

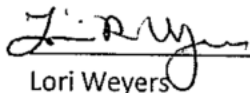
ARTICULATION AGREEMENT
Between
Northcentral Technical College
Associate Degree in Radiography
And
Northern Michigan University
College of Professional Studies
Bachelor's Degree in Clinical Health Science

We the representatives of Northcentral Technical College and Northern Michigan University agree to the terms of this agreement, which will be for three (3) years.

Signatures

Northcentral Technical College

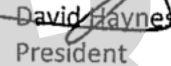
Northern Michigan University



Lori Weyers
President

6-17-13

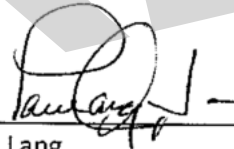
Date



David Haynes
President

7.11.13

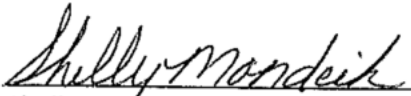
Date



Paul Lang
Provost and Vice President for
Academic Affairs

7/9/13

Date



Shelly Mondeik
Vice President of Learning

6/11/13

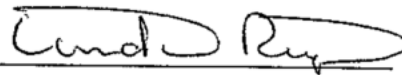
Date



Harvey Wallace
Interim Dean of College of
Professional Studies

6/27/13

Date



Linda Riipi
Department Head, Clinical Science

6/25/13

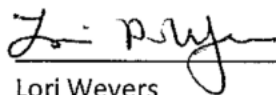
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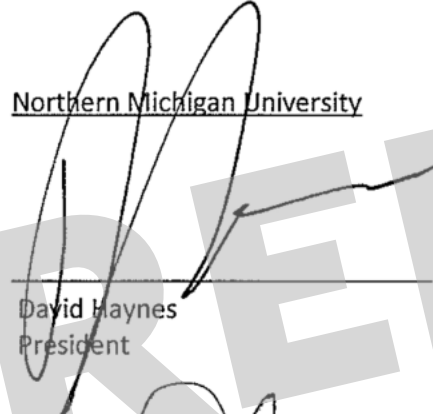


Lori Weyers
President

6-17-13

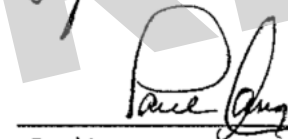
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Northern Michigan University



David Haynes
President

Date



Paul Lang
Provost and Vice President for
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7/9/13

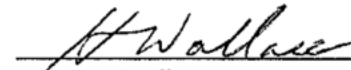
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Shelly Mondeik
Vice President of Learning

6/14/13

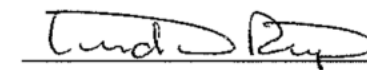
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Harvey Wallace
Interim Dean of College of
Professional Studies

6/27/13

Date



Linda Riipi
Department Head, Clinical Science

6/28/13

Date

ARTICULATION

AGREEMENT

Between

Northcentral Technical College

Associate Degree in Radiography

And

Northern Michigan University

College of Professional Studies

Bachelor's Degree in Clinical Health Science

August 2010

ARTICULATION AGREEMENT

Between **Northcentral Technical College** Associate Degree in Radiography And
Northern Michigan University College of Professional Studies
Bachelor's Degree in Clinical Health Science

Article I Agreement on Principle

Northern Michigan University and Northcentral Technical College agree that students, who choose to transfer from a community college to a senior college or university to earn a bachelor's degree, should be provided with a smooth curriculum transition that minimizes loss of credit and duplication of coursework. Therefore, Northern Michigan University and Northcentral Technical College agree to enter into this curriculum articulation agreement for students who complete the Associate Degree in Radiography at Northcentral Technical College and transfer to NMU to complete the Bachelor's Degree in Clinical Health Science. Both institutions enter into this agreement as cooperating, equal partners who shall maintain the integrity of their separate programs.

Article II Agreement on Program Specifics

Northern Michigan University and Northcentral Technical College agree that any student who has successfully completed the minimum requirements outlined on the attached articulation guide may transfer the course credits indicated toward the Bachelor's Degree in Clinical Health Science at Northern Michigan University. Students who follow this articulated program agreement must apply and be admitted to Northern Michigan University. Northcentral Technical College students will receive equal consideration with other students seeking admission and financial aid. The bachelor's degree graduation requirements for students who follow this articulation program agreement are listed on the attached articulation guide.

Article III Agreement on Communication

Northern Michigan University and Northcentral Technical College agree to cooperate in communication with each other and with their common and respective publics concerning the established relationship between the two institutions. Communication may include the development of various kinds of publications to inform those who might benefit personally or professionally from the opportunities provided by this agreement. Faculty and staff at both institutions will share the information in this agreement with interested and qualified students and both institutions will provide counseling and advising to students and prospective students.

Article IV Agreement on Maintenance and Review Procedures

At least one administrative member from each institution will be appointed to act as agents for the implementation of this agreement, to speak for the institutions and to communicate changes to respective faculty members, advisors, counselors, and others to whom the information is pertinent. Responsibility for oversight of this agreement rests with the Director of Transfer & Placement at Northcentral Technical College and the Associate Provost for Academic Affairs at Northern Michigan University.

Both parties agree to communicate annually any changes in their respective programs that may affect this articulation agreement. During the third year, both parties will review the agreement for revision and possible renewal. If the agreement is not renewed at the end of the effective agreement, Northcentral Technical College students who started the articulated program prior to termination of the agreement, will be given three additional years to be admitted to NMU under terms of this agreement.

This agreement is in effect from 1 August 2010 until 1 August 2013. *Note: Students, who began the Associate Degree Radiography program at Northcentral Technical College prior to the effective date of this agreement, may use the agreement to the extent that the program requirements followed are consistent with this agreement.*

ARTICULATION AGREEMENT

Between
Northcentral Technical College
 Associate Degree in Radiography
 And
Northern Michigan University
 College of Professional Studies
 Bachelor's Degree in Clinical Health Science

Effective Date of this Articulation Agreement: 1 August 2010 until 1 August 2013

Introduction:

The purpose of this articulation agreement is to provide a smooth transition for students who want to earn an associate degree in Radiography at Northcentral Technical College prior to a transfer to Northern Michigan University to complete a Bachelor's degree in Clinical Health Science. As displayed in this document, the first and second years of coursework are completed at Northcentral Technical College and third and fourth years at NMU.

This major provides students with the necessary bachelor's degree needed for professional advancement. Graduates may find positions in professional practice, management and education.

Effective Dates:

The effective dates of this agreement are 1 August 2010 to 1 August 2013. If this agreement is not renewed at the end of the effective period, students who have already started this articulated program at NTC will be given three additional years to be admitted to NMU under the terms of this agreement. Students, who began the program prior to the effective date, may use the agreement to the extent that the requirements completed are consistent with this agreement.

First and Second Years at NTC:

The first and second years of NMU's Clinical Health Science degree are NTC's Associate Degree in Radiography. All 64 credits earned for the Associate degree can be transferred to NMU. Unless otherwise designated, a grade of C- or higher is required for transfer to NMU. The following section displays NTC's Radiography Associate degree with restricted selections to meet requirements within NMU's Program:

General Education Courses

NTC			Northern Michigan University		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
10-801-195	Written Communication	3	EN 111	College Composition I	3
10-806-177	General Anatomy & Physiology	4	61104	Human Anatomy and Physiology	4
10-808-196	Oral/Interpersonal Communications OR Speech	3	SP 110	Interpersonal Communication	3
10-801-198			SP 100	Public Address	
10-804-107	College Mathematics	3	GEN 1009	General Elective Credit	3
10-809-198	Intro to Psychology	3	PY 100G	Psychology as a Social Science	3
10-809-196	Introduction to Sociology	3	SO 101	Introductory Sociology	3
10-809-195	Economics	3	EC 101	The American Economy	3
Total general education credits earned:		22			
Total transferable general education credits:		22	Total general education credits accepted:		22

Occupational Courses

NTC			Northern Michigan University		
Course No.	Course Title	Credits	Course No.	Course Title	Credits
	1 to 1	5		Clinical Specialty in Radiography	32
10-526-159	hy	3		Additional Radiography courses	10
10-526-168		3			
10-526-191	2	5			
	1 2	3			
	1 13	3			
10-526-18	Im•gli"ng,	3			
10-526-197	Clini 14 1	3			
	ARRT	3			
	1 Clinical5	2			
	1 and Biol0<1v	3			
	1 Clinical6	2			
	Total course credits	48	Total course credits'		42
	• credits	0	• credits'		
	Total credits:	70			
	Total	64	Total Credits at NMU		64

Third and Fourth Years at NMU:

The third and fourth years of NMU's Clinical Health Science degree is comprised of 63 credits. To qualify for a bachelor's degree at NMU, students must meet all graduation requirements, which include the courses listed below at NMU:

Courses Needed to Complete Degree at NMU

Course No.	Course Title	Credits	NMU Degree Requirements
EN 211	College Composition II	4	Liberal Studies
	Humanities Electives	8	Liberal Studies
	Visual and Performing Arts Elective	4	Liberal Studies
HP200	Physical Well BeinQ	1	Liberal Studies
HP	HP Activity	1	Liberal Studies
MA 103,104 or 111	Finite Math or ColleQe A!Qebra	4	Other Required Course
MA 171	Probability and Statistics	4	Required Course in Major
81202	Human PhvsioloQY	5	Other Required Course
OIS 171	Medical Terminology	4	Other Required Course
CIS, CS, or IS	Elective	2 or 4	Other Required Course
CH	Chemistry Elective 105 or Higher	4	Other Required Course
MGT240	Organizational Behavior and ManaQement	4	Required Course in Major
CLS 313	Intr) to Clinical Research (online)	1	Required Course in Major
CLS 410	Intra to Clinical ManaQement (online)	1	Required Course in Major
CLS420	Clinical Educational Practices (online)	1	Required Course in Major
	General Electives	13-15	Other Required Course
Total credits needed at NMU to complete degree:		63	

Additional courses with online options include EN 211, Humanities and VPA electives, HP 200, MA 103, MA 171, MGT 240.

Suggested Course Sequence:

Third Year at NMU		Fourth Year at NMU	
Fall Semester		Fall Semester	
EN 211, College Composition II	4 cr.	MA 171, Probability and Statistics	4 cr.
CH 105, Chemical Principles (or higher)	4 cr.	CLS 410, Clinical Management (online)	1 cr.
CIS, CS, IS Elective	2-4 cr.	CLS 420, Clinical Educational Practices (online)	1 cr.
MA 103, Finite Mathematics OR		Humanities Elective	4 cr.
MA 104, Colt Algebra/App In Sci & Tech	<u>4 cr.</u>	HP 200, Physical Well Being	1 cr.
Semester Total:	14-16 cr.	Electives	<u>5 cr.</u>
		Semester Total:	16 cr.
Winter Semester		Winter Semester	
BI 202, Human Physiology	5 cr.	CLS 313, Introduction to Clinical Research (online)	1 cr.
OIS 171, Medical Terminology	4 cr.	Humanities Elective	4 cr.
MGT 240, Organizational Behavior & Mgt	4 cr.	VPA Elective	4 cr.
HP Activity	1 cr.	Electives	<u>6-8 cr.</u>
Electives	<u>2 cr.</u>	Semester Total:	15-17 cr.
Semester Total:	16 cr.		

Additional Graduation Requirements:

1. A "C-" grade or higher is required for all courses within major;
2. A total of 127 credit hours are required for a BS in Clinical Health Science;
3. The Liberal Studies Program completed by the student must fulfill the 300-level requirement and World Cultures requirement;
4. Complete the Health Promotion requirement, which includes HP 200 and an HP activity course.
5. Online course options include EN 211, MA 103, MA 171, CIS 110, MGT 240, HP 200, Humanities and VPA electives.

Notes to Students:

1. Complete the articulated program as indicated in this articulation guide. Any course substitutions should only be made with the guidance of an advisor or counselor to assure that all requirements are met;
2. Students are encouraged to meet with the Clinical Sciences Department Head at NMU early, before completing an admission application to NMU;
3. A copy of the articulation agreement should be brought to all advising sessions. Copies of this agreement are available at: <http://webb.lhwi.jdu.edu/DcpurlnrcnL/ClinicCJII%20c%20Sciencs/>.

Based on NMU's 2009-2010 University Bulletin

For further information regarding the selection and transfer courses, contact one of NMU's Transfer Admissions Counselors, at 1-800-682-9797 or ljst@jdu.edu.

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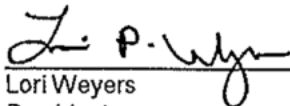
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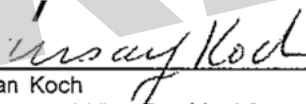
Northcentral Technical College

Northern Michigan University

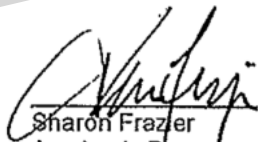

Lori Weyers
President

8-17-10
Date



8-9-10
Date


Susan Koch
Provost and Vice President for
Academic Affairs

8-6-10
Date


Sharon Frazier
Academic Dean

5-1-10
Date


Paullang
Dean of College of Professional
Studies

Date

Linda Riipi
Linda Riipi
Department Head, Clinical Sciences

12-12-10
Date