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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, PhD, PE
Professor of Mining Engineering

Attch

Cc: Rob Livingston

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 Engineering136

Total credit toward degree.....47.00
Free Electives and additional credits6.00

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.

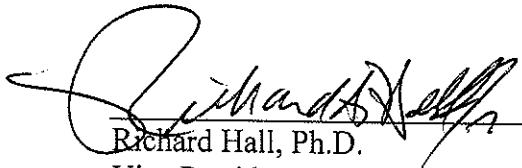
This agreement is made and entered into in the academic year 2014-2015 and remains in force unless changed in writing by mutual agreement to both parties. The agreement may be amended at any time with the approval of both parties and is subject to annual review to assure currency with the respective 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.



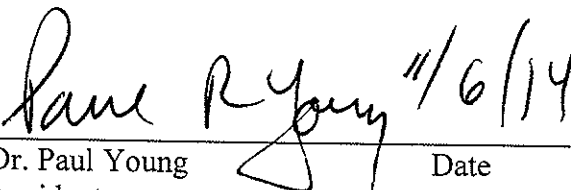
Dr. Doug Abbott
Provost
Montana Tech

 11/9/14

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



Scott Rosenthal
Department Head, Mining Engineering
Montana Tech

 11/6/14

Dr. Paul Young Date
President
Northern Wyoming Community College