ACADEMIC SENATE PROPOSAL TRACKING SHEET
(Document To Be Originated By the Academic Senate Secretary On Canary Color Paper)

Proposal # 20-12	Title: **M 105 Contemporary Mathematics**	JAN 15 2021

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

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.**
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1. Submit all proposals (using the appropriate Academic Senate program/degree and/or course revision forms or General Education Inclusion form) to the Academic Senate Secretary. **NOTE: Level 1 or Level 2 forms must be submitted concurrent with this proposal where applicable. For Education proposals, PEU approval must be received prior to forwarding the proposal to the Senate.**

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. A transmittal e-mail will be sent to the Recording Secretary of the receiving committee, cc Provost's Administrative Assistant, by the Academic Senate Secretary. A digital copy of the proposal will be linked on the Academic Senate Proposal page by the Academic Senate Secretary.

3. The Academic Senate subcommittee(s) consider(s) the proposal. If approved, the proposal is returned to the Academic Senate Secretary for forwarding 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, via the Academic Senate, when a proposal is disapproved and the proposal is returned to the originator. Upon completion of committee action, the proposal will be returned to the Academic Senate Secretary, and a transmittal e-mail sent by the Committee Recorder to the Senate Secretary, cc Provost's Administrative Assistant.

4. The Academic Senate considers the proposal and recommends approval or disapproval. If approved, the proposal is forwarded to the Provost for consideration. If the Academic Senate disapproves the proposal, the originator may request that the item be forwarded to the Full Faculty for consideration, utilizing the procedures set forth in the Senate Bylaws. The Academic Senate will provide written rationale to the originator when proposals are disapproved and the proposal is returned to the originator.

5. Approved proposals will be forwarded to the Provost. The Provost approves or disapproves the proposal. If approved, the proposal is then forwarded to the Chancellor. From this point forward, the Provost's Administrative Assistant will update the Proposal page on the website.

7. The Chancellor approves or disapproves the proposal.

8. The proposal will then either be implemented or referred to MSU for further action. The tracking page on the Provost site will be updated as required.

    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/senate/proposals.htm

    Documentation and forms for the curriculum process is also available on the web page: http://www.msun.edu/admin/provost/forms.htm

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

See back for tracking form
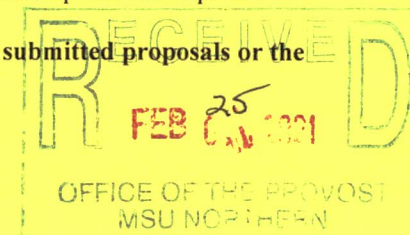
	Date	Action Taken	Signature	Date	Comments/Reason for Disapproval	Sent to	Date	Transmittal E-mail sent
*Abstract received by Senate Secretary		Copy to Senate President. Forward to Provost.						
*Provost		☐ Abstract Approved ☐ Disapproved						
Received by Senate Secretary	1/15/2021	tracking	JBradley		forwarded Gen Osborn	C		inner office & email
General Education Committee (if applicable)	1/28/21	approved	C.Ogburn		Curr. J. forward to Comm Todd	C		inner office & email
Curriculum Committee (if applicable)	2/11/2021	☑ Approved ☐ Disapproved	Jay D		Ac. C. forward to Sen. Redschroder			inner office & email
Academic Senate	2/16/21	☒ Approved ☐ Disapproved	Carol A Rafalrad		Provost C. forward to office Bond		2/24/21	inner office & email
Full Faculty (if necessary)		☐ Approved ☐ Disapproved						
Provost		☑ Approved ☐ Disapproved	ful	3/26/21	moved to AA		3/1/21 3/1.2021	Chancellor office
Chancellor		☒ Approved ☐ Disapproved	Gregory O'Keefe				3/3/21	
MSU		☐ Approved ☐ Disapproved						
BOR		☐ Approved ☐ Disapproved						
NWCCU		☐ Approved ☐ Disapproved						
Provost		Advise originating college and Academic Senate of status. Update Web page.						
Registrar		Catalog/Policy Manual Update						

NOTE: The secretary of the Academic Senate will update the Academic Senate Proposal web page from initial receipt until the proposal reaches the Provost. The Provost's Administrative Assistant will ensure that the current status of each proposal is maintained on the Academic Senate Proposal web page from that point forward.   ***Abstract and pre-approval required for new programs ONLY.**

Academic Senate Form 1 (Revised 3/21/2012)

COURSE REVISION FORM

NEW_____ DROPPED_____ MAJOR REVISION __✓__ FOR INFORMATION ONLY __XX__

College__CASE_____ Program Area __Mathematics_____ Date__10/25/20__

Submitter_*Math Dept w/ College chair*__ Dean __*(signature)*__ Date _1-14-2020_
　Signature　　　　　　　　　　　　　　　　Signature (indicates "college" level approval)

Please provide a brief explanation & rationale for the proposed revision(s):
In order to better serve our students needs and enable course registration, we are splitting the College Algebra course from the LAB component. This will allow students to register as needed, as well as potentially switch courses more efficiently.

Please provide the following information:
College: CASE
Program Area: Mathematics
Date: 10/25/2020
Course Prefix & No.: M 105

Course Title: Contemporary Mathematics
Credits: 3

Required by:　　　　2 and 4 year programs, as well as some certificate programs

Selective in:
Elective in:
General Education:　　　　CAT II

Lecture:　　3
Lecture/Lab:
Gradable Lab:
Contact hours lecture:
Contact hours lab:

Current Catalog Description (include all prerequisites):
This course is designed to meet the general education mathematics requirement for the liberal arts major. It surveys some of the important ideas and practical applications in mathematics and uses a variety of mathematical skills and technology to solve real problems. Topics include problem solving, financial math, mathematical modeling (linear and quadratic), and elementary statistics.

Proposed or New Catalog Description (include all prerequisites):
This course is designed to meet the general education mathematics requirement ~~for the liberal arts major~~. It surveys some of the important ideas and practical applications in mathematics and uses a variety of mathematical skills and technology to solve real problems. Topics include problem solving, financial math, mathematical modeling (linear and quadratic), and elementary statistics. Students may be required to take M 105L concurrently in accordance with Board of Regents Policy 301.16 as explained in this catalog under General Education Course Placement.

Course Outcome Objectives:

- Attain some degree of mathematical literacy, including an ability to read mathematical material and write using mathematical notation correctly. To develop skills to think and reason mathematically in order to function more effectively in the modern world.
- Examine ways in which mathematics is used, to follow and understand logical arguments, and to solve applied quantitative problems. This includes learning to formulate a problem precisely, to interpret solutions, and to make critical judgments in the face of competing formulations and solutions.
- Understand elementary statistical concepts, such as data description, statistical estimation, randomization, and statistical inference.
- Explore and examine several other aspects of contemporary mathematics. This could include, but is not limited to, management science (e.g. graph models for network problems), social choice and decision making (e.g. elections, voting, fair division, Congress apportionment), or applied geometry (e.g. symmetry, tilings, growth rates).

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

Updated 09/29/05

CASE PROPOSAL TRACKING SHEET

(Document to be Originated by the CASE Admin. Associate)

1. Submit all proposals using the appropriate Academic Senate Program/Degree and/or course revision forms to the CASE Admin. Associate

2. The CASE Admin. Associate forwards them to the appropriate CASE Committee

Proposal Number: # 42	Name: M 105 Contemporary Mathematics

Received by the CASE Admin Associate Date: 10-27-2020 TABLED
11-24-2020

Forward to the CASE College Meeting Date: 11-24-2020 / Approved ✔ Not Approved _____

Valerie ___ 11/24/2020
Chair's Signature   Date

Return to CASE Admim Date: _____

Forward to the Professional Education Unit Date: _____ _NA_

Approved _____ Not Approved _____

P E U Signature   Date

Return to CASE Admin Date: 12-30-2020

Forward to the Dean of CASE Date: 1-14-2021   Approved _____ Not Approved _____

Dean's Signature   Date

Return to CASE Admin Date: 1-15-2021

Forward to Academic Senate Subcommittees Date: 1-15-2021

Updated 12-09-2019 DDB
Updated 10/03/2018 DDB
Updated 11/23/2020 DDB