Code # Enter text…

**Course Deletion Proposal Form**

**[x] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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| Suzanne Melescue | 2/10/2017 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Jie Miao | 2/10/2017 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| David F. Gilmore | 2/17/2017 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| John M. Pratte | 2/17/2017 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

**1. Course Title, Prefix and Number**

MATH 1143, Finite Mathematics

**2. Contact Person** (Name, Email Address, Phone Number)

Jie Miao, jmiao@astate.edu, 680-8168

**3. Last semester course will be offered**

It will not be offered in the future.

Please clarify by selecting one of the following:

1. [X] Remove Mathematics/MATH 1143. Finite Mathematics from bulletin for Fall of 2017
2. [ ] Other - Please clarify - Click here to enter text.

**N/A4. Student Population**

a. The course was initially created for what student population?

The course was initially created as an alternative for College Algebra.

b. How will deletion of this course affect those students?

The deletion will not affect any students as it hasn’t been offered for many years. MATH 1043 Quantitative Reasoning is now an alternative for College Algebra for some degree programs.

**College, Departmental, or Program Changes**

**5.** a. How will this affect the college, department, and/or program?

It will not affect the college and department.

b. Does this program and/or course affect another department? No

If yes, please provide contact information from the Dean, Department Head, and/ or Program Director whose area this affects.

 Enter text...

 c. Please provide a short justification for why this course being deleted from program.

 This course was an alternative for College Algebra for some degree programs. It has not been offered for many years and MATH 1043 Quantitative Reasoning is now an alternative for College Algebra.

**6. Is there currently a course listed in the bulletin which is equivalent to this one?** No

If yes, which course(s)?

 Enter text...

**7. Will this course be equivalent to a new course?** No

If yes, what course?

Enter text...

**Bulletin Changes**

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| **Instructions**  |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.** **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)- New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font). - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)*You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.**Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

**DEPARTMENT OF MATHEMATICS AND STATISTICS**

**Methods and Materials Teaching Mathematics (EDMA)**

**EDMA 4563. Methods and Materials for Teaching Mathematics in the Secondary School** Sys­tematic application of a variety of activities to facilitate the development of competent mathematics teachers. Development and implementation of instructional strategies for teaching mathematics, explicating types of knowledge and the ways they can be taught. Must be admitted to the Teacher Education Program. Spring.

**Mathematics (MATH)**

**MATH 0003. Introductory Algebra** Credit not applicable toward a degree. Real numbers, inequali­ties, linear equations, exponents, polynomials, and rational expressions. A grade of C or better must be made in this course before enrolling in MATH 0013. Prerequisite, MATH ACT of 16. The grade in this course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Fall, Spring, Summer.

**MATH 0013. Intermediate Algebra** Credit not applicable toward a degree. Exponents, radicals, polynomials, rational expressions, linear equations, functions, graphs, factoring, introduction to quadratic equations, and related topics. A grade of C or better must be made in this course before enrolling in MATH 1023, or MATH 1054. Prerequisite, High School Algebra I and Math ACT of 17 or 18, or a C or better in MATH 0003. The grade in this course will not be used to compute semester and cumulative grade point averages. The course does not count toward any degree. Fall, Spring, Summer.

**MATH 1023. College Algebra** Equations and inequalities, functions and graphs, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices, and miscellaneous topics. No credit given if taken following MATH 1054. Prerequisite, High School Algebra II and score of 21 or above on ACT Math or 530 or above on SAT Mathematics or 47 or above on COMPASS Algebra or a grade of C or better in MATH 0013 or completion of 9 modules in UC 0173 and UC 022V. Fall, Spring, Summer. (ACTS#: MATH 1103)

**MATH 1033. Plane Trigonometry** Right triangles and similar triangles, trigonometric ratios, degrees, and radians, trigonometric functions, circular functions, trigonometric identities, inverse trigonometric functions, trigonometric equations, Law of Sines, Law of Cosines, vectors, polar coor­dinates, and complex numbers. No credit given if taken following MATH 1054. Prerequisite, High School Algebra II and score of 21 or above on Math ACT or 530 or above on Math SAT, or a grade of C or better in MATH 0013 or completion of 9 modules in UC 0173 or UC 022V or Corequisite, MATH 1023. Fall, Spring, Summer. (ACTS#: MATH 1203)

**MATH 1043. Quantitative Reasoning** Quantitative reasoning as the approach to understanding relationships using mathematical and algebraic methodologies. Contemporary topics will be used to identify, analyze, generalize, and communicate quantitative relationships. Prerequisite, High School Algebra II and score of 19 or above on ACT Math or 460 or above on SAT Mathematics or 36 or above on COMPASS Algebra or 42 or above on ASSET Algebra or a grade of C or better in MATH 0013 or completion of 12 modules in UC 0173 and UC 022V. Fall, Spring, Summer. Fall, Spring, Summer. (ACTS#: MATH 1003)

**MATH 1054. Precalculus Mathematics** Selected topics from algebra, trigonometry, and analytic geometry. Prerequisite, High School Algebra II and score of 24 or above on Math ACT or 590 or above on Math SAT, or MATH 1023. Fall, Spring, Summer. (ACTS#: MATH 1305)

**MATH 1093. Making Connections Mathematics** Required course for first semester freshmen. Core content includes transition to college, academic performance skills, problem solving, critical thinking, self management, group building skills, and university policies. Content related to the departmental majors is also included. Fall.

**~~MATH 1143. Finite Mathematics~~** ~~Selected topics include linear systems, matrices, linear equalities, linear programming simplex method, probability, combinatorics, statistics and finance application. Prerequisites, MATH 1023. Demand~~