MOENLAND

SUMMARYSUMMER 2010 - SPRING 2011



MONTANA TECH CAREER SERVICES

INTRODUCTION

This annual survey is conducted for the purpose of presenting information reported to Career Services by students who have accepted degree-related work experiences. The data should be viewed only as an informational resource since the responses to requests for information are voluntary and do not reflect information for all students in degree-related work experiences.

This summary is also completed as part of our continued effort to increase and expand our institutional effectiveness.

Degree-Related work experience can be defined as one of the following:

Experiential Learning: Experiential learning refers to a work experience where furthering their degree-

related knowledge and clarifying career goals are the student's primary

objectives.

Co-op: Abbreviation for Cooperative Education. A co-op is experiential learning where

the student commits full-time to degree-related employment during a regular

academic semester in place of attending classes.

Internship: An internship is experiential learning taken in conjunction with academic credit.

Job Shadow: While job shadowing a student will observe and shadow an employer during

their day-to-day activities without extensive hands-on participation.

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This survey and archives of previous surveys are available online at:

www.mtech.edu/career/surveys

Special Notes: Some students have reported more than one experience during the reported

time so the actual number of reported experiences may be higher than the

number of participating students.

Salary computations do not include volunteer experiences or job shadowing

opportunities.

Specific information on each of the different colleges can be found online at

www.mtech.edu/academics.

Insufficient Data (I/D): To keep salary information confidential, I/D is listed when less than three

salaries are reported.



Summary of Summer 2010 through Spring 2011 Experiential Learning

Published: March 2012

HIGHLIGHTS

TOTAL NUMBER OF PARTICIPATING STUDENTS		College of Technology Freshmen
		Sophomores
	41%	Juniors
	29%	Seniors
279	6%	Graduates and Post-Bacc
	0%	Unknown

TOTAL NUMBER
OF
PARTICIPATING
EMPLOYERS

151

HOURLY SALARY INFORMATION	<u>High</u>	Low	<u>Average</u>		
College of Letters, Sciences, and Professional Studies	\$ 25.00	\$ 7.25	\$ 11.55		
School of Mines & Engineering	\$ 43.40	\$ 8.00	\$ 19.80		
College of Technology	\$ I/D	\$ I/D	\$ I/D		
Graduate School	\$ 21.35	\$ 10.00	\$ 14.53		

GEOGRAPHIC AREA	In-State	Out-of-State
OVERALL	53%	47%
College of Letters, Sciences, and Professional Studies	91%	9%
School of Mines & Engineering	35%	65%
College of Technology	100%	0%
Graduate School	67%	33%

SUMMARY BY SCHOOL AND DEGREE AREA

	#							#
	Reported		High		Low	Α	verage	Salaries
College of Letters, Sciences, and Profes	sional Stu	die	s					
Biological Sciences	1	\$	I/D	\$	I/D	\$	I/D	1
Biology	3	\$	I/D	\$	I/D	\$	I/D	1
Business	1	\$	I/D	\$	I/D	\$	I/D	0
Business & Information Technology	27	\$	21.35	\$	7.25	\$	12.27	16
- Accounting Option	3	\$	I/D	\$	I/D	\$	I/D	1
- Business Information Systems Option	2	\$	I/D	\$	I/D	\$	I/D	1
- Business Option	12	\$	21.35	\$	7.25	\$	12.65	10
- Management Option	10	\$	15.00	\$	8.50	\$	12.63	4
Chemistry	5	\$	10.00	\$	9.00	\$	9.50	5
Health Care Informatics	12	\$	12.00	\$	7.35	\$	10.05	7
Liberal Studies	6	\$	I/D	\$	I/D	\$	I/D	0
Network Technology	17	\$	25.00	\$	7.70	\$	12.94	9
Professional & Technical Communication	7	\$	15.00	\$	8.00	\$	10.50	3
Technical Communication	2	\$	I/D	\$	I/D	\$	I/D	1
	81	\$	25.00	\$	7.25	\$	11.55	43
School of Mines & Engineering								
	40	•	05.00	•	40.00	•	47.00	•
Electrical Engineering	10	\$	25.00	\$	10.00	\$	17.90	8
Environmental Engineering	18	\$	23.08	\$	9.00	\$	17.81	15
General Engineering	46	\$	22.00	\$	8.00	\$	14.59	38
- Civil Engineering Option	21	\$	18.50	\$	8.00	\$	13.64	17
- General Option	4	\$	19.90	\$	11.00	\$	14.99	4
- Mechanical Engineering Option	18	\$	22.00	\$	9.00	\$	16.04	15
- Welding Engineering Option	3	\$	I/D	\$	I/D	\$	I/D	2
Geological Engineering	5	\$	21.35	\$	10.00	\$	17.85	5
Geophysical Engineering	2	\$	I/D	\$	I/D	\$	I/D	2
Metallurgical Engineering	4	\$	20.00	\$	14.20	\$	17.73	3
Mining Engineering	16	\$	25.00	\$	11.25	\$	18.65	10
Occupational Safety & Health	34	\$	25.00	\$	8.00	\$	15.45	26
- Applied Health Option	9	\$	25.00	\$	8.00	\$	15.76	5
- OSH Option Petroleum Engineering	25	\$ \$	21.00 43.40	\$	8.32	\$	15.37	21
Petroleum Engineering	61 196	Φ \$	43.40	\$ \$	12.00 8.00	\$ \$	29.87 19.80	36 143
College of Technology								
Accounting Technology	6	\$	I/D	\$	I/D	\$	I/D	0
Civil Engineering Technology	2	\$	I/D	\$	I/D	\$	I/D	2
Medical Assistant	1	\$	I/D	\$	I/D	\$	I/D	0
	9	\$	I/D	\$	I/D	\$	I/D	2
Graduate School								
Electrical Engineering	1	\$	I/D	\$	I/D	\$	I/D	1
Geoscience	2	\$	I/D	\$	I/D	\$	I/D	2
- Geochemistry Option	1	\$	I/D	\$	I/D	\$	I/D	1
- Geology Option	1	\$	I/D	\$	I/D	\$	I/D	1
Industrial Hygiene	1	\$	I/D	\$	I/D	\$	I/D	1
Interdisciplinary	1	\$	I/D	\$	I/D	\$	I/D	0
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	#							#
F	Reported	Н	ligh	I	Low	Av	erage	Salaries
	1	\$	I/D	\$	I/D	\$	I/D	1

\$ 10.00

\$ 14.53

\$ 21.35

6

Metallurgical/Mineral Processing Engineering

151 - NUMBER OF PARTICIPATING EMPLOYERS

279 - TOTAL NUMBER OF PARTICIPATING STUDENTS

- **3%** College of Technology
- 3% Freshmen
- 17% Sophomores
- 41% Juniors
- 29% Seniors
- 6% Graduates and Post-Baccalaureates
- **0**% Unknown

358 - NUMBER OF INTERNSHIP CREDITS GENERATED

123 - NUMBER OF STUDENTS TAKING INTERNSHIP CREDIT

20 - NUMBER OF CO-OP EXPERIENCES

AVERAGE HOURLY WAGE

OVERALL	\$ 17.74
College of Letters, Sciences, and Professional Studies	\$ 11.55
School of Mines & Engineering	\$ 19.80
College of Technology	\$ I/D
Graduate School	\$ 14.53

Accounting Technology

6 Reported

(6 Volunteer Experiences) High - I/D Low - I/D Average - I/D

MONTANA (6)

Butte (6) Americorps Vista

Butte Family YMCA

Montana Credit Unions for Community Development-VITA Program (4)

Biological Sciences

1 Reported

High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Montana Tech - Biology Dept

Biology 3 Reported

(1 Volunteer Experience) High - I/D Low - I/D Average - I/D

MONTANA (3)

Anaconda (2) Jordan Contracting, Inc.

S&K Environmental Restoration

Deer Lodge (1) Clark Fork Coalition

Business 1 Reported

(1 Volunteer Experience) High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Mainstreet Uptown Butte

Business & Information Technology

27 Reported

Accounting Option

High - I/D Low - I/D Average - I/D

MONTANA (3)

Butte (3) Mark Rule and Co.

Office of the State Public Defender (2)

Business Information Systems Option

High - I/D Low - I/D Average - I/D

MONTANA (2)

Butte (2) Ingraham Environmental

Newland and Company

Business Option

High - \$21.35 Low - \$7.25 Average - \$12.65

MONTANA (10)

Anaconda (2) Anaconda-Deer Lodge County

Butte, Anaconda & Pacific Railway Co.

Butte (6) Anderson Zurmuehlen & Co. PC

Chesbro Group

Kmart

Montana Business Leadership Network Montana Tech - Office of Sponsored Programs NCAT-National Center for Appropriate Technology

Helena (1) Helena College of Technology

Kalispell (1) Health Information Exchange of Montana

COLORADO (1) Newmont Mining Corporation, Denver

NEVADA (1) Barrick Goldstrike Mines, Elko

Management Option

(1 Volunteer Experience) High - \$15.00 Low - \$8.50 Average - \$12.63

MONTANA (9)

Billings (1) Northwestern Mutual Financial Network

Butte (7) College Pro Painters

Graduate Jobs

Marquis Vintage Suites Montana Tech - Athletic Dept

NCAT-National Center for Appropriate Technology

NorthWestern Energy Poore, Roth & Robinson

Helena (1) Montana Department of Transportation (MDT)

TEXAS (1) Tesoro Corporation, San Antonio

Chemistry 5 Reported

High - \$10.00 Low - \$9.00 Average - \$9.50

MONTANA (5)

Butte (5) Montana Resources, LLP (MRI) (2)

Montana Tech - Chemistry Dept Montana Tech - Technical Outreach

MSE Technology Applications, Inc. (MSE-TA)

Civil Engineering Technology

2 Reported

High - I/D Low - I/D Average - I/D

MONTANA (2)

Billings (1) Montana Department of Transportation (MDT)

Butte (1) Pioneer Technical Services, Inc.

Electrical Engineering

11 Reported

High - \$25.00 Low - \$10.00 Average - \$17.13

MONTANA (7)

Billings (1) Power Engineers

Butte (6) Idaho National Laboratory (INL)

Montana Resources, LLP (MRI) (2)

Montana Tech - Electrical Engineering Department (2)

PPL Montana, Inc.

UTAH (1) ATK Aerospace Systems, Brigham City
 WASHINGTON (1) Puget Sound Naval Shipyard, Bremerton
 WYOMING (2) Solvay Chemicals, Green River (2)

Environmental Engineering

18 Reported

High - \$23.08 Low - \$9.00 Average - \$17.81

MONTANA (6)

Butte (4) MERDI

Montana Department of Environmental Quality (DEQ)

Montana Resources, LLP (MRI)
Pioneer Technical Services, Inc.

Helena (2) CDM (Camp Dresser & McKee)

USDA Forest Service

IDAHO (2) Thompson Creek Mining Company, Clayton (2)

LOUISIANA (1) Chevron, Covington

MASSACHUSETTS (1) S&K Environmental Restoration, Opportunity

NEVADA (4) Barrick Goldstrike Mines, Elko (3)

Kinross: Round Mountain, Round Mountain

TEXAS (1) ConocoPhillips, Midland

WASHINGTON (1) Pacific Northwest Nat'l Lab (PNNL), Richland

WYOMING (2) Cloud Peak Energy, Gillette

Peabody Energy, Gillette

General Engineering

46 Reported

Civil Engineering Option

High - \$18.50 Low - \$8.00 Average - \$13.64

MONTANA (11)

Billings (3) Interstate Engineering

Montana Department of Transportation (MDT) (2)

Butte (4) Montana Resources, LLP (MRI) (2)

Montana Tech - Geology Dept. Pioneer Technical Services, Inc.

Colstrip (1) Westmoreland Coal Co.

Kalispell (1) Montana Department of Transportation (MDT)

Lewistown (1) Allied Steel

Missoula (1) Weld Tech Engineering

ALASKA (1) Granite Construction Company, Anchorage
IDAHO (1) Federal Highway Administration, Avco
NORTH DAKOTA (1) Kadrmas, Lee & Jackson, Inc, Bismarck
TEXAS (2) Baker Concrete Construction, Inc., San Antonio

Kiewit Construction, Keller

UTAH (1) Granite Construction Company, Salt Lake City

WASHINGTON (3) Centralia City Light, Centralia

Granite Construction Company, Everett
Meier Architecture-Engineering, Kennewick

WYOMING (1) Western Federal Lands Highway Division, Jackson

General Option

High - \$19.90	Low - \$11.00	Average - \$14.99	
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MONTANA (3)

Anaconda (1) Montana Department of Transportation (MDT)
Butte (2) Montana Department of Transportation (MDT)

Montana Resources, LLP (MRI)

ARIZONA (1) Freeport-McMoRan Copper & Gold Inc., Green Valley

Mechanical Engineering Option

High - \$22.00 Low - \$9.00 Average - \$16.04

MONTANA (9)

Butte (5) Montana Resources, LLP (MRI)

NCAT-National Center for Appropriate Technology

Resodyn Corporation SeaCast, Inc. (2) PPL Montana, Inc.

Colstrip (1) PPL Montana, Inc.

Helena (1) Montana Fish Wildlife & Parks

Kalispell (1) Knife River

Montana City (1) Ash Grove Cement Company

OREGON (1) Ash Grove Cement Company, Durkee
PENNSYLVANIA (2) CNH Innovations Engineering, New Holland

Westinghouse Electric Co., Cranberry Township

TEXAS (1) Baker Hughes Inc., Odessa UTAH (1) Rio Tinto, Salt Lake City

WASHINGTON (2) Puget Sound Naval Shipyard, Bremerton (2)

WYOMING (2) Peabody Energy, Gillette (2)

Welding Engineering Option

High - I/D Low - I/D Average - I/D

MONTANA (2)

Butte (2) Montana Resources, LLP (MRI)

SeaCast, Inc.

ILLINOIS (1) John Deere Company, Moline

Geological Engineering

5 Reported

High - \$21.35 Low - \$10.00 Average - \$17.85

MONTANA (1)

Butte (1) Montana Tech - MBMG

ALASKA (1) Hecla Mining Company - Greens Creek, Juneau

NEVADA (3) Barrick Goldstrike Mines, Elko (2)
Newmont Mining Corporation, Elko

Geophysical Engineering

2 Reported

High - I/D Low - I/D Average - I/D

COLORADO (1) Newmont Mining Corporation, Denver

TEXAS (1) ConocoPhillips, Midland

Geoscience 2 Reported

Geochemistry Option

High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Montana Resources, LLP (MRI)

Geology Option

High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Montana Resources, LLP (MRI)

Health Care Informatics

12 Reported

(4 Volunteer Experiences) High - \$12.00 Low - \$7.35 Average - \$10.05

MONTANA (12)

Anaconda (1) Community Hospital of Anaconda
Butte (8) Community Health Center (4)

Rocky Mountain Clinic
St. James HealthCare (3)

Barrett Heapital & HealthCare

Dillon (1) Barrett Hospital & Healthcare

Helena (1) Mountain Pacific Quality Health Foundation (MPQHF)

Warm Springs (1) Montana State Hospital

Industrial Hygiene

1 Reported

High - I/D Low - I/D Average - I/D

NEVADA (1) Barrick Goldstrike Mines, Elko

Interdisciplinary

1 Reported

High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Montana Tech - Metallurgical Eng. Dept.

Liberal Studies

6 Reported

(4 Volunteer Experiences) High - I/D Low - I/D Average - I/D

MONTANA (6)

Butte (3) Community Counseling & Correctional Service Inc. (CCCS)

St. James HealthCare (2)

Deer Lodge (1) Montana Department of Corrections Helena (1) Tibetan Children's Education Fund

Warm Springs (1) Montana State Hospital

Medical Assistant

1 Reported

(1 Volunteer Experience) High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) Montana Credit Unions for Community Development-VITA Program

Metallurgical Engineering

4 Reported

High - \$20.00 Low - \$14.20 Average - \$17.73

MONTANA (1)

Butte (1) Montana Tech - Metallurgical Eng. Dept.

IDAHO (1) Hecla Mining Company - Greens Creek, Mullan

NEVADA (2) Newmont Mining Corporation, Elko

Newmont Mining Corporation, Winnemucca

Metallurgical/Mineral Processing Engineering

1 Reported

High - I/D Low - I/D Average - I/D

CONNECTICUT (1) Cytec Industries Inc., Stamford

Mining Engineering

16 Reported

High - \$25.00 Low - \$11.25 Average - \$18.65

MONTANA (1)

Decker (1) Kiewit Mining

ALABAMA (1) Jim Walter Resources, Tuscaloosa
ALASKA (1) J.S. Redpath Corporation, Fairbanks

IDAHO (1) Idaho National Laboratory (INL), Idaho Falls

NEVADA (6) Barrick Goldstrike Mines, Elko (4)

Newmont Mining Corporation, Carlin

Newmont Mining Corporation, Winnemucca

PENNSYLVANIA (1) NIOSH, Pittsburgh

TEXAS (1) Westmoreland Coal Co., Jewett
UTAH (1) JR Simplot Corporation, Vernal
WYOMING (3) FMC Corporation, Green River

Peabody Energy, Gillette Solvay Chemicals, Green River

Network Technology

17 Reported

(4 Volunteer Experiences) High - \$25.00 Low - \$7.70 Average - \$12.94

MONTANA (14)

Anaconda (1) Anaconda Job Corps
Browning (1) Browning School District 9

Butte (8) Butte Sheltered Workshop (BSW)

Montana Tech - COT (3)

Montana Tech - Network Services

St. James HealthCare (2)

Super 8 Motel

Glendive (1) Glendive Medical Center

Laurel (1) CHS Inc

Missoula (1) Community Medical Center of Missoula

Ramsay (1) Ramsay School District

COLORADO (1) University of Colorado, Boulder

ILLINOIS (2) DCV Tech, Hickory Hills

John Deere Company, Moline

Occupational Safety & Health

34 Reported

Applied Health Option

(3 Volunteer Experiences) **High - \$25.00 Low - \$8.00 Average - \$15.76**

MONTANA (7)

Anaconda (1) Community Hospital of Anaconda

Butte (4) A-1 Ambulance

Butte Family YMCA

Easter Seals

Montana Tech - HPER

Great Falls (1) Benefis Healthcare

Helena (1) US Navy

NEVADA (1) Barrick Goldstrike Mines, Elko WASHINGTON (1) Verizon Wireless, Bellevue

OSH Option

(4 Volunteer Experiences) **High - \$21.00 Low - \$8.32 Average - \$15.37**

MONTANA (16)

Butte (10) Continental Gardens

Hawe Steel

Montana Tech - Environmental Health & Safety (2)

Montana Tech - Petroleum Engineering

NorthWestern Energy Portage Environmental Rocky Mountain RV

St. Francis Vetrinary Hospital

State of Montana

Great Falls (2) Hensel Phelps Construction

PPL Montana, Inc.

Helena (1) Old Castle Materials Missoula (1) Envirocon, Inc.

Opportunity (1) S&K Environmental Restoration

Stanford (1) US Forest Service

CALIFORNIA (3) Aera Energy LLC, Bakersfield

Hensel Phelps Construction, San Diego PCL Construction Inc, Los Angeles

MINNESOTA (1) Mortenson Construction, Minneapolis TEXAS (1) Westmoreland Coal Co., Jewett

WASHINGTON (1) CH2M Hill, Richland

WYOMING (3) Cloud Peak Energy, Sheridan

Oftedal Construction, Casper Peabody Energy, Gillette

Petroleum Engineering

61 Reported

(1 Volunteer Experience) High - \$43.40 Low - \$12.00 Average - \$29.87 MONTANA (5) Butte (1) MSE Technology Applications, Inc. (MSE-TA) Fairview (1) Ensign US Drilling Glendive (1) Fidelity Exploration & Production Company USDOI BLM - Montana Great Falls (1) Key Energy Services, Inc. Sidney (1) BP, Anchorage ALASKA (2) ConocoPhillips, Anchorage CALIFORNIA (5) Aera Energy LLC, Bakersfield (3) Venoco Inc, Carpinteria (2) COLORADO (8) Anadarko Petroleum Corporation, Denver (2) Anadarko Petroleum Corporation, Evans EnCana Oil & Gas (USA) Inc., Denver Ensign US Drilling, Denver Ensign US Drilling, LaSalle Newfield Exploration, Denver Noble Energy, Platteville LOUISIANA (1) SM Energy Company (formerly St. Mary Land Exploration Co.), Shreveport **NEW MEXICO (1)** Chesapeake Energy Corp., Hobbs **NORTH DAKOTA (2)** SM Energy Company (formerly St. Mary Land Exploration Co.), Williston The Energy & Environmental Research Center (EERC), Grand Forks OKLAHOMA (3) Devon Energy Corporation, Oklahoma City (2) SM Energy Company (formerly St. Mary Land Exploration Co.), Tulsa Universal Well Services Inc., Bradford PENNSYLVANIA (1) **TEXAS (14)** Anadarko Petroleum Corporation, Houston (2) Baker Hughes Inc., Houston (2) BP, Houston Chesapeake Energy Corp., Midland Chevron, Houston ConocoPhillips, Houston Hess Corporation, Houston Marathon Oil Company, Houston (2) Murex Petroleum Corporation, Houston Noble Energy, Canadien Packers Plus Energy Services, Odessa WYOMING (2) Baker Hughes Inc., Evansville Peabody Energy, Gillette CANADA (17) BP, Calgary, Alberta (2) Calfrac Well Services, Calgary, Alberta Canadian Natural Resources Limited (CNRL), Bonnyville, Alberta Canadian Natural Resources Limited (CNRL), Calgary, Alberta (3) Canadian Natural Resources Limited (CNRL), Edson, Alberta Canadian Natural Resources Limited (CNRL), Ft. St. John, British Columbia Canadian Natural Resources Limited (CNRL), Grand Prairie, Alberta Canadian Natural Resources Limited (CNRL), Grande Prairie, Alberta Canadian Natural Resources Limited (CNRL), Senlac, Saskatchewan Cenovus Energy, Calgary, Alberta

Penn West Exploration (formerly Penn West Energy Trust), Calgary, Alberta (2)

EnCana Corporation - Canada, Calgary, Alberta

Murphy Oil Company, Calgary, Alberta

Professional & Technical Communication

7 Reported

(1 Volunteer Experience) High - \$15.00 Low - \$8.00 Average - \$10.50

MONTANA (7)

Anaconda (1) Square Marketing

Butte (6) KXLF - TV

Montana Tech - Bookstore

Montana Tech - Student Union Office (2)

NCAT-National Center for Appropriate Technology
The Franklin Center for Government & Public Integrity

Technical Communication

2 Reported

High - I/D Low - I/D Average - I/D

MONTANA (1)

Butte (1) St. James HealthCare

WYOMING (1) Sweetwater County Events, Rock Springs