

ARTICULATION AGREEMENT
Between
MICHIGAN TECHNOLOGICAL UNIVERSITY
and
NORTHWESTERN MICHIGAN COLLEGE

This Articulation Agreement is between Northwestern Michigan College (hereafter referred to as "NMC") and Michigan Technological University (hereafter referred to as "Michigan Tech").

Michigan Tech and NMC agree to establish a transfer plan to assist NMC students with a completed **Associate in Applied Science Degree in Audio Technology** to transfer to complete a **Bachelor of Arts in Sound Design** degree from Michigan Tech. Michigan Tech and NMC will maintain the integrity of their separate programs and enter into this agreement as equal and cooperating institutions.

Therefore, it is agreed that:

1. Michigan Tech shall continue full responsibility for planning and executing the educational program, including programming, administration, curriculum design and content, faculty administration, and criteria for student achievement for the qualifying programs leading to the Bachelor of Arts degree. Michigan Tech shall have full accountability and responsibility to maintain the quality and appropriateness of the baccalaureate program of studies offered. NMC shall continue full responsibility for planning and executing of the courses as indicated in the Operational Plan (Attachment A) of this document including programming, administration, curriculum design and content, faculty administration, and criteria for student achievement.

Either Michigan Tech or NMC may change any aspect of their respective curriculum but no change will be made which will prevent any student at either institution who has taken courses in reliance on the published curriculum from enrolling at Michigan Tech due to the change in curriculum.

All students admitted to and enrolled at NMC pursuant to the curriculum proposed by this Agreement shall be solely NMC students, shall not be considered Michigan Tech students for any purpose and shall be entitled to all, and only those benefits and privileges granted by NMC to its students similarly enrolled, except in exclusive and mutually agreeable cases in which NMC and Michigan Tech collaborate to offer a supplementary course from MTU during the students' enrollment at NMC. All students admitted to and enrolled at Michigan Tech pursuant to the curriculum proposed by this Agreement shall no longer be considered NMC students for any purpose and shall be entitled to all, and only those benefits and privileges granted by Michigan Tech to its students similarly enrolled.

2. NMC shall allow potential Michigan Tech students to enroll, subject to standard admission procedures and criteria, for the first two years of courses required to fulfill the Bachelor of Arts degree requirements at Michigan Tech with full privileges of an NMC student while at NMC.

3. Students from NMC who complete the AAS-Audio Technology degree at NMC will be guaranteed admission to Michigan Tech, subject to meeting a minimum cumulative grade point average of 3.0 and all other standard admission criteria. They must also file an application with

the Michigan Technological University Admissions Office and indicate on the application that they have attended NMC and request participation in the articulation program. Students seeking admission to Michigan Tech and who have not completed the NMC AAS-Audio Technology degree pursuant to this agreement, must follow the standard Michigan Technological University application process and meet all other Michigan Tech standard admission criteria, including a minimum cumulative grade point average of 3.0, demonstrated proficiency in math and science, and submission of any required pre-entrance test scores.

4. NMC will collect and retain all tuition, fees and other applicable NMC charges from students during their enrollment at NMC in accord with standard NMC procedures. Michigan Tech will collect and retain all tuition, fees and other applicable Michigan Tech charges from students enrolled at Michigan Tech. NMC shall administer the financial aid program for the students enrolled pursuant to this Agreement for their years of the program with full privileges of NMC students. Michigan Tech shall administer the program for their students enrolled pursuant to this Agreement with full privileges of Michigan Tech students.

5. For National Student Loan Clearinghouse, Veterans Administration, Athletic Eligibility, and enrollment verification purposes, NMC will have processing responsibility during a student's first two years in the Program.

6. An official transfer evaluation of credits taken prior to enrolling at Michigan Tech will be completed by the Michigan Tech Transfer Services Office upon acceptance to Michigan Tech. Courses completed with a grade of "C" (2.0) or better at NMC will be eligible for credit transfer. Course grades for credits transferred are not factored into the grade point average for credits completed at MTU.

7. Michigan Tech and NMC will work cooperatively to maintain an Operational Plan (Attachment A) to facilitate and implement the terms for each qualifying program included in the Master Agreement. The Operational Plan includes degree mapping and credit requirements for fulfillment of the Bachelor of Arts degree. NMC and Michigan Tech agree to review the Operational Plans annually and notify each other in writing of any proposed changes and of any adopted changes promptly.

8. This Agreement applies only to NMC students seeking to enter Michigan Tech for the qualifying program for a Bachelor of Arts degree. Students are required to meet all prerequisites for Michigan Tech courses required in the Michigan Tech curriculum.

9. In collaboration with this Agreement, credits taken at Michigan Tech will transfer to NMC, in accordance with their relative coursework, to satisfy any qualifying degree or certificate requirements offered by NMC.

10. By signing this Agreement, NMC and Michigan Tech agree to enter into a relationship of continuous collaboration. Additional qualifying programs proposed for adoption in Attachment A may be included with an addendum to Attachment A with the written acceptance of both institutions and accompanied by its respective Operational Plan in Attachment B.

This document, recognized as the Master Agreement, represents a good faith agreement between NMC and Michigan Tech to offer qualifying programs in the best interest of students.

This Master Agreement is to be reviewed periodically or at the request of either participating institution but annually at a minimum. It shall be effective upon approval by both institution and shall remain in effect for five (5) years from the date of the last signature. It shall be subject to revision, modification or renewal by mutual written agreement.

This Master Agreement may be terminated by either NMC or Michigan Tech upon written notice to the other but in the event of any termination both institutions will permit those students who have pursued a course of study in reliance on the program provided by this Agreement to complete that course of study.

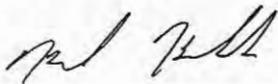
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This Agreement is between the NMC and Michigan Tech, is enforceable only by NMC and Michigan Tech, and is not intended to create nor shall it create any rights in or be enforceable by any third party, including any student of either institution.

MICHIGAN TECHNOLOGICAL
UNIVERSITY

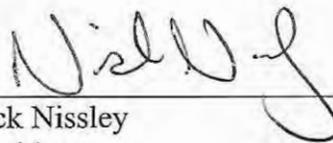


Richard J. Koubek
President

1/25/23

Date

NORTHWESTERN MICHIGAN
COLLEGE



Nick Nissley
President

1/25/23

Date

ATTACHMENT A

Operational Plans for Qualifying Programs

Sound Design

OPERATIONAL PLAN MICHIGAN TECHNOLOGICAL UNIVERSITY and NORTHWESTERN MICHIGAN COLLEGE

This Operational Plan is to provide degree mapping for the implementation of the Master Agreement between Northwestern Michigan College and Michigan Technological University (Michigan Tech) relating to a Bachelor of Arts degree in **SOUND DESIGN** and in all respects is subject to the Master Agreement.

[Link to degree requirements](#)

Students are encouraged to complete as much general education as they are able. Several suggestions follow but students should refer to the [Transfer Equivalency system](#) for the latest options.

General Education Courses Part of the NMC Audio Technology Degree Plan:

English Composition & Communication:

Complete both ENG 111 & ENG 112.

Number	Course Name	Cr	Number	Course Name	Cr
ENG 111	English Composition	4	UN 1015 HU 1XXX	Composition HASS Elective	3 1
ENG 112	English Composition	4	HU 1XX5	HASS Communication/Composition	4
BUS 231	Professional Communications	3	NA	This course will not transfer.	0

Total Required Degree Credits: 6

Free Elective Credits: 2

Social Sciences Group 1 course:

Choose 1 course. Many other courses will transfer for general education credit but taking the courses below will best cover prerequisites and make progress at Michigan Tech much easier.

Number	Course Name	Cr	Number	Course Name	Cr
GEO 109	World Reg. Geography	3	UN 1025	Global Issues	3
HUM 116	World Cultures	4	UN 1025 UN1XXX	Global Issues HASS Elective	3 1

Total Required Degree Credits: 3

Free Elective Credits: 0 to 1

Science:

Choose 1. This list is based on past course evaluation. More classes may count and students are encouraged to look-up courses they are interested in on the Michigan Tech [Transfer Equivalency system](#) for the latest approved transfers and compare that to Michigan Tech's current [General Education Requirements](#).

Number	Course Name	Cr	Number	Course Name	Cr
BIO 106	Human Biology	4	BL 1XXX	Approved Lab Sci-Biology	4
BIO 110	Essential Biology	4	BL 1XXX	Approved Science-Biology	4
BIO 116	Cell & Animal Biology	4	BL 1100	General Biology I	3
			BL 1110	General Biology I Lab	1
BIO 227	Human Anatomy & Physiology	4	BL 2010	Anatomy & Physiology I	3
			BL 2011	Anatomy & Physiology I Lab	1
CHM 101	Introductory Chemistry	4	CH 1000	Introductory Chemistry	3
			TRUXXXX	Unassigned Transfer	1
CHM 150	General Chemistry I	5	CH 1150	University Chemistry I	3
CHM 150R			CH 1151	University Chemistry I Lab	1
			CH 1153	University Chem Recitation I	1
ENV 104	Life of the Past	4	BLL 1XXX	Approved Lab Sci-Biology	4
ENV 111	Physical Geology	4	GE 2000	Understanding the Earth	3
			GE 1100	Geological Eng. and Sciences Orientation	1
AST109	Planetary Astronomy	4	PH 1600	Introductory Astronomy	2
OR	OR		PH 1610	Introductory Astronomy Lab	1
AST 119	Astronomy		PH 1XXX	Approved Science Physics	1

Total Required Degree Credits: 3 to 4

Free Elective Credits: 0 to 1

Audio Technology Course Transfer:

Major Courses

NMC

MTU

Number	Course Name	Cr	Number	Course Name	Cr
AUD 100	Intro to Audio Tech	2	SND 1570	Private Mixing Instruction	1
			SND 1XXX	Sound Elective	1
AUD 101	Theory for Sound Engineers	2	MUS 1100	Western Music Fundamentals	2/w1
AUD 110	Studio Recording I	2	SND 1XXE	Sound Elective	2
AUD 111	Studio Recording II	2	SND 2151	Recording Lab	1
			SND 1XXE	Sound Elective	1
AUD 120	Digital Audio I	2	SND 1XXE	Sound Elective Introduction	2
AUD 121	Digital Audio II	2	SND 1101	to Music Mixing	2/w1
AUD 130	Live Sound I	2	SND 1610	Sound Practicum I	1
			SND 1XXE	Sound Elective	1
AUD 131	Live Sound II	2	SND 1150	Sound Technology	2/w1
AUD 210	Studio Recording III	2	SND 2150	Recording	2/w1
AUD 220	Digital Audio III	2	SND 1102	Intro to Audio Production	2/w1
AUD 230	Live Sound III	2	SND 2610	Sound Practicum II	2
AUD 250	Audio Tech Practicum	2	SND 2610	Sound Practicum II	1
			SND 2XXE	Sound Elective	1
AUD 260	Audio Tech Internship	3	SND 2663	Career Development: Sound	2
			SND 2XXE	Sound Elective	1
AUD 270	Audio Tech Final Project	3	SND 3610	Sound Practicum III	1
			SND 2XXE	Sound Elective	2

NMC Credits: 30

Total Michigan Tech Required Degree Credits: 19

Michigan Tech Sound Elective Credits: 11

Music Course Transfer:

Music Courses NMC			MTU		
Number	Course Name	Cr	Number	Course Name	Cr
MUS 101 or MUS 100A	Theory of Music Intro to Music Theory I	3	MUS 2101	Western Music Theory I	3
MUS 103 or MUS 105A	Sight Singing & Ear Training Intro to Ear Training I	1	MUS 1XXE	Music Elective	1
MUS 104 or MUS 105B	Sight Singing & Ear Training Intro to Ear Training II	1	MUS 1XXE	Music Elective	1
MUS 102 or MUS 100B	Theory of Music Intro to Music Theory II	3	MUS 2102	Western Music Theory II	3
MUS 106	Class Piano	2	MUS 1570 MUS 1XXE	Private Music Instruction Music Elective	.5 1.5
MUS 107	Class Piano II	2	MUS 1570 MUS 1XXE	Private Music Instruction Music Elective	.5 1.5
MUS 112	Class Guitar	2	MUS 1570 MUS 1XXE	Private Music Instruction Music Elective	.5 1.5
MUS 110	Music Appr. Stand Lit,	3	MUS 1000	Music Appreciation	3
MUS 111	Music Appr. Jazz	3	MUS 2030	History of Jazz	3
MUS 129	History of Rock & Roll	3	MUS 2020	History of Rock	3

NMC Credits: 23

Total Michigan Tech Required Degree Credits: 16.5

Michigan Tech Free Elective Credits: 6.5

Recommend Courses not part of the Audio Technology Degree:

Math NMC			MTU		
Number	Course Name	Cr	Number	Course Name	Cr
MTH 121	College Algebra	4	MA 1030 MA 1XXX	College Algebra I STEM Math Elective	3 1
MTH 122	Trigonometry	3	MA 1031	College Algebra w/Trig	3

Additional General Education Courses:

NMC			MTU		
Number	Course Name	Cr	Number	Course Name	Cr
One course from the following list of Social Responsibility and Ethical Reasoning (Core) courses					
ANT 113	Intro. to Cultural Anthropology	3	SS 2100	Intro. to Cultural Anthropology	3
ECO 201	Principles of Macroeconomics	3	EC 2001	Principles of Economics	3
GEO 101	Intro. to Geography	3	SS 2400	Intro. to Human Geography	3
HST 101	Western Civilization up to 1580	4	SS 2502 SS 1XXX	European History to 1650 HASS Elective	3 1
PSY 101	Introduction to Psychology	3	PSY 2000	Introduction to Psychology	3

Courses at MTU: Model plan for final 4 semesters (subject to change).

5 th Semester			6 th Semester		
MUS	Music History Course of Choice	3	SND 2120	Sound Systems Design & Engineering	3
THEA 3650	Portfolio Development	1	MUS 4100	Conducting and Interpretation (or MUS 3130 or MUS 3200)	3
SND 3330	Sound Design	3	MA 1032	College Algebra and Trig	4
THEA 1110	Backstage Technology	3	THEA 2310	Drafting for The Entertainment Industry	3
	Literature/History Elective	3		Literature/History Elective	3
THEA 2610	Backstage Practicum	1	SND 3620	Audio Creative Lab	1
	Co-curricular	1			
SND 3610	Sound Practicum III	1			
Total 16			Total 17		

7 th Semester			8 th Semester		
SND 4620	Live Sound Design Intensive	3	PH 1090	The Physics Behind Music	3
SND 4120	Transducer Theory	3	PH 1091	The Physics Behind Music Lab	1
SND 4121	Transducer Theory Lab	1		Literature Elective	3
SND 3663	Professional Presentation: AES	1	SND 4610	Sound Practicum IV	2
THEA 3663	Professional Presentation: KCACTF	1	SND 3620	Audio Creative Lab	1
THEA 2000	Dramatic Literature	1	THEA 2000	Dramatic Literature	1
	Critical & Creative Thinking	3	THEA 2610	Backstage Practicum	1
	Upper Division HUFA	3		Upper Division HASS	3
	Co-curricular	1		Co-curricular	1
Total 17			Total 16		

MTU 126 credits.

Program Total: 120 Credits

Additional NMC courses may satisfy MTU Gen. Ed. requirements and Michigan Transfer Agreement. See an advisor for Gen. Ed. courses and applicable MTA requirements. Once all MTA requirements are met, the student will receive an Associate Degree from Northwestern Michigan College. Any course not completed at NMC will require completion at MTU, including all prerequisite courses. All program specific courses require a minimum 2.0 (C) grade for transfer. Students may require additional courses necessary to meet the minimum prerequisites. NMC and MTU course offerings and / or delivery methods are subject to change. Students are required to meet with an academic advisor during each semester to maintain continuity with program requirements. Up to 60 NMC credits transfer to MTU.

This Operational Plan is reviewed and renewed annually unless a review is requested by administrative staff of either institution in the interim.

**MICHIGAN TECHNOLOGICAL
UNIVERSITY**



Jared Anderson
Chair, Visual and Performing Arts

January, 24, 2023

Date

NORTHWESTERN MICHIGAN COLLEGE



Jeffrey Cobb
Director of Music Programs

January 24, 2023

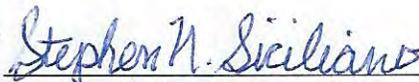
Date



David Hemmer
Dean, College of Sciences and Arts

January 26, 2023

Date



Stephen N. Siciliano
Vice President for Educational Services

January 25, 2023

Date