ORGANIZATIONAL UNIT PROPOSAL FORM

DIRECTIONS: *Use this form when proposing a new organizational unit, center, institute, department, school, or college.*

DATE OF REQUEST: November 2016

INSTITUTION: UNLV

NAME OF PROPOSED UNIT: Mathematics Learning Center (MLC)

DATE OF IMPLEMENTATION: Upon Approval

Date of AAC Approval:
March 1, 2017

Date of Board Approval:

PART 1

A. Action requested
UNLV requests the approval of the creation of the Mathematics Learning Center (MLC).

B. Brief description and purpose of proposed unit
The MLC was established to address the need to assist students in preparing and passing the college math appropriate to their course of study.

C. Outline plans for the success of the proposed unit
Solve the multi-faceted areas of: 11th grade assessment of math readiness; 12th grade conditions for college-level mathematics; transition to college; appropriate and efficient first course placement in mathematics; effective and innovative remedial options; meaningful credit-bearing options; and swift attention to successful completion of mathematics requirements in all majors/programs.

Interact with those willing to commit individually and as a community to measurable progress (i.e., what outcomes to be accomplished, by when, with regular data feedback as to how are we doing); and implement "promising solutions" with a working theory of operational improvement (i.e., what impedes effective integration of change ideas).

PART II

A. Mission statement
The MLC is a collaborative Retention, Progression, Completion-driven initiative sponsored by the College of Sciences, the College of Education, Educational Outreach, the Graduate College and the Offices of the Senior Vice Provost and the Vice Provost for Academic Affairs. The MLC was established to focus on effective solutions to an unacceptable failure rate, repetition rates, and drop out rates of students in "gateway" or college math courses.

B. Goals and objectives

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i. Teaching
Provide the programmatic leadership necessary to motivate, catalyze and support effective and efficient teaching/learning improvement in remedial and General Education mathematics instruction.

ii. Research
Focus on research- and practice-based teaching/learning improvement in concert with the needs of colleges/schools and agencies with related missions.

iii. Service
Affect and implement system and university-level policy and capacity-building to enable innovative activity in entry-level mathematics.

C. Major participants or collaborators

i. Internal to campus
UNLV Academic Success Center
UNLV Admissions and Registrar's Offices
Academic Advising Offices
Each UNLV College/School, especially those that have formal mathematics requirements that terminate with entry level, credit-bearing General Education mathematics courses

ii. External to campus
Nevada System of Higher Education (NSHE) Chancellor's Office
Nevada Department of Education (NVDOE) Superintendent's Office
The Clark County School District (CCSD) Superintendent's Office
The Smarter Balanced Assessment Consortium
ALEKS PPL Mathematics Placement Assessment
ALEKS Instructional Support Modules
Hawkes Learning System
National Repository of Online Programs (NROC/EdReady)

D. Evidence of contact within and between affected academic units
The Mathematics Learning Center is a collaborative unit created under the direction of the Office of the Executive Vice President and Provost in partnership with the College of Sciences and College of Education that has well-established, formal relationships with: (1) each UNLV College/School that serves undergraduate majors; (2) each Academic Advising Center; (3) the Admissions and Registrar's Offices; (4) the Academic Success Center; (5) Educational Outreach; (6) the Clark County School District; (7) the ALEKS Corporation (university-wide Mathematics Placement Assessment)

Selected evidence of project collaboration by the Mathematics Learning Center include:
(1)   Creating and implementing on-going training and development workshops for PTIs assigned to teach Math 95 & 96 & entry-level math courses
(2)   Administering and monitoring a mathematics placement tool available for all new and transfer students that provides for early alert on math placement as well as an option for improving initial placement
(3)   Consulting with NSHE, NVDOE, and CCSD on the development of 12th grade experiences for high school students identified as "not ready" or "nearly ready" for college and career study
(4) Collaborating with colleges/schools on improvements to entry-level, credit-bearing General Education mathematics courses

(5) Redesigning Math 95 and Math 120 to be aligned with Nevada Academic Content Standards and the college and career demands of each UNLVcollege/school

(6) Designing and implementing a Math 126/127 Precalculus course exclusively for College of Engineering students for greater relevancy to STEM majors

E. Proposed physical location
UNLV Maryland Campus - MPE 308

F. Proposed organizational structure (include organizational structure within the campus)
The MLC reports to the Office of the Senior Vice Provost which reports to the Executive Vice President and Provost.

G. Activities to be sponsored (e.g. courses, seminars, research, and outreach) – indicate if courses or seminars will be offered through the proposed unit. Please specify if they will be offered for academic credit and applicable to a degree program. Give estimated enrollment.
Not applicable

H. Resource Analysis – source of funds necessary for the proposed change (enrollment-generated state funds, reallocation of existing funds, grants, other state funds)
This is a self-supporting program.

I. Projected Budget – identify portions of costs which will require state resources, grants, gifts and/or contracts
The MLC is supported by remedial course fees and the Office of the Executive Vice President and Provost.

Please attach any supporting documentation (i.e. support letters from community, industry).