KENTUCKY STATE UNIVERSITY
FACULTY SENATE
CURRICULUM COMMITTEE

FSCC# 16-17-25 Effective Date _____

CURRICULAR/PROGRAM CHANGE TRACKING DOCUMENT

ACADEMIC UNIT: MASC: Mathematics _____ **DATE SUBMITTED: 1-31-17**

1. **BRIEF EXPLANATION OF PROPOSED CHANGE:**
Change the course description and number for MAT 171 to MAT 101

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
- ☐ X 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

Kentucky State University is an equal educational and employment opportunity/affirmative action institution

KENTUCKY STATE UNIVERSITY
FACULTY SENATE
CURRICULUM COMMITTEE

COURSE CHANGE PROPOSAL

ACADEMIC UNIT: MASC: Mathematics

DATE PREPARED: 1-31-2017

PRIMARY AUTHOR(S): Fariba Bigdeli-Jahed

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

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

1. **CURRENT COURSE NUMBER: MAT 171**

2. CURRENT COURSE TITLE (Limited to 32 Spaces Including Blanks): Algebraic Concepts

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:

__X__ Course Number	____ Course Title	____ Crosslist Status
___ Credits	____ Grading System	____ 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):

MAT 171, Algebraic Concepts, was offered on pilot bases as the pre-requisite course for MAT 176, Accelerated College Algebra. The number -7- is used for pilot courses. We would like to mainstream the course by changing the number to 101.

Current Catalogue description:
MAT 171: Algebraic Concepts. This is a 3-credit course consisting of three hours of regular classroom contact taught by mathematics faulty and 2 hours of supplemental math studio contact guide by ACE instructional counsellors in coordination with the faculty responsible for the course. This course develops algebraic skills through the use of data collection, hands-on manipulatives, and application of algebraic concepts with embedded study skills. Topics include the properties of equality; linear equalities and

inequalities, with applications; graphing (linear, quadratic, and exponential growth models), including data collection; rigorous quantitative and qualitative analysis of quadratic functions; and appropriate applications.
This course serves as a prerequisite for students whose intended major requires them to complete MAT 115/176. Prerequisite: MAT 095 with a grade of C or better or appropriate sores on ACT, SAT, or mathematics placement test. **CREDIT: THREE SEMESTER HOURS.**

Proposed Course Description:

MAT 101: Algebraic Concepts. This course develops algebraic skills through the use of data collection, hands-on manipulatives, and application of algebraic concepts with embedded study skills. Topics include the properties of equality; linear equalities and inequalities, with applications; graphing (linear, quadratic, and exponential growth models), including data collection; rigorous quantitative and qualitative analysis of quadratic functions; and appropriate applications.
This course serves as a prerequisite for students whose intended major requires them to complete MAT 115A. Prerequisite: Math ACT/SAT sub-score of 15-18/350-450. Students will attend a total of four hours of laboratory and one hour of lecture per week taught by mathematics faculty and mathematics instructional counselors **CREDIT: THREE SEMESTER HOURS.**

.