of the student's interaction with a Transfer Counselor in which s/he developed a Student Education Plan, the student should be able to demonstrate "transfer readiness" by the end of the sixth semester of regular enrollment.

PSLOs - Fire Officer Leadership and Management A.S.

- A. Upon completion of the AS in Fire Officer Leadership and Management, students are able to demonstrate interpersonal, communication and conflict resolution skills encountered in Fire and Emergency Services organizations.
- B. Upon completion of the AS in Fire Officer Leadership and Management, students are able to identify and examine current and emerging concepts/practices in Fire and Emergency Services Organizations.

- C. Upon completion of the AS in Fire Officer Leadership and Management, students are able to demonstrate foundational administrative, operational and HR responsibilities of a first line supervisor in a Fire and Emergency Services.

SLO Coaching

By appointment, via Zoom or in-person (Contact John or Liz)

Friday SLO Talks

*Free Registration: **Zoom Meeting Registration Link***

- May 12 @ 10a-12p: “Math SLO Assessment” with Bethany Tasaka
- May 19 @ 10a-12p: “Grand Finale - What Have we Learned?” with COACHES

eLumination [SLOs] Conference

Registration (\$20, discount code KRISTEN5): [Learn more about eLumination](#)

- June 27-28 @ 12-4p, virtual
- Optional 6/26 in-person pre-conference Community Workshop at West Hills College

3-Year SLO/SAO Plans

- Thank you to those who submitted their 3-Year Plans.
- We are uploading the new Plans to our SLO webpage; and we are archiving the old ones.

Good of the Order

Adjournment

Next Regular Meeting: August 28, 2023 – *This is the first meeting of Fall semester.*