

ACADEMIC SENATE PROPOSAL TRACKING SHEET

(Document To Be Originated By Academic Senate Secretary On Canary Color Paper)

All proposals MUST have their originating college faculty body (Ex. Nursing, Technical Sciences, Arts & Sciences, Education) approval and must be signed by the submitter and the college chair/dean before being submitted to the academic senate secretary.

1. Submit all proposals (using the appropriate Academic Senate program/degree and/or course revision forms) to the Academic Senate Secretary.
2. The Academic Senate Secretary logs and numbers items and forwards them to the appropriate Academic Senate subcommittee(s): Teacher Education (if applicable), General Education (if applicable), or Curriculum.
3. The Academic Senate subcommittee(s) consider(s) the proposal. If approved, the proposal is forwarded to the next committee. If a committee disapproves the proposal, the originator may request that the item be forwarded to the next body for consideration. The committee will provide written rationale to the originator when a proposal is disapproved and the proposal is returned to the originator.
4. The Academic Senate considers the proposal and approves or disapproves. If approved, the proposal is forwarded to the Full Faculty for consideration. If the Academic Senate disapproves the proposal, the originator may request that the item be forwarded to the Full Faculty for consideration. The Academic Senate will provide written rationale to the originator when proposals are disapproved and the proposal is returned to the originator.
5. The Full Faculty considers academic senate approved proposals. If faculty approve, the proposal will then be forwarded to the Provost. The Provost approves or disapproves the proposal. If approved, the proposal is then forwarded to the Chancellor.
7. The Chancellor approves or disapproves the proposal.

Subcommittee and Academic Senate college representatives will notify their respective colleges' of the progress of submitted proposals or the proposal may be tracked via the web page --

<http://www.msun.edu/admin/provost/asproposals.htm>

Documentation and forms for the curriculum process is also available on the web page:

<http://www.msun.edu/admin/provost/asforms.htm>

***** (If a proposal is disapproved at any level, it is returned through the Academic Senate secretary to the Chair/Dean of the submitting college who then notifies the originator.)

Proposal # <u>03-11</u>	Title: <u>Course Revision MATH 120</u>
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(proposal explanation, submitter and college chair/dean signatures on attached program/degree or course revision form)

Received by ACAD Senate Forwarded to Teacher Ed Council	Date <u>2/25/04</u> <u>2/25/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>3/17/04</u> Date
Forwarded to Gen Ed Committee	Date <u>3/22/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>3/29/04</u> Date
Returned to ACAD Senate Forwarded to Curriculum Committee	Date <u>3/30/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>04/20/04</u> Date
Returned to ACAD Senate for Vote	Date <u>4/20/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>4/20/04</u> Date
Sent to Provost's office for Full Faculty vote Voted on at Full Faculty meeting	Date <u>4/23/04</u> <u>4/22/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>4/27/04</u> Date
Forwarded to Provost for Approval/Disapproval	Date <u>4/27/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>4/28/04</u> Date
Forwarded to Chancellor for Approval/Disapproval	Date <u>4/28/04</u>	Approved <input checked="" type="checkbox"/> <u>[Signature]</u> Signature Disapproved <input type="checkbox"/> <u>4/29/04</u> Date

COURSE REVISION FORM

NEW ___ DROPPED ___ REVISION x FOR INFORMATION ONLY ___

College: Arts and Sciences

Program Area: Mathematics

Date: February 6, 2004

Submitter SUITTA

Chair/Dean Will Raim

Date 2/24/04

Signature

2-13-04

Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s):

The intent of this proposal is to revise the Math 120 course description. As the Math 120 course description is currently written it is, for some, not distinguishable from the Math 110 course description. Mathematics is a discipline in which hierarchy and compression is central. The conceptual richness of the content required for the teaching of elementary-school mathematics can be intellectually challenging. The elementary-school teacher must work backward from the mature and compressed understanding of the content area and unpack its constituent elements. In no way is Math 110 designed, in its survey atmosphere, to touch the decompression required and exhibited in Math 120.

Please provide the following information:

College: Arts and Sciences

Program Area: Mathematics

Date: February 6, 2004

Course Prefix & No.: Math 120

Course Title: Mathematics for Elementary Teachers I

Credits: 3 (three)

Required by: Elementary Education Majors

Selective in: none

Elective in: none

General Education: Yes, for elementary education majors only.

Lecture: yes

Lecture/Lab:

Contact hours lecture: 3 (three)

Contact hours lab:

Current Catalog Description (include all prerequisites):

Topics relating to elementary mathematics education including number systems, probability and algorithms for basic operations. Some algebra is also covered. Prerequisite: MATH 094, MATH 095, or placement by ACT scores or university placement examination. **Course Fee:** \$5.00

Proposed or New Catalog Description (include all prerequisites):

This course covers topics relevant to elementary mathematics education (K-8) including problem solving, sets, functions, probability, and numeration systems with corresponding properties, basic operations algorithms, and number theory. The course unpacks the constituent elements of the topics covered so that one understands the continuous thread of each concept/topic as it is taught at every grade level. Manipulatives, hands-on-lab activities, and technology-based exercises guide the student to discover the concepts/topics and illustrate how such may be presented to the elementary-school student. Prerequisite: MATH 094, MATH 095, or placement by ACT scores or university placement examination. **Course Fee:** \$5.00

Course Outcome Objectives:

Additional instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.