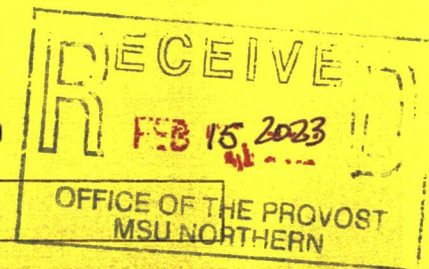


ACADEMIC SENATE PROPOSAL TRACKING SHEET
 (Document To Be Originated By the Academic Senate Secretary On Canary Color Paper)



Proposal # 22-13	Title: ARTZ 3XX; 3D Printing Application
(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		<input type="checkbox"/> Abstract Approved <input type="checkbox"/> Disapproved						
Received by Senate Secretary		Tracking	DocuSigned by: <i>Debra Bradley</i> 26568A1E6DE64DB...	10/5/2022	Forward	K Udayakuma		DocuSign
General Education Committee (if applicable)		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: <i>Kasthuri Udayakuma</i> 2A612...	10/12/2022	Forward	C. Donoven		DocuSign
Curriculum Committee (if applicable)		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: <i>Cory</i> EAEBE3679F54F8...	11/9/22	Tabled for correction			DocuSign
Academic Senate		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: <i>Valerie Guyard</i> B0A510024B1...	11/13/2023	Forward	Provost		DocuSign
Full Faculty (if necessary)	Provost	<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: <i>Carol A. Rapchneid</i> DE995B0729A143B...		forward	Chancellor		3-8-2023
Provost		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved						
Chancellor		<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved	DocuSigned by: <i>Gregory O. Kopf</i> 3-20-2023					
MSU		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	N/A					
BOR		<input type="checkbox"/> Approved <input type="checkbox"/> Disapproved	N/A					
NWCCU		<input type="checkbox"/> Approved <input type="checkbox"/> 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)



MONTANA STATE UNIVERSITY NORTHERN

Academic Senate Tracking Sheet Correction Form

Date: 10/25/22

Proposal: #22-13 : ARTZ 3XX; 3D Printing Application

Title:

Brief description of the correction to be made (if more space is needed use the back of the sheet):

Contact hours lecture: 2 (per week)

Contact hours lab: 2 (per week)

↑
Changed from 30 hours to 50 hours

Name of Person making the correction:

Casey Donovan / Mary Ward

Phone # (if more information is needed):

4135 (casey.donovan@msun.edu preferred)

Date returned back to the Senate Secretary:

COURSE REVISION FORMNEW x DROPPED _____ MAJOR REVISION _____ FOR INFORMATION ONLY _____College CASE Program Area Graphic Design Date 6/21/22Submitter: *Mary Ward* Dean *Beth Durovsky* Date 9/22/22
Signature Signature (indicates "college" level approval)/**Please provide a brief explanation & rationale for the proposed revision(s):**

This course offers the opportunity for students in the Graphic Design Program to learn a highly desirable skill that is both technical and creative. This course also offers the unique opportunity to create a collaboration between COTS and CASE. This course will ensure that the 3D printers are being utilized to their full potential so that MSU-Northern can continue to enjoy the benefits of having a 3D printing lab. The special topics 3D course that ran Spring of 2022 filled to capacity. This indicates students across the campus are interested in a 3D printing course.

Please provide the following information:

College: CASE**Program Area:** Graphic Design**Date:** 6/21/22**Course Prefix & No.:** ARTZ 3XX**Course Title:** 3D Printing Applications**Credits:** 3**Required by:****Selective in:** Graphic Design Program (Major)**Elective in:****General Education:****Lecture:** 2**Lecture/Lab:** 1**Gradable Lab:****Contact hours lecture:** 30**Contact hours lab:** 50**Current Catalog Description (include all prerequisites):**

N/A (does not exist at MSU-Northern)

Proposed or New Catalog Description (include all prerequisites):

This hands-on project-based course teaches students how to conceptualize, design and print 3D works using 3D printing technology. Skills, methods and software specific to 3D printing will be explored. Students take an artistic, yet technical, approach to 3D modeling. Critique will be held and students will make informed judgements on the aesthetic impact and intellectual value of their work.

Course Outcome Objectives:

- Learn the skills, methods and software necessary to design and print 3D works.
- Understand the advantages/disadvantages of 3D printing technologies.
- Understand 3D printing applications across various disciplines.
- Learn how to solve real world problems using 3D printing technology.
- Learn to incorporate elements of art and principles of design into 3D printed works.
- Understand how to offer and receive peer feedback and critique.

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

Access to the 3D printing facility will be necessary for this course. Coordination between CASE and COTS will be required when scheduling course times.

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: # 21	Title: ARTZ 3XX - New
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Received by the CASE Admin Associate Date: 9/14/2022

Forward to the Professional Education Unit Date: _____ Approved _____ Not Approved _____

N.A.

P.E. U. Signature Date

Return to CASE Admin Date: 9.14.2022

Forward to the Chair of CASE Date: 9/22/2022 Approved Not Approved _____

[Signature] _____
Chair Signature Date 9/22/2022

Return to CASE Admin Date: 9.22.2022

Forward to the Dean of CASE Date: 9-25-22 Approved Not Approved _____

Beth Wurdye _____
Dean's Signature Date 9-25-22

Return to CASE Admin Date: 9.26.2022

Forward to Academic Senate Subcommittees Date: 9.26.2022

Updated 12-09-2019 DDB
 Updated 10/03/2018 DDB
 Updated 11/23/2020 DDB
 Updated 04/15/2022 DDB