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): 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

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*****(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 # 11-26 | **Title:** Organic Chemistry II Major Revision (CHMY 323+324)

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

	Date		
Received by ACAD Senate	01-04-12		
Forwarded to Gen Ed Committee	~~3-7-12~~ N/A	Approved _____	Disapproved _____
		Signature	Date
Returned to ACAD Senate	2-21-12	-see comments	
Forwarded to Curriculum Committee	01-05-12	Approved ✓*	Disapproved _____
		Signature	~~5/4~~ 4/5/12 Date
Returned to ACAD Senate	_____		
Forwarded to Graduate Council	_____	Approved _____	Disapproved _____
		Signature	Date
Returned to ACAD Senate for Vote	04-06-12	Approved ✓	Disapproved _____
		Signature	4-19-12 Date
Forwarded to Provost for Approval/Disapproval	4-20-12	Approved X	Disapproved _____
		Rosalyn Anstine Templeton	5-3-12 Date
Forwarded to Chancellor for Approval/Disapproval	5-3-12	Approved ✓	Disapproved _____
		Signature	5-4-12 Date
Copies sent to originating college and	5-7-12		

Updated 09/10/09

COURSE REVISION FORM

NEW____ DROPPED____ MAJOR REVISION XX FOR INFORMATION ONLY____

College COEASN Program Area General Science/Chemistry Date 11-28-2011

Submitter [signature] Dean [signature] Date 12-12-11
Signature Signature (indicates "college" level approval)

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

Currently the organic chemistry lecture course (CHMY 323) is listed separately from the required organic chemistry laboratory, CHMY 324. This proposed revision will change the course listing by integrating the laboratory credits into the lecture course (CHMY 323). The integration of the course with the laboratory is appropriate since the chemistry laboratory serves as an introduction to many of the concepts in organic chemistry according to the research-supported, inquiry-based instructional approach. The integrated lecture and lab also mirrors some of the other organic chemistry courses in the state.

Please provide the following information:
College: COEASN
Program Area: Chemistry
Date: 11/28/2011
Course Prefix & No.: CHMY 323

Course Title: Organic Chemistry II
Credits: 5

Required by: Primarily for students who plan on majoring in medicine, health, pharmacy, engineering, or the sciences.
Selective in:
Elective in:
General Education:

Lecture: Integrated lecture and lab
Lecture/Lab: Integrated lecture and lab.
Gradable Lab:
Contact hours lecture: 5 credit hours for integrated lecture/lab course.
Contact hours lab:

Current Catalog Description (include all prerequisites):
Examination of molecules, their chemical and physical properties, reactions mechanisms of ether, carboxylic acids and their derivatives, aldehydes, ketones, amines, aryl halides, phenolic compounds, and introduction into biochemistry. Concurrent enrollment in CHMY 324 Organic Laboratory II is required. Prerequisite: CHMY 321.

Proposed or New Catalog Description (include all prerequisites):
The course description will not change.

Course Outcome Objectives:

1. **Develop students' procedural knowledge.** In other words, we will work to help students with the development of their ability to think, specifically with respect to those thinking patterns commonly used by scientists. Chemists often use skills such as mathematical pattern

recognition, and the development and manipulation of mental models of particulate-level phenomena.

2. **Develop students' content knowledge.** The curriculum of this course follows the recommendations of the American Chemical Society. We will work to cultivate students' knowledge of facts, theories, laws, and other information associated with organic chemistry.

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

Updated 09/29/05

COURSE REVISION FORM

NEW____ DROPPED XX MAJOR REVISION____ FOR INFORMATION ONLY____

College COEASN Program Area General Science/Chemistry Date 8-30-2011

Submitter [signature] Dean [signature] Date 1-4-12
Signature Signature (indicates "college" level approval)

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

The credits for the laboratory will be integrated into the lecture portion of the course.

Please provide the following information:
College: COEASN
Program Area: Chemistry
Date: 11/28/2011
Course Prefix & No.: CHMY 324

Course Title: Organic Chemistry II Lab
Credits: 0

Required by: Primarily for students who plan on majoring in medicine, health, pharmacy, engineering, or the sciences.
Selective in:
Elective in:
General Education:

Lecture:
Lecture/Lab:
Gradable Lab:
Contact hours lecture:
Contact hours lab: 4 hours per week

Current Catalog Description (include all prerequisites):
Laboratory portion of Organic Chemistry II. Preparation and identification of ether, carboxylic acid, esters, amines, aldehydes, ketone, other compounds, and reaction mechanisms. Concurrent enrollment in CHMY 323 is required. Prerequisite: CHMY 322. This course taken in conjunction with the lecture portion of the course (CHMY 343) meets the laboratory science requirement. Course Fee: $25.00

Proposed or New Catalog Description (include all prerequisites):
The course description will not change.

Course Outcome Objectives:

- Develop further the fundamental skills learned in the previous semester of Organic Chemistry Laboratory I
- Perform more advanced organic reactions: oxidations, reductions, electrophilic aromatic substitutions, carbon-carbon bond forming reactions
- Execute short multistep syntheses (2-3 steps)

additional resources.

Updated 09/29/05