Effective Date: Fall 2016

**Proposed Program Revision for
Mathematics for Teacher Education Option**

The Department of Mathematics and Computer Science has added one new core required course-

MAT 2400 – Introduction to Teaching Secondary Mathematics

and is reducing the credit hours for the following course-

MAT 3400 – Teaching Secondary Mathematics

These changes keep the program semester hour total at 50 hours for required core mathematics courses.

The original methods course, MAT 3400 was split into two courses to better accommodate changes in state standards, as well as the new requirement by the Department of Secondary Education that students complete a methods course prior to SED 3330. MAT 3400 requires significant content knowledge and is not a course that could be successfully completed by the typical freshman/sophomore student. MAT 2400 will deal primarily with introductory pedagogical mathematics teaching practices.

Current Catalog for required Mathematics courses

- MAT 1441G - Calculus and Analytic Geometry I.   Credits: 5
- MAT 2170 - Computer Science I.   Credits: 4
- MAT 2270 - Technology in Mathematics.   Credits: 3
- MAT 2442 - Calculus and Analytic Geometry II.   Credits: 5
- MAT 2443 - Calculus and Analytic Geometry III.   Credits: 4
- MAT 2550 - Introduction to Linear Algebra.   Credits: 3
- MAT 2800 - Foundations of Mathematics.   Credits: 3
- MAT 3271 - College Geometry I.   Credits: 3
- MAT 3272 - College Geometry II.   Credits: 3
- MAT 3400 - Teaching Secondary Mathematics.   Credits: 4
- MAT 3530 - Abstract Algebra.   Credits: 4
- MAT 3701 - Probability and Statistics I.   Credits: 3
- MAT 3702 - Probability and Statistics II.   Credits: 3
- MAT 4900 - History of Mathematics.   Credits: 3

Revised Catalog for required Mathematics courses

- MAT 1441G - Calculus and Analytic Geometry I.   Credits: 5
- MAT 2170 - Computer Science I.   Credits: 4
- MAT 2270 - Technology in Mathematics.   Credits: 3
- **MAT 2400 – Introduction to Teaching Secondary Mathematics**   **Credits: 1**
- MAT 2442 - Calculus and Analytic Geometry II.   Credits: 5
- MAT 2443 - Calculus and Analytic Geometry III.   Credits: 4
- MAT 2550 - Introduction to Linear Algebra.   Credits: 3
- MAT 2800 - Foundations of Mathematics.   Credits: 3
- MAT 3271 - College Geometry I.   Credits: 3
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Date approved by the department or school: April 6, 2015
Date approved by the college curriculum committee: September 4, 2015
Date approved by CAA: **CGS:**