



STUDENT LEARNING OUTCOMES COMMITTEE AGENDA

November 23rd, 2020 | 2:30pm | Via Zoom

Approved Agenda

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

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ 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.
- ❖ Coordinate resources and provide professional development for effective online instruction and remote delivery of student support services and college processes to advance equitable student outcomes.

SLO Committee Quorum:

Voting Members:

Ann Hight (Chair)

Kristina Whalen

John Rosen

Jennie Graham

Robin Rehagen

Madeline Wiest

Kimberly Tomlinson

Stuart McElderry

Sue Cumbo

1. Call to Order

2. Review and Approval of Agenda (November 23rd, 2020)

3. Review and Approval of Minutes (November 9th, 2020)

4. Public Comments (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 act on these items.)

5. New Business

- Mapping and new SLOs Ann Hight

6. Reports

- Chair's Report Ann Hight
- Administrative Report Kristina Whalen

7. CSLO Review

- .APIW 94: Occupational Work Experience – Ironworkers Apprenticeship
 - Upon completion of APIW 94, the student will be able to apply and refine skills learned in apprenticeship classes to on-the-job experiences.
 - Upon completion of APIW 94, the student will be able to assess educational ability, personal attributes, behavior and attitudes toward work in their chosen trade to determine if modifications are needed in any of these areas to be successful in their career.
 - Upon completion of APIW 94, the student will be able to apply and relate skills learned in on-the-job work experience to the course material learned in the classroom.
 - Upon completion of APIW 94, the student will be able to develop a clear understanding of the career opportunities, job requirements and employer expectations of the trade in which the student is working.
- ARHS 8: Asian Art History
 - Upon completion of ARHS 8, the student should be able to analyze the religious, cultural, economic and political issues of Asian societies and their relationship to artistic and architectural production.

- Upon completion of ARHS 8, the student should be able to articulate connections between artistic movements and historical events in Asian history
- Upon completion of ARHS 8, the student should be able to identify the art movements, artists, and technical processes of different Asian cultures.
- CHEM 1A: General College Chemistry I
 - Upon completion of CHEM 1A, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 1B: General College Chemistry II
 - Upon completion of CHEM 1B, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 12A: Organic College Chemistry I
 - Upon completion of CHEM 12A, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 12B: Organic College Chemistry II
 - Upon completion of CHEM 12B, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 30A: Introductory and Applied Chemistry I
 - Upon completion of CHEM 30A, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 30B: Introductory and Applied Chemistry II
 - Upon completion of CHEM 30B, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CHEM 31: Introduction to College Chemistry
 - Upon completion of CHEM 31, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- CIS 82B: AWS Academy Cloud Solutions Architecture Certification Prep
 - Upon completion of CIS 82B, students will be able to select appropriate AWS services to design and deploy an application based on given requirements.
 - Upon completion of CIS 82B, students will be able to define a solution using architectural design principles based on customer requirements.
 - Upon completion of CIS 82B, students will be able to implement cost-control strategies.
- CS X3: Introduction to Artificial Intelligence
 - Upon completion of CS X3, students will be able to design, implement, and discuss their rationale for a problem-solving agent in a search problem.
 - Upon completion of CS X3, students will be able to design, implement, and discuss their rationale for an agent that handles certainty and uncertainty in their environment.
- CS X4: Introduction to Machine Learning
 - Upon completion of CS X4, students will be able to properly use a data set with a selected classifier to create valid models under supervised learning.
 - Upon completion of CS X4, students will be able to design and implement a learning agent under reinforcement learning using a programming language like Python.

- FST 7: Fire Service Conditioning and Physical Agility Development
 - Upon completion of FST 7, the student will be able to discuss and demonstrate strength and cardiovascular physical training routines for entry level Firefighter Candidates.
 - Upon completion of FST 7, the student will be able to design a personal fitness development program by establishing measurable goals and benchmarks
 - Upon completion of FST 7, the student will be able to demonstrate and apply basic techniques in performing select firefighter manipulative skills and tasks
 - Upon completion of FST 7, the student will be able to exhibit and apply basic Fire Service Principles of a Firefighter Chain Command in a Pre-Fire Academy setting
- INTD 25: Materials and Resources
 - Upon completion of INTD 25, the student will be able to analyze current uses of materials and learn about resources in home application.
 - Upon completion of INTD 25, the student will be able to demonstrate presentation skills with a color board materials and citing resources for the "perfect" home.
 - Upon completion of INTD 25, the student will be able to understand the nature of the materials used in home furnishings and overall home fashion.
- KIN AR1: Archery 1- Beginning Archery
 - Upon completion of KIN AR1 students will be able to demonstrate the steps of shooting.
 - Upon completion of KIN AR1 students will be able to identify and name the parts of the recurve bow and an arrow.
- KIN FL4: Flag Football 4
 - Upon completion of KIN FL4 students will be able to demonstrate knowledge of the rules of flag football by officiating 1 game with appropriate hand signals.
 - Upon completion of KIN FL4 students will be able to explain an offensive set up for a Cover 2 zone defense in a 7v7 Flag Football game.

8. PSLO Review

- Artificial Intelligence Certificate of Achievement
 - Upon completion of the Certificate of Achievement in Artificial Intelligence, students will be able to analyze a given problem to determine which artificial intelligence algorithms are viable and apply their learned skills to develop an appropriate solution.
 - Upon completion of the Certificate of Achievement in Artificial Intelligence, students will be able to use existing artificial intelligence and machine learning programming libraries on a given data set to create a valid model and justify their design decisions.
- Athletic Training/Sports Medicine Certificate of Achievement
 - Upon completion of the Certificate of Achievement in Athletic Training/ Sports Medicine, students are able to gain entry-level employment in the Sports Medicine field or continue their education at the undergraduate level.
 - Upon completion of the Certificate of Achievement in Athletic Training/ Sports Medicine, students are able to gain knowledge and skills in all five domains of athletic training: 1) injury/illness prevention and wellness promotion, 2) examination, assessment, and diagnosis, 3) immediate and emergency care, 4) therapeutic intervention, and 5) healthcare administration and professional responsibility.
 - Upon completion of the Certificate of Achievement in Athletic Training/ Sports Medicine, students are able to demonstrate professional and ethical behaviors expected of the athletic trainer as a healthcare professional.

- Upon completion of the Certificate of Achievement in Athletic Training/ Sports Medicine, students are able to develop critical thinking, problem solving, and decision making skills as it pertains to clinical practice.
- Chemistry Education AS
 - Upon successful completion of an AS in Chemistry Education, students are able to design and conduct laboratory experiments, and analyze and interpret their data.
 - Upon successful completion of an AS in Chemistry Education, students are able to effectively communicate the methods, analysis, results, and conclusions of their experiments.
 - Upon successful completion of an AS in Chemistry Education, students are able to quantitatively analyze nature at the atomic scale by applying fundamental chemical concepts, ranging from atomic theory to organic synthesis.
 - Upon successful completion of an AS in Chemistry Education, students should be able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
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- Computer Information Systems AA
 - Upon completion of the AA in Computer Information Systems, students are able to communicate in a professional manner in writing and orally and work effectively in a team.
- Computer Science AS
 - Upon completion of the AS in Computer Science, students will be able to program using object oriented paradigms, recursive functions and the manipulation of both static and dynamically allocated data structures and objects within their algorithms
 - Upon completion of the AS in Computer Science, students will have the skills necessary to implement algorithms that solve computational problems that include processing data and using control structures including loops, decisions, and functions
 - Upon completion of the AS in Computer Science, students will understand the architecture of past and modern computing systems and how they interact with external hardware and software using both machine and assembly language programming and how the computer's performance can be enhanced using more efficient methods such as pipelining
- Management Information Systems Certificate of Achievement
 - Upon completion of the Certificate of Achievement in Management Information Systems, students will be able to apply their programming skills to solve business related problems in support of both small and medium businesses.
- Red Hat Administration Certificate of Achievement
 - Upon completion of the Certificate of Achievement in Red Hat Administration, students will be able to administrate users, security policies and processes on a Red Hat Linux server

- Upon completion of Certificate of Achievement in Red Hat Administration, students will be able to administrate file systems, fire walls and task automation with BASH scripts on a Red Hat Linux server

9. Good of the Order

10. Adjournment

11. Next Regular Meeting: (Monday, January 25th, 2020)