

**UNDERGRADUATE COURSE CHANGE
GENERAL EDUCATION**

Proposal for a Course Change

Department MACS **Submission Date** 10/2013
Semester of Implementation Fall 2014

I. Proposed Course Change Information

	CURRENT	Check Box if no Change	PROPOSED CHANGE
Discipline Prefix	<u>Math</u>	<input checked="" type="checkbox"/>	_____
Course Number	<u>131</u>	<input checked="" type="checkbox"/>	_____
Course Title	<u>Mathematical Thinking</u>	<input checked="" type="checkbox"/>	_____
Credit Hours	<u>3</u>	<input checked="" type="checkbox"/>	_____

If yes, attach a justification for the change in credit hours and copies of current and proposed syllabi.

Prerequisites	<u>None</u>	<input checked="" type="checkbox"/>	_____
Speaking Intensive	<u>No</u>	<input checked="" type="checkbox"/>	_____

If adding a speaking intensive designation, attach a copy of the department speaking intensive policy to the proposal.

Writing Intensive	<u>No</u>	<input checked="" type="checkbox"/>	_____
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If Cross-Listed:

Secondary Prefix	_____	<input checked="" type="checkbox"/>	_____
Course Number	_____	<input checked="" type="checkbox"/>	_____

Current Course Description:

An introduction to mathematical thinking through various studies. Mathematical patterns in the world around us through topics such as the Golden Ration, Fibonacci series, Pi, fractals, chaos. Basic number theory and modular arithmetic applied to cryptology, check digit schemes, and music theory. Introductory statistics and finance. 3 credits. *Fulfills General Education Goal 5.

Proposed New Course Description (***Must match description on course syllabus***):

None

Delete Course from Catalog

Submit to Storage

General Education Goal(s) for which course is designed: _____

Does the proposed change affect how the course will satisfy the nine (9) required General Education Course Criteria (page 11)?

Yes No If yes, please explain :

Since the course will no longer be offered, it will no longer satisfy the nine (9) General Education Course Criteria.

Please attach a proposed syllabus in Longwood format that contains proposed changes.

II. Required for Major, Minor, Concentration (please specify):

No

III. Rationale for Proposed Changes:

The new Math 150 course has enough flexibility to be taught with many of these same topics. Thus this course is no longer needed.

IV. Resource Assessment, if change warrants it:

A. How frequently do you anticipate offering this course?

Never

B. Describe anticipated change in staffing for the course:

None

C. Estimate the cost of new equipment required due to change:

None

D. Estimate the cost of and describe additional library resources:

None

E. Will the change in this course require additional computer use, hardware or software?

Yes

No

If yes, please describe and estimate cost:

F. Will a new or changed course fee be assessed?

Yes

No

If yes, the Fee Recommendation Worksheet must accompany this form. It is found at the following url: www.longwood.edu/budget

SIGNATURE PAGE
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GENERAL EDUCATION

Course Name/Number Math 131 Course Title Mathematical Thinking

V. Approvals

	Date Received	Date Approved	Signature
1. Department Curriculum Committee Chair	_____	_____	_____
2. Department Chair	_____	_____	_____
The Department Chairs, whose programs may be affected, have been notified:			
Department	_____	Date Notified	_____
Department	_____	Date Notified	_____
Department	_____	Date Notified	_____
3. College Dean	_____	_____	_____
4. College Curriculum Committee	_____	_____	_____
5. General Education Committee	_____	_____	_____
6. Educational Policy Committee	_____	_____	_____
7. Faculty Senate Chair	_____	_____	_____
8. Date received by Registrar	_____		

All curriculum proposals/changes are processed in the date order received. In order to be included in the next academic year's catalog, all paperwork must be submitted no later than:

December 15th to the College Curriculum Committee
February 1st to the General Education Committee
March 1st to the Educational Policy Committee (EPC)

Submission within the deadlines does not guarantee processing in time for the next academic year's catalog.