

APPLICATION FOR CHANGE IN EXISTING COURSE: MAJOR & MINOR

- 1 Submitted by College of Lexington Community College Date 9/12/03
Department/Division offering course Mathematics/Physical Sciences and Engineering Technologies
2. Changes proposed.
 - (a) Present prefix and number MAH 060 Proposed prefix and number MAH 061
 - (b) Present Title Pre-Algebra
New Title Pre-Algebra
 - (c) If course title is changed and exceeds 24 characters (including spaces), include a sensible title (not to exceed 24 characters) for use on transcripts:
 - (d) Present credits: 3 Proposed credits: 3
 - (e) Current lecture: laboratory ratio n/a Proposed: n/a
 - (f) Effective Date of Change: (Semester & Year) Fall 2004
3. To be Cross-listed as _____
(Prefix and Number) (Signature: Dept. Chair)
4. Proposed change in Bulletin description:
 - (a) Present description (including prerequisite(s):
Students enhance their understanding and manipulative skills in the arithmetic of rational numbers. Topics include whole numbers, fractions, decimal fractions, percents, ratios, proportions, and signed numbers.
 - (b) New description:
Students will enhance their understanding of rational numbers and linear equations. Emphasis will be placed on the vocabulary and manipulative skills needed for operations involving whole numbers, fractions, decimal numbers, percents, signed numbers, and simple algebraic expressions, and for solving simple linear equations.
 - (c) Prerequisite(s) for course as changed:
5. What has prompted this proposal?
Students need more practice with vocabulary, algebraic expressions and linear equations to prepare them for MAH 070 Elementary Algebra.

6. If there are to be significant changes in the content or teaching objectives of this course, indicate changes:
Increased emphasis will be placed on vocabulary, simplifying algebraic expressions, and solving linear equations.
7. What other departments could be affected by the proposed change?
None
8. Will changing this course change the degree requirements in one or more programs?
 No Yes (If yes, attach an explanation of the change.)*
9. Is this course currently included in the University Studies Program? No Yes (If yes, please attach correspondence indicating concurrence of the University Studies Committee.)
10. If the course is a 100-200 level course, please submit evidence (e.g. correspondence) that the Community College System has been consulted.
11. Is this a minor change? No Yes (NOTE: See the description on this form of what constitutes a minor change. Minor changes are sent directly from the Dean of the College to the Chair of the Senate Council. If the latter deems the change not to be minor, it will be sent to the appropriate Council for normal processing.)
12. Within the Department, who should be consulted for further information on the proposed course change?

Name: Debbie Singleton Phone Extension: 4130

The Minor Change route for courses is provided as a mechanism to make changes in existing courses and is limited to one or more of the following:

- a. change in number within the same hundred series;
- b. editorial change in description which does not imply change in content or emphasis;
- c. editorial change in title which does not imply change in content or emphasis;
- d. change in prerequisite which does not imply change in content or emphasis;
- e. crosslisting of courses under conditions set forth in item 3.0;
- f. correction of typographical errors. [University Senate Rules, Section III - 3.1]

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Additional Information on CCS Forms

1 Course Outline: (Two-level outline required)

OUTLINE:

- I. Whole Numbers
 - A. Vocabulary
 - B. Basic Operations – addition, subtraction, multiplication, and division
 - C. Powers and Square Roots
 - D. Order of Operations
 - E. Rounding and Estimation
 - F. Properties of Whole Numbers
 - G. Applications

- II. Fractions
 - A. Vocabulary
 - B. Basic Operations – addition, subtraction, multiplication, and division
 - C. Powers and Square Roots
 - D. Order of Operations
 - E. Equivalent Fractions
 - F. Comparisons (< or >)
 - G. Applications

- III. Decimal Numbers
 - A. Vocabulary
 - B. Basic Operations – addition, subtraction, multiplication, and division
 - C. Powers and Square Roots
 - D. Order of Operations
 - E. Rounding and Estimation
 - F. Applications

- IV. Percents
 - A. Vocabulary
 - B. Conversions among Fractions, Decimal Numbers and Percents
 - C. Percentage of a Base
 - D. Applications

- V. Signed Numbers
 - A. Vocabulary
 - B. Basic Operations – addition, subtraction, multiplication, and division
 - C. Powers
 - D. Order of Operations
 - E. Comparisons (< or >)
 - F. Applications

- VI. Algebraic Expressions
 - A. Vocabulary
 - B. Simplification
 1. Combining Like Terms
 2. Distributive Property
 - C. Evaluation
 - D. Translation from words to expressions

VII. Linear Equations

- A. Vocabulary
- B. Equivalent Equations
 - 1. By addition property
 - 2. By multiplication property
 - 3. Equations of the Form $ax + b = cx + d$
- C. Checking the Answer

- 2. List of Experiments/Activities: (If laboratory or clinic is involved)
n/a
- 3. Changes in Suggested Learning Resources:
n/a
- 4. Impact of Change on Enrollment:
n/a
- 5. For Inclusion on LCC General Education List:
 - A. Degree Area (AA/AS or AAS or both)
 - B. Competency Area
 - C. General Education Competency Statement (List and provide examples of implementation methods/activities)
 - D. Across the Curriculum Competencies (List and provide examples of implementation methods/activities)
- 6. For Removal from General Education List:
 - A. Competency Area
 - B. Rationale
- 7. For Inclusion on University Studies List: (A syllabus must be attached.)
 - A. Area
 - B. Course Competencies
 - C. Description of Writing Component

If a course has not been revised during the last five (5) years, the major change route must be used.

Signatures of Approval:

Department Chair: Cindy Barber Date: 10/15/03

Dean of the College: [Signature] Date: 10-21-03

Date of Notice to the Faculty: _____

Undergraduate Council: _____ Date: _____

Graduate Council: _____ Date: _____

Academic Council for the Med. Ctr: _____ Date: _____

Senate Council: _____ Date of Notice to Univ. Senate: _____
(Chair)

ACTION OTHER THAN APPROVAL: _____

Adopted: September, 1989