



STUDENT LEARNING OUTCOMES COMMITTEE MINUTES

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

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.

Committee Name Quorum

Members Present (voting):

Ann Hight (Chair)

Kristina Whalen

John Rosen

Jennie Graham

Susan Cumbo

Robin Rehagen

Madeline Wiest

Kimberly Tomlinson

Stuart McElderry

Guests:

Bill Komanetsky

Draft Minutes

1. Call to Order

Meeting called to order 2:31pm

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

MOTION to APPROVE Agenda

MSC: Rosen/Graham/Approved

MOTION to Add NMAT 202C SLO to the Agenda

MSC: Rehagen/Rosen/Approved

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

MOTION to APPROVE Minutes

MSC: Rosen/Graham/Approved- 1 Abstention

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
In working on the three year templates with faculty, some SLO coordinators are finding that they have to work on their maps for various reasons. In some cases, the CSLOs and PSLOs do not all map and in other cases, there is excess mapping in eLumen. I have been working with coordinators to go back and reevaluate their mapping. If any of the committee members are working with faculty, please double check the CSLO/PSLO mapping as part of the process. This may lead to more SLO & PSLO revisions as a result of completing the templates. This is slowing down the 3 year template process. These templates are due on Nov. 30th, however we are not yet close to that goal. Stuart McElderry suggested using time during Town Hall or a Division Meeting to complete this task this semester. Kristina Whalen organized a breakout to complete 3 year templates for our December Town Hall.

6. Reports

- Chair's Report Ann Hight
None
- Administrative Report Kristina Whalen
Kristina Whalen stated that we are nearing completion of the templates to upload into Program Mapper (Guided Pathways). We are starting with our CTE programs. When Program

Mapper goes live, PSLOs will be included. PSLOs will then have a heightened visibility.

7. CSLO Review

- .APIW 94: Occupational Work Experience – Ironworkers Apprenticeship- 1st, 2nd, 4th SLO **Approved w/ Changes. 3rd is not approved (not an SLO).**
 - 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 **their career readiness. 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 **explain 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 - Approved
 - 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 - Approved
 - 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 - Approved
 - 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 - Approved
 - 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 - Approved
 - 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 - Approved
 - 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 - Approved

- 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 - **Approved**
 - 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 – 2nd & 3rd **SLOS Approved. 1st SLO Clarification Requested.**
 - Upon completion of CIS 82B, students will be able to select **and deploy?** 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 - **Approved**
 - 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 – **Approved w/ Changes**
 - Upon completion of CS X4, students will be able to properly use a data set with a selected classifier to create valid models **under as part of** supervised learning.
 - Upon completion of CS X4, students will be able to design and implement a learning agent **under as part of** reinforcement learning using **an appropriate programming language like Python.**
- FST 7: Fire Service Conditioning and Physical Agility Development – **Approved w/ Changes**
 - 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 – **Further Clarification Required**
 - Upon completion of INTD 25, the student will be able to analyze current **home?** uses of materials and **other learn-about** resources in home application. **Stay up to date?**
 - Upon completion of INTD 25, the student will be able to **present demonstrate presentation skills with** a color board **materials** and **citeing** resources for the "perfect" home.
 - Upon completion of INTD 25, the student will be able to **identify and explain the uses of different understand the nature of the** materials used in home furnishings and **overall** home fashion.
- KIN AR1: Archery 1- Beginning Archery – **Approved w/ Changes**
 - 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 – Approved w/ Changes
 - Upon completion of KIN FL4, students will be able to officiate a ~~demonstrate knowledge of the rules of~~ flag football ~~game by officiating 1 game~~ with appropriate hand signals.
 - Upon completion of KIN FL4, students will be able to explain an offensive ~~setup~~ for a ~~Cover 2 Zone~~ defense in a 7v7 flag football game.
- NMAT 202C: Just in Time Concurrent Support for Mathematics – Approved
 - Upon completion of NMAT202C, a student should be able to utilize online and other technological resources to enhance their understanding of a mathematics topic.

8. PSLO Review

- Artificial Intelligence Certificate of Achievement – Approved w/ Changes
 - 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 ~~that justifies~~ their design decisions.
- Athletic Training/Sports Medicine Certificate of Achievement – Approved w/ Changes
 - Upon completion of the Certificate of Achievement in Athletic Training/Sports Medicine, students are ~~qualified for 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 ~~proficient 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 ~~apply develop~~ critical thinking, problem solving, and decision making skills as it pertains to clinical practice.
- Chemistry Education AS – Approved w/ Changes
 - 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 ~~are should be~~ skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- Chemistry AS – Approved w/ Changes

- Upon successful completion of an AS in Chemistry, students are able to design and conduct laboratory experiments, and analyze and interpret their data.
- Upon successful completion of an AS in Chemistry, students are able to effectively communicate the methods, analysis, results, and conclusions of their experiments.
- Upon successful completion of an AS in Chemistry, 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, students ~~are should be~~ able to skillfully perform experimental measurements, techniques, and protocols, properly use standard laboratory instruments, and adhere to safe laboratory practices.
- Computer Information Systems AA – Approved w/ Changes
 - Upon completion of the AA in Computer Information Systems, students are able to communicate in a professional manner ~~orally and in writing and orally,~~ and ~~to~~ work effectively in a team.
- Computer Science AS – Approved w/ Changes
 - 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, ~~which that~~ include processing ~~of~~ data and ~~the use of 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 including~~ efficient methods such as pipelining.
- Management Information Systems Certificate of Achievement – Approved w/ Changes
 - 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-sized businesses.
- Red Hat Administration Certificate of Achievement – Approved w/ Changes
 - 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: Ann Hight will send out a proposal for the Town Hall breakout session to the committee members.

10. Adjournment at 4:14

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