

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. Arts & Sciences, Education and Nursing; Technical Sciences) approval and must be signed by the submitter and the college 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 Dean of the submitting college who then notifies the originator.)**

| | |
|-------------------------|--|
| Proposal # 05-18 | Title: MATH 093 Course Revision |
|-------------------------|--|

(proposal explanation, submitter and college dean signatures on attached program/degree or course revision form)

| | | | |
|--|----------------------------------|---|--|
| Received by ACAD Senate Forwarded to Teacher Ed Council | Date 12/19/05 | Approved _____ Disapproved _____ | |
| Forwarded to Gen Ed Committee | _____ | Signature _____ Date _____ Approved _____ Disapproved _____ | |
| Returned to ACAD Senate Forwarded to Curriculum Committee | 12/20/05 | Approved _____ Disapproved _____ Signature <i>Maureen Sellen</i> Date 1/20/06 | |
| Returned to ACAD Senate for Vote | 1/24/06 | Approved _____ Disapproved _____ Signature _____ Date 1/24/06 | |
| Sent to Provost's office for Full Faculty vote Voted on at Full Faculty meeting | 1/25/06 1/31/06 | Approved _____ Disapproved _____ Signature _____ Date 1/31/06 | |
| Forwarded to Provost for Approval/Disapproval | 2/1/06 | Approved _____ Disapproved _____ Signature _____ Date 2/1/06 | |
| Forwarded to Chancellor for Approval/Disapproval | 2/1/06 | Approved _____ Disapproved _____ Signature _____ Date 2/1/06 | |
| Copies sent to originating college and registrar's office Updated 09/29/05 | 2/6/06 | Signature _____ Date _____ | |

COURSE REVISION FORM

NEW _____ DROPPED _____ MAJOR REVISION X FOR INFORMATION ONLY _____

College Education Arts & Science Program Area Math Date 12-09-05

Submitter Bob J. [Signature] Dean [Signature] Date 12-14-05
Signature (indicates "college" level approval)

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

This is a redefinition of the developmental mathematics class to more clearly reflect the evolution of the class offering. It is also an effort to streamline the math offerings.

Please provide the following information:

College: Education, Arts and Sciences and Nursing

Program Area: Math

Date: 12-09-05

Course Prefix & No.: Math 093

Course Title: Developmental Mathematics

Credits: 3

Required by:

Selective in:

Elective in:

General Education:

Lecture:

Lecture/Lab:

Gradable Lab: 100%

Contact hours lecture:

Contact hours lab:

Current Catalog Description (include all prerequisites):

MATH 093 Developmental Mathematics

This course is designed for the student not ready for general-education-core mathematics. The course will cover concepts and topics from basic arithmetic through intermediate algebra in a mathematics-lab setting. The course will be guided by a computer-based, interactive curriculum in the areas of arithmetic, beginning algebra, and intermediate algebra. The spirit of the course is to allow the student to enter any level within (guidance given to placement as per the university-placement procedure) these areas and proceed to proficiency for entrance to the general-education-core mathematics course required in his/her major. Placement is by ACT mathematics score or university-placement examination.

Proposed or New Catalog Description (include all prerequisites):

MATH 093 Developmental Mathematics of Arithmetic and Algebra.

This course is for students not ready for college level mathematics and covers the pre-algebra through intermediate algebra mathematics skills needed for college level mathematics courses. The course is delivered in a lab setting allowing students to progress at their own level with the aid of an on site instructor. The class is organized into three distinct levels of Arithmetic, Beginning Algebra, and Intermediate Algebra with the student required to complete each segment in sequence. Arithmetic topics include concepts and topics of the real number system: including numeric operations, decimals, exponents, radicals, integers, ratios, proportions, fractions, factors, prime numbers, and numeric story problem applications. Beginning Algebra topics include: power numbers, radicals, logarithms, rational expressions, linear properties, graphs, ordered pairs, relations, polynomial factoring, functions, solutions to linear and systems of two equations. Intermediate Algebra topics include determinants, complex factoring, complex rational expressions, solving logarithmic and exponential equations, applying linear properties such as distance and slope, relating data to equation type, application formulas, and application story problems. This course may be repeated as necessary. Prerequisites: None. *after disclaimer.

Course Outcome Objectives:

This course will provide an opportunity for those students with limited mathematics background to go at their own pace through arithmetic and then advance into algebra to prepare them for success in the college level mathematics courses.

Additional instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources. None.

Updated 09/29/05