

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>04-51</u>	Title: <u>MATH 120</u>
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(proposal explanation, submitter and college chair/dean signatures on attached program/degree or course revision form)

	Date				
Received by ACAD Senate	-				
Forwarded to Teacher Ed Council	<u>E-MAIL</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>3/29/05</u>
Forwarded to Gen Ed Committee	<u>N/A</u>	Approved <input type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>[Date]</u>
Returned to ACAD Senate	<u>3-1-05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>3-29-05</u>
Forwarded to Curriculum Committee	<u>3-1-05</u>	Approved <input type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>[Date]</u>
Returned to ACAD Senate for Vote	<u>4-11-05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>4/12/05</u>
Sent to Provost's office for Full Faculty vote	<u>4-13-05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>4/20/05</u>
Voted on at Full Faculty meeting	<u>4/20/05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>5/2/05</u>
Forwarded to Provost for Approval/Disapproval	<u>4/20/05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>5/10/05</u>
Forwarded to Chancellor for Approval/Disapproval	<u>5/10/05</u>	Approved <input checked="" type="checkbox"/>	Disapproved <input type="checkbox"/>	<u>[Signature]</u>	<u>[Date]</u>
Copies sent to originating college and registrar's office	<u>5/10/05</u>				

COURSE REVISION FORM

NEW ___ DROPPED ___ MAJOR REVISION ___ FOR INFORMATION ONLY ___

College Education, Arts & Sciences, and Nursing Program Area Math Date 2/24/05

Submitter *Gregg Hater* Chair/Dean *Will Rein* Date March, 2005
Signature Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s): Currently, two Mathematics for Elementary Teachers courses exist in sequence with a prerequisite of MATH 094-Beginning Algebra. We propose to add MATH 112-College Algebra to the required elementary mathematics sequence and combine the topics of these two existing courses into one course focused on the arithmetic and geometry needed by elementary teacher candidates. A persistent weakness identified in some elementary education graduates and student teachers has been their inability to teach math effectively at the middle school level. College Algebra will add skills needed for teaching in middle school and should increase student scores on planned standardized assessment tests. The prerequisites have been changed to reflect state standards and help prepare students to learn more effectively in the combined arithmetic and geometry class. Revise course description of MATH 120 to meet Elementary Education standards.

Please provide the following information:

College: Education, Arts & Sciences, and Nursing
Program Area: Math
Date: 2/24/05
Course Prefix & No.: MATH 120

Course Title: Mathematics for Elementary Teachers I

Credits: 3

Required by: Elementary Education majors

Selective in:

Elective in:

General Education: Yes

Lecture: 3

Lecture/Lab:

Gradable Lab:

Contact hours lecture:

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 means of ACT scores or university placement examination. **Course Fee: \$5.00**

Proposed or New Catalog Description (include all prerequisites):

All topics included are related to elementary mathematics education. Number topics include numeral systems, problem solving, set theory foundation of the real number system, arithmetic algorithms, statistics, probability, and algebra notions. Geometry topics include plane and solid shape classification and properties, congruence, similarity, symmetry, trigonometry, measurement, and transformations.

Prerequisite: MATH 095 or placement by means of 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.