

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>04-54</u>	Title: <u>Request AY 2004 as Cat. III gen ed core case</u>
(proposal explanation, submitter and college chair/dean signatures on attached program/degree or course revision form)	

	Date		
Received by ACAD Senate	<u>3-2-05</u>	Approved _____	Disapproved _____
Forwarded to Teacher Ed Council	<u>N/A</u>	Signature _____	Date _____
Forwarded to Gen Ed Committee	<u>3-2-05</u>	Approved <input checked="" type="checkbox"/>	Disapproved _____
Returned to ACAD Senate	<u>3-4-05</u>	Signature <u>Gregory P. [unclear]</u>	Date <u>3/3/05</u>
Forwarded to Curriculum Committee	<u>3-4-05</u>	Approved <input checked="" type="checkbox"/>	Disapproved _____
Returned to ACAD Senate for Vote	<u>4/20</u>	Signature <u>Wanda E. [unclear]</u>	Date <u>4-19-05</u>
Sent to Provost's office for Full Faculty vote	<u>4/20</u>	Approved <input checked="" type="checkbox"/>	Disapproved _____
Voted on at Full Faculty meeting	<u>4/26/05</u>	Signature _____	Date <u>4/26/05</u>
Forwarded to Provost for Approval/Disapproval	<u>4/26/05</u>	Approved _____	Disapproved _____
Forwarded to Chancellor for Approval/Disapproval	<u>5/10/05</u>	Signature _____	Date <u>5/2/05</u>
Copies sent to originating college and registrar's office	<u>5/10/05</u>	Approved _____	Disapproved _____
C:/data/proposaltracking sheet ACAD 10 10 01		Signature _____	Date <u>5/10/05</u>

COURSE REVISION FORM

NEW ___ DROPPED ___ MAJOR REVISION ___ FOR INFORMATION ONLY X

College COTS Program Area Ag Technology Date 2-25-05

Submitter Thomas Mueller Chair/Dean Gregory D. Lipp Date 2-25-05
Signature Signature (indicates "college" level approval)

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

Slightly revise course description
Request course as a category III general education course
Remove current prerequisites

Please provide the following information:

College: COTS
Program Area: Agricultural Technology
Date: 2/25/05
Course Prefix & No.: AG204
Course Title:
Credits: 4

Required by: A.A.S in Agricultural Technology, AOT B.S.,

Selective in:

Elective in:

General Education: Submit for Category III "Natural Sciences"

Lecture: 3

Lecture/Lab: 2

Gradable Lab:

Contact hours lecture: 3

Contact hours lab: 2

Current Catalog Description (include all prerequisites):

An examination of soil as a natural resource. Course topics include soil properties, soil classification, soil water, soil organisms, soil nutrients, and soil formation. Emphasis is placed on soil conservation and the proper management of our soil resources. Prerequisite: AG 102 or BIOL 221. This course does meet the Laboratory Science requirement.

Proposed or New Catalog Description (include all prerequisites):

This course is a study of soil as a natural and extremely valuable resource. Course topics include soil properties, soil classification, soil water, soil organisms, soil nutrients, and soil formation. Emphasis is placed on soil conservation and the proper management of our soil resources. Various laboratory exercises will be performed to analyze soil and its physical and chemical properties. This course does meet lab science requirement.

Course Outcome Objectives:

Students completing the requirements of this class will be able to:

- 1. Describe the physical, chemical and biological properties of soil*
- 2. Use basic soil science terminology*
- 3. List proper soil management practices*
- 4. Perform basic soil laboratory tests and experiments using reagents and basic soil test equipment and laboratory instruments for determining physical and chemical properties of soils*
- 5. Describe the role of soil as a natural resource*
- 6. List the nutrients required by plants and describe their chemical forms and transformations*
- 7. Describe many of the common fertilizer materials and their available formulations and formulations*
- 8. Explain the methods of applying, handling & storing commercial fertilizers*
- 9. Formulate a fertilizer mixture for given conditions*
- 10. Interpret commercial soil test results*
- 11. List future trends in soil management*

How Course Outcomes Meet the Technology General Education Category:

Those Met are Marked with an X

Category III - Natural Sciences

Students are expected to demonstrate the following outcomes upon successfully completing this category:

Describe the processes of observation, problem identification, hypothesis formulation, experimentation and verification which underlie scientific advancement.	X
Systematically develop principles for comprehension of the natural world	X
Demonstrate an appreciation for Laboratory Practice:	X
a. Demonstrate the ability to design an experiment.	X
b. Identify a properly designed experiment.	X
c. Study physical objects in a direct manner which yields verifiable knowledge.	X
d. Utilize laboratory equipment in a way that helps one appreciate both the power of technology and the dependence of contemporary scientific insight on the technology.	X

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