Articulation Agreement between Northern Wyoming Community College District and Montana Tech

OVERVIEW

This formal program articulation agreement is made and entered into by Northern Wyoming Community College District (NWCCD) and Montana Tech. By this agreement NWCCD and Montana Tech express a shared commitment to increasing opportunities for student access to and success in higher education.

TERMS of AGREEMENT

This agreement provides students who have completed the courses indicated at NWCCD with the opportunity to complete a Bachelor of Science degree in Mining Engineering at Montana Tech. Any NWCCD student who has earned the credits in the coursework indicated with a minimum GPA of 2.0 is guaranteed that Montana Tech will accept the designated major related credits toward the Bachelor of Science degree in Mining Engineering.

A maximum of 60 credit hours will be accepted by Montana Tech from NWCCD to be applied to the Bachelor of Science degree in Mining Engineering at Montana Tech.

This agreement is made and entered into in the academic year 2014-2015 and remains in force unless changed in writing by mutual agreement to both parties. The agreement may be amended at any time with the approval of both parties and is subject to annual review to assure currency with the respective degree requirements. Should either party desire to discontinue this agreement, advance notification of six months will be required.

SIGNATURES

Northern Wyoming Community College District and Montana Tech hereby enter into this program articulation agreement leading to the attainment of a Bachelor of Science degree in Mining Engineering from Montana Tech by affixing of signature of the chief academic officers of both institutions.

Douglas M. Abbott

Dr. Doug Abbott
Provost
Montana Tech

Richard Hall 11/9/14

Richard Hall, Ph.D. Date
Vice President Academic Affairs
Northern Wyoming Community College

Scott O'Rosenthal

Scott Rosenthal
Department Head, Mining Engineering
Montana Tech

Paul R Young 11/6/14

Dr. Paul Young Date
President
Northern Wyoming Community College

Northern Wyoming Community College District
Mining Engineering
Transfer Agreement

MONTANA TECH COURSE				TRANSFER COURSE	
FRESHMAN YEAR					
CHMY	141	College Chemistry	3	CHEM 1020	4.00
CHMY	142	College Chemistry Lab	1	CHEM 1020	
MIN	105	Intro to Mining	2	MINE 1500	3.00
M	171	Calculus I	3	MATH 2200	4.00
EGEN	101	Intro to Eng. Calcs. & Problems	3	ES 1060	3.00
GEO	101	Intro to Physical Geology	3	GEOL 1100	4.00
CHMY	143	College Chemistry II	3	CHEM 1030	4.00*And credit for CHMY 144
WRIT	121	Intro to Technical Writing	3	ENGL 2010	3.00
M	172	Calculus II	3	MATH 2205	4.00
MIN	111	Miner Safety Training	2		
MIN	152	Mapping Surface Modeling & Vol.	3		
PHSX	234	General Physics - Mechanics	3	PHYS 1310	4.00
SOPHOMORE YEAR					
EGEN	201	Engineering Mechanics - Statics	3		
M	273	Calculus III	4	MATH 2210	4.00
MIN	210	Plane Surveying	3	ENTK 1010	3.00
MIN	215	Mining Methods	3		
PHSX	235	Gen. Phys – H, S, & O	3	PHYS 1320	4.00* And credit for PHSX 238
PHSX	236	Physics Laboratory	1	PHYS 1310	
ECNS	203	Principles of Economics	3		
EGEM	202	Engineering Mechanics - Dynamics	3		
GEO	204	Mineralogy & Petrology	3		
M	274	Differential Equations	3	MATH 2310	3.00
MIN	206	Mine Surveying	1		
PHSX	237	General Physics – E, M & W	3		
JUNIOR YEAR					
EELE	201	Circuits I for Engrs	3		
EGEN	305	Mechanics of Materials	3		
EGEN	306	Mechanics of Materials Lab	1		
MIN		Mining or Tech Elective	3	MINE 1725	3.00
EGEN	335	Fluid Mechanics	3		
WRIT	321W	Advanced Tech Writing	3		
STAT	332	Stats for Scientists & Engineers	3		
MIN	305	Unit Mining Operations	4		
EGEN	325	Eng. Economic Analysis.	3		
MIN	467	Geomechanics I	3		
MIN	310	Computer Aided Mine Design	2		
EMET	234	Particulate Processing Lab I	1		
EMET	232	Processing of Particulate Syst	2		
SENIOR YEAR					
EGEN	324	Applied Thermodynamics	3		
MIN	401	Mine Design-Surface	3		
MIN	458	Mine Management	3		

M.EC	4000	Econ of Mineral Industry	3		
HUMN	xxxx	Humanities Elective	3		
MIN		Mining or Tech Elective	3	MINE 1775	3.00
MIN	456	Mine Ventilation	3		
MIN	499	Mine Design Project	3		
MIN	408	Valuation of Mineral Properties	3		
HUMN	xxxx	Humanities Electives	3		
	xxxx	Social Science Elective	3		
EGEN	488	Fundamentals of Engr Exam	1		
MIN	444	Environ. Management & Design	3		

Minimum credits for B.S. degree in Mining Engineering 136

Total credit toward degree.....47.00
Free Electives and additional credits 6.00

COPY

1300 West Park Street
Butte, MT 59701
October 24, 2014

Dr. Richard Hall
Vice President of Academic Affairs
Northern Wyoming Community College District
Sheridan College Main Campus
3059 Coffeen Avenue
Sheridan, WY 82801

Dr. Hall:

Attached is the Mining Engineering Transfer Agreement between Montana Tech and the Northern Wyoming College District. We have addressed your comments dated September 5, 2014. Please sign and return the attached agreement. The agreement will be considered to be in effect upon the date of the signatures by officials of the Northern Wyoming College District. If you have any questions or comments on the agreement please contact me at (406) 496-4620 or at pconrad@mtech.edu.

Sincerely,

Paul W. Conrad

Paul W. Conrad, PhD, PE
Professor of Mining Engineering

Attch
Cc: Rob Livingston