KENTUCKY STATE UNIVERSITY
FACULTY SENATE
CURRICULUM COMMITTEE

FSCC# 16-17-18 Effective Date _____

CURRICULAR/PROGRAM CHANGE TRACKING DOCUMENT

ACADEMIC UNIT: MASC: Mathematics _____ **DATE SUBMITTED: 10-14-2016**

1. BRIEF EXPLANATION OF PROPOSED CHANGE:
Revise MAT 111 to remove the course prerequisite requirement.

2. CHECK ITEM(s) BELOW FOR CHANGES DESIRED:

- ☐ New Degree Certification
- ☐ New or Revised Major
- ☐ New or Revised Minor
- ☐ New Course(s)
- ☐ Course Level (number) Change
- ☐ Deletion of Degree or Certification
- ☐ Deletion of Course
- ☐ Revised Degree or Certification
- ☒ Revised Course
- ☐ Other (specify below):

I. Dean's Action:

☑ Approved ☐ Disapproved ☐ Returned for Recommended Change

(Signature) _____ Date: 2-1-17

II. Curriculum Committee Action:

☑ Approved ☐ Disapproved ☐ Returned for Recommended Change

Chairperson (signature): _____ Date: 2/6/17

III. Faculty Senate Action:

☐ Approved ☐ Disapproved ☐ Returned for Recommended Change

Senate President (signature): _____ Date: _____

IV. Provost/Vice President Academic Affairs (not required for courses):

☐ Approved ☐ Disapproved ☐ Returned for Recommended Change

Provost/VPAA (Signature): _____ Date: _____

V. President's Action (not required for courses):

☐ Approved ☐ Disapproved ☐ Returned for Recommended Change

President (Signature): _____ Date: _____

Final Faculty senate Approved form as of 9/15/06

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KENTUCKY STATE UNIVERSITY
FACULTY SENATE
CURRICULUM COMMITTEE

COURSE CHANGE PROPOSAL

ACADEMIC UNIT: MASC: Mathematics

DATE PREPARED: 10-11-16

PRIMARY AUTHOR(S): Fariba Bigdeli-Jahed

ACADEMIC DISCIPLINE FACULTY APPROVED:
(Committee Chairperson's Signature) _____ 2-1-17 **(Date)**

CHAIRPERSON APPROVED:
(Chairperson's) _____ 2-1-17 **(Date)**

1. **CURRENT COURSE NUMBER: MAT 111**

2. CURRENT COURSE TITLE (Limited to 32 Spaces Including Blanks): Contemporary Mathematics

3. Starting With: X Fall Spring Summer Year 2017

4. CROSSLISTING DEPARTMENTS (attach supporting letters);

a) _____ c) _____

b) _____ d) _____

5. CHECK ITEM(S) BELOW FOR CHANGES DESIRED:

____ Course Number
____ Credits
____ Course Title
____ Grading System
____ Crosslist Status
Prerequisites
____ Planned Offering
Catalogue Description
____ Delete Course
____ Course Level
____ Required Status
____ Other

6. EXPLANATION/JUSTIFICATION FOR REQUESTED CHANGE(S). ENTER BOTH CURRENT AND PROPOSED DATA FOR EACH CHANGE (use additional pages as necessary):
We are removing the prerequisite requirement for MAT 111 and using the accelerated pedagogy used in the pilot course, MAT 172, which does not have any prerequisite. The course success rate in MAT 172 has been similar or higher than MAT 111. As a result of the pilot accelerated courses, the Mathematics department eliminated the developmental mathematics courses.

Current Catalogue Description

MAT 111: Contemporary Mathematics. This course develops problem-solving and mathematical skills through a sequence of applied topics. Topics include mathematical finance, probability and statistics, growth models for a variety of situations, and geometry. Prerequisite: MAT 096 with grade of C or higher, or placement based on scores on ACT, SAT, or mathematics placement test. **CREDIT: THREE SEMESTER HOURS.**

Proposed Course Description:

MAT 111: Contemporary Mathematics. This course develops problem-solving and mathematical skills through a sequence of applied topics. Topics may include mathematical finance, probability and statistics, growth models for a variety of situations, and geometry. The prerequisite material required for each topic will be covered with the topic. Students will attend a total of four hours of lecture and laboratory per week taught by mathematics faculty and mathematics instructional counselors. **CREDIT: THREE SEMESTER HOURS**