



LPC Mission Statement

Las Positas College is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

LPC Planning Priorities

- ❖ Establish regular and ongoing processes to implement best practices to meet ACCJC standards.
- ❖ Provide necessary institutional support for curriculum development and maintenance.
- ❖ Develop processes to facilitate ongoing meaningful assessment of SLOs and integrate assessment of SLOs into college processes.
- ❖ Expand tutoring services to meet demand and support student success in Basic Skills, CTE, and Transfer courses.

SLO Committee:

Members Present (voting):

Chair: Ann Hight

Administrators:

David Johnson
Amir Law

Faculty:

Marty Nash
Angelo Bummer
Jennie Graham
Daniel Cearley

Student Services:

Michael Schwarz

Members Present (non-voting):

Director of Research and Planning:

Rajinder Samra-Absent

Students: Hariel Colcol, Jake Massie

Guests: Scott Vigallon

Approved Minutes

1. Call to Order

Meeting called to order at 2:32pm

2. Review and Approval of Amended Agenda (September 10th, 2018)

MOTION to APPROVE Amended Agenda

MSC: Graham/Johnson/APPROVED

* *Additional SLOs Added*

3. Review and Approval of Minutes (August 27th, 2018)

MOTION to APPROVE Minutes from April 9th, 2018 & May 14th, 2018

MSC: Graham/Bummer/APPROVED- 1 Abstentions

4. Canvas/eLumen Integration

Scott Vigallon

Scott Vigallon stated that the eLumen/Canvas integration has been a long time in the making and is finally working. He did a demonstration of how the integration functions. There was concerns that you need to use the assignments feature in Canvas to utilize the integration (not used by all faculty). The integration will work for online (DE) courses and probably many of our web enhanced courses. We would need to convert eLumen to use W#'s, instead of first initial last name. IT would need to give use a data file that would update eLumen. Scott Vigallon stated that he suggests not making this change in the middle of a semester, in order not to confuse faculty. He will need some lead-time in order to move this integration to the Canvas and eLumen production sites. An announcement would need to be sent to the campus if we do make this change. The committee raised several concerns including what if a faculty member is only assessing one question on an assessment or if they are using multiple rubrics. The committee discussed how discipline coordinators and faculty would need to be trained on the integration. The committee will vote next meeting on whether to move forward with the integration for Spring 2019.

5. SLO Committee Membership

Ann Hight

Ann Hight stated that there are two classified openings on the committee. Mike Schwarz suggested adding a Student Services staff member, to better represent SAOs. He will bring this up at his next division meeting, to get a volunteer. Ann Hight suggested that Madeline Wiest could also join the committee membership.

6. Review SLO Catalog Language

Ann Hight

The committee reviewed the SLO catalog language. The only suggestion was to add the word "derive" in reference to "attitudes." The updated sentence reads, "Student Learning Outcomes (SLO) are the knowledge, skills, and attitudes that students are expected to achieve or derive subsequent to a learning experience.

7. Administrative Update

No Administrators Update

8. SLO/SAO Liaison Report

Mike Schwarz/ Angelo Bummer

Mike Schwarz clarified that if an SAO is sent back to a coordinator and all of the corrections that have been made correctly the SAO is automatically approved by Ann, but if there is any follow up discussion the SAO is brought back to the committee. It was also clarified that any pending items in eLumen attached to a previous Discipline Coordinator cannot be transferred over to a new Discipline Coordinator. Angelo Bummer stated that faculty have been following up with him regarding the emails that Madeline Wiest sent with the faculty participation reports and missing SLOs & PSLOs.

9. CLSO Review:

a. New Business:

- i. DANC 4A: Modern/ Contemporary Dance A
 - **CSLOs-** 1.) Upon completion of DANC 4A, students will be able to demonstrate introductory level modern dance technique. 2.) Upon completion of DANC 4A, students will be able to identify and discuss the Elements of Dance (B.A.S.T.E.)
 - **CSLOs Approved, 2nd CSLO Returned for Revision-** Missing period, how assess “discuss?”
- ii. DANC 4B: Modern/Contemporary Dance B
 - **CSLOs-** 1.) Upon completion of DANC 4B, students will be able to demonstrate beginning/intermediate level modern dance technique 2.) Upon completion of DANC 4B, students will be able to apply the Elements of Dance (B.A.S.T.E.) to analyze and create movement.
 - **CSLOs Approved, 1st CSLO Returned for Revision-** Missing period
- iii. FST 50: Fire Protection Organization
 - **CSLOs-** 1.) Upon completion of FST 50, the student should be able to illustrate the history of the fire service and it's current changing dynamics. 2.) Upon completion of FST 50, the student should be able to compare and contrast the components and development of the fire and emergency services. 3.) Upon completion of FST 50, the student should be able to analyze careers in fire and emergency services. 4.) Upon completion of FST 50, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
 - **CSLOs Approved, 1st CSLO Returned for Revision-** change “it’s” to “its”
- iv. FST 51: Fire Service Operations
 - **CSLOs-** 1.) Upon completion of FST 51, the student should be able to demonstrate an understanding of Public Safety dispatch/alarm systems and identify ways emergency calls come into the center, and reach the fire fighter. 2.) Upon completion of FST 51, the student should be able to identify the components of a management system, and give examples of where they are used in the fire service. 3.) Upon completion of FST 51, the student should be able to describe the components of a fire ground size up and explain where they would be used.
 - **CSLO Approved-** Last semester courses being offered
- v. FST 51W: Fire Equipment Operations
 - **CSLOs-** 1.) Upon completion of FST 51W, the student should be able to demonstrate how to perform each of the basic-level equipment operation tasks required for Fire Fighter 1 Academy competency. 2.) Upon completion of FST 51W, the student should be able to demonstrate how to use radios to give a report of condition while watching a video of a training fire. 3.) Upon completion of FST 51W, the student should be able to demonstrate how to hook up supply fire hose to a fire hydrant with in the allotted amount of time.
 - **CSLO Approved-** Last semester courses being offered
- vi. FST 52: Firefighter Safety and Survival
 - **CSLOs-** 1.) Upon completion of FST 52, the student should be able to define and describe the need for cultural and behavioral change within the emergency services relating to safety, incorporating leadership, supervision, accountability, and personal responsibility. 2.) Upon completion of FST 52, the student should be able to define how the concepts of risk management affect strategic and tactical decision-making. 3.) Upon completion of FST 52, the student should be able to validate the need for national training standards as they correlate to professional development inclusive of qualifications, certifications, and re-certifications. 4.) Upon completion of FST 52, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
 - **CSLO Approved**
- vii. FST 53: Fire Behavior and Combustion
 - **CSLOs-** 1.) Upon completion of FST 53, the student should be able to identify the basic theories of fire behavior and combustion as it relates to Class A, B, C, D and K types of fires. 2.) Upon completion of FST 53, the student should be able to define and use basic terms and concepts associated with the chemistry and dynamics of fire. 3.) Upon completion of FST 53, the student should be able to demonstrate knowledge of the characteristics of fire suppression agents and strategies. 4.) Upon completion of FST 53, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.

- **CSLO Approved, 1st CSLO Returned for Revision-** correct commas, change “it” to they”
- viii. FST 54: Fire Prevention Technology
- **CSLOs-** 1.) Upon completion of FST 54, the student should be able to define the national fire problem and role of fire prevention. 2.) Upon completion of FST 54, the student should be able to define the functions of a fire prevention bureau. 3.) Upon completion of FST 54, the student should be able to identify and describe the standards for professional qualifications for Fire Marshal, Plans Examiner, Fire Inspector, and Fire and Life Safety Education, and Fire Investigator. 4.) Upon completion of FST 54, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
 - **CSLO Approved, 3rd CSLO Returned for Revision-** Remove extra “and”
- ix. FST 55: Fire Protection Equipment and Systems
- **CSLOs-** 1.) Upon completion of FST 55, the student should be able to identify the different types, uses, and benefits of fire protection systems found in various types of structures. 2.) Upon completion of FST 55, the student should be able to explain the operation and appropriate application for the different types of portable fire protection systems. 3.) Upon completion of FST 55, the student should be able to describe the hazards of smoke and fire, and list the factors that can influence smoke movement in a building. 4.) Upon completion of FST 55, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
 - **CSLO Approved**
- x. FST 56: Building Construction for Fire Protection
- **CSLOs-** 1.) Upon completion of FST 56, the student should be able to describe building construction as it relates to firefighter safety, building codes, fire prevention, code inspection, firefighting strategy and tactics. 2.) Upon completion of FST 56, the student should be able to classify major types of building construction in accordance with a local/model building code. 3.) Upon completion of FST 56, the student should be able to classify occupancy designation of the building code. 4.) Upon completion of FST 56, the student should be able to identify and model the professional behavior and ethical decision-making expected of a first responder.
 - **CSLO Approved-** Clarify if there is more than one building code
- xi. KIN ETD4: Eskrima-Tenio Decuerdas 4
- **CSLOs-** 1.) Upon completion of KIN ETD4, students will be able to apply the third arm concept. 2.) Upon completion of KIN ETD4, students will be able to apply earth-to-earth open hand applications. 3.) Upon completion of KIN ETD4, students will be able to apply numerado striking applications.
 - **CSLO Approved**
- xii. MATH 55F: Intermediate Algebra B Corequisite Support
- **CSLOs-** 1.) Upon completion of Math 55F, a student should be able to communicate key concepts of Intermediate Algebra B using strategies learned in the course. 2.) Upon completion of Math 55F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning). 3.) Upon completion of Math 55F, a student should be able to justify their mathematical thinking on Intermediate Algebra B problems. 4.) Upon completion of Math 55F, a student should be able to use effective strategies to read mathematical tests for understanding.
 - **CSLOs approved, 4th CSLO Returned for Revision-** “tests” should be “texts”
- xiii. MATH 72A: Technical Elementary Algebra A
- **CSLO-** 1.) Upon completion of Math 72A, a student should be able to solve an applied problem involving rates (e.g. parts per hour, threads per inch and revolutions per minute).
 - **CSLO Approved**
- xiv. MATH 72B: Technical Elementary Algebra B
- **CSLOs-** 1.) Upon completion of Math 72B, a student should be able to solve a linear equation in one variable. 2.) Upon completion of Math 72B, a student should be able to make a table of values for a linear equation in two variable.
 - **2nd CSLO approved, 1st CSLO Returned for Revision-** Add “with” before one variable
- xv. MATH 72C: Technical Elementary Algebra C
- **CSLOs-** 1.) Upon completion of Math 72C, a student should be able to perform a unit conversion. 2.) Upon completion of Math 72C, a student should be able to solve an applied problem using percentages. 3.) Upon

completion of Math 72C, a student should be able to solve an applied problem using systems of measurement.

- **CSLO Returned for Revision-** Change “problem” to “problems” & “conversion” to “conversions” to be more global
- xvi. MATH 72D: Technical Elementary Algebra D
 - **CSLOs-** 1.) Upon completion of Math 72D, a student should be able to interpret the slope of a line in an applied problem. 2.) Upon completion of Math 72D, a student should be able to write a linear model to solve an applied problem. 3.) Upon completion of Math 72D, a student should be able to solve a system of two linear equations in two unknowns.
 - **CSLO Returned for Revision-** Change “problem” to “problems” to be more global
- xvii. MATH 107F: Pre-Algebra B Co-Requisite Support
 - **CSLOs-** 1.) Upon completion of Math 107F, a student should be able to communicate key concepts of Pre-Algebra B using strategies learning in the course. 2.) Upon completion of Math 107F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning). 3.) Upon completion of Math 107F, a student should be able to justify their mathematical thinking on Pre-Algebra B problems. 4.) Upon completion of Math 107F, a student should be able to use effective strategies to read mathematical texts for understanding.
 - **CSLOs Approved, 1st Returned for Revision-** Change “learning” to “learned”
- xviii. MATH 110F: Elementary Algebra B Corequisite Support
 - **CSLOs-** 1.) Upon completion of Math 110F, a student should be able to communicate key concepts of Elementary Algebra B using strategies learned in the course. 2.) Upon completion of Math 110F, a student should be able to develop study skills and life skills that will improve the student's likelihood of succeeding in their academic goals (such as time management, study skills, identifying their individual growth mindset, brain research on learning). 3.) Upon completion of Math 110F, a student should be able to justify their mathematical thinking on Elementary Algebra B problems. 4.) Upon completion of Math 110F, a student should be able to use effective strategies to read mathematical texts for understanding.
 - **CSLOs Approved**
- xix. MUS 3: World Music
 - **CSLOs-** 1.) Upon completion of MUS 3, students will demonstrate basic knowledge of music from around the world through written assignments and exams.
 - **CSLO Returned for Revision-** Change demonstrate to explain.
- xx. MUS 20C: Advanced Guitar
 - **CSLOs-** 1.) Upon completion of MUS20C, students will be able to perform advanced melodies, rhythms, and chords.
 - **CSLO Approved**

10. PSLO Review:

a. New Business:

- i. Administration of Justice AS-T
 - **PSLO-** 1.) Upon successful completion of the AS-T in Administration of Justice, the student will be academically prepared for transfer to bachelor's degree programs in Administration of Justice and related areas. The student will be able to explain different components and sub-components of the American criminal justice program; interpret criminal law statutes and differentiate between civil law and criminal law.
 - **PSLO returned for Revision-** Angelo Bummer will work with new faculty member to revise.
- ii. Law Enforcement Certificate of Achievement
 - **PSLO -** 1.) Upon completion of the Certificate of Achievement in Law Enforcement, the student will be prepared to assume the duties of a basically trained California peace officer and be eligible for duty as a probationary peace officer.
 - **PSLO returned for Revision-** Angelo Bummer will work with new faculty member to revise.
- iii. Computational Biology AA
 - **PSLOs -** 1.) Upon completion of the Computational Biology AA, the student should be able to demonstrate an understanding of the fundamental concepts in molecular biology, including DNA, genes, proteins and

- genomes. 2.) Upon completion of the Computational Biology AA, the student should be able to explain the use of computational techniques to solve biological problems. 3.) Upon completion of the Computational Biology AA, the student should be able to, use online resources such as NCBI (National Center for Biotechnology Information) and bioinformatics applications to research and analyze biological data.
- **PSLOs Approved-** Remove extra comma in the third PSLO.
- iv. Computational Biology Certificate of Achievement
- **PSLOs** - 1.) Upon completion of the Computational Biology Certificate of Achievement, the student should be able to demonstrate an understanding of the fundamental concepts in molecular biology, including DNA, genes, proteins and genomes. 2.) Upon completion of the Computational Biology Certificate of Achievement, the student should be able to explain the use of computational techniques to solve biological problems. 3.) Upon completion of the Computational Biology Certificate of Achievement, the student should be able to, use online resources such as NCBI (National Center for Biotechnology Information) and bioinformatics applications to research and analyze biological data.
 - **PSLOs Approved-** Remove extra comma in the third PSLO.
- v. Emergency Medical Technologies Certificate of Achievement
- **PSLO** - 1.) Upon successful completion of the Emergency Medical Technologies Certificate of Achievement, the student will be able to function at the certified level of EMT at the California State level and with National Registry of EMT recognition.
 - **PSLO returned for Revision-** Commas needed. Need to ask Seb for clarity.
- vi. Landscape Design Certificate of Achievement
- **PSLO** - 1.) Upon completion of the Landscape Design Certificate of Achievement, students will be able to identify and understand the uses and requirements of plants commonly used in landscape design, be able to design an efficient irrigation system, demonstrate skills in basic landscape construction methods, and master landscape drawing techniques, and well as the use of CAD design software.
 - **PSLO returned for Revision-** Ann Hight will work with Thomas Fuller to break up the PSLO into multiple PSLOs.
- vii. Landscape Maintenance and Construction Certificate of Achievement
- **PSLO** - 1.) Upon completion of the Landscape Maintenance and Construction Certificate of Achievement, students will be able to identify the landscape plants, including their care and usage, be able to implement the principles of Integrated Pest Management, understand the soil and nutritional needs of plants, and demonstrate knowledge and skills using tools and equipment used in the fields of landscape maintenance and construction.
 - **PSLO returned for Revision-** Ann Hight will work with Thomas Fuller to break up the PSLO into multiple PSLOs.
- viii. Nursery, Greenhouse, and Grower Operations Certificate of Achievement
- **PSLO** - 1.) Upon completion of the Nursery, Greenhouse and Grower Operations Certificate of Achievement, students will be able to identify the names and growth characteristics of plants commonly used in horticulture, understand the uses of various soil medias and nutritional elements used in growing plants, apply the principles of Integrated Pest Management, and master the skills needed in operating a nursery, greenhouse, or grower operation.
 - **PSLO returned for Revision-** Ann Hight will work with Thomas Fuller to break up the PSLO into multiple PSLOs.
- ix. Ornamental Horticulture Certificate of Achievement
- **PSLO** - 1.) Upon completion of the Ornamental Horticulture Certificate of Achievement, students will be able to identify the uses and care for common plants used in various horticultural professions, understand and be able to apply the principles of Integrated Pest Management, and be able to choose an entry level career path in the field of horticulture.
 - **PSLO returned for Revision-** Ann Hight will work with Thomas Fuller to break up the PSLO into multiple PSLOs.
- x. Fire Service Technology AS
- **PSLOs** - 1.) Upon completion of the Fire Service Technology AS, the student should be able to analyze and evaluate data to solve Fire Technology problems. 2.) Upon completion of the Fire Service Technology AS, the student should be able to recognize the importance of ethics and professionalism within the Fire

Technology field. 3.) Upon completion of the Fire Service Technology AS, the student should be able to analyze and apply measures to resolve problems in areas of suppression, prevention, and EMS. 4.) Upon completion of the Fire Service Technology AS, the student should be able to demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.

- **PSLOs Approved**

xi. Fire Service Technology Certificate of Achievement

- **PSLOs** - 1.) Upon completion of the Fire Service Technology Certificate of Achievement, the student should be able to analyze and evaluate data to solve Fire Technology problems. 2.) Upon completion of the Fire Service Technology Certificate of Achievement, the student should be able to recognize the importance of ethics and professionalism within the Fire Technology field. 3.) Upon completion of the Fire Service Technology Certificate of Achievement, the student should be able to analyze and apply measures to resolve problems in areas of suppression, prevention, and EMS. 4.) Upon completion of the Fire Service Technology Certificate of Achievement, the student should be able to demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.

- **PSLOs Approved**

xii. IGETC (Intersegmental General Education Curriculum) Certificate of Achievement

- **PSLO** - 1.) Upon completion of the Certificate of Achievement in IGETC (Intersegmental General Education Curriculum), students will be able to understand and appreciate the diversity of the human experience. 2.) Upon completion of the Certificate of Achievement in IGETC (Intersegmental General Education Curriculum), students will be able to read, write, speak, and listen to communicate effectively. 3.) Upon completion of the Certificate of Achievement in IGETC (Intersegmental General Education Curriculum), students will be able to recognize ethical principles and behave responsibly.

- **PSLOs Approved**- Committee was concerned about how the PSLOs will be assessed.

xiii. CSU General Education Certificate of Achievement

- **PSLOs** - 1.) Upon completion of the Certificate of Achievement in CSU General Education Breadth, students will be able to recognize ethical principles and behave responsibly. 2.) Upon completion of the Certificate of Achievement in CSU General Education Breadth, students will be able to understand and appreciate the diversity of the human experience. 3.) Upon completion of the Certificate of Achievement in CSU General Education Breadth, students will be able to read, write, speak, and listen to communicate effectively.

- **PSLOs Approved** - Committee was concerned about how the PSLOs will be assessed.

11. **Good of the Order:** None

12. **Adjournment** at 4:22 pm

13. **Next Regular Meeting** (Monday, September 24th, 2018)