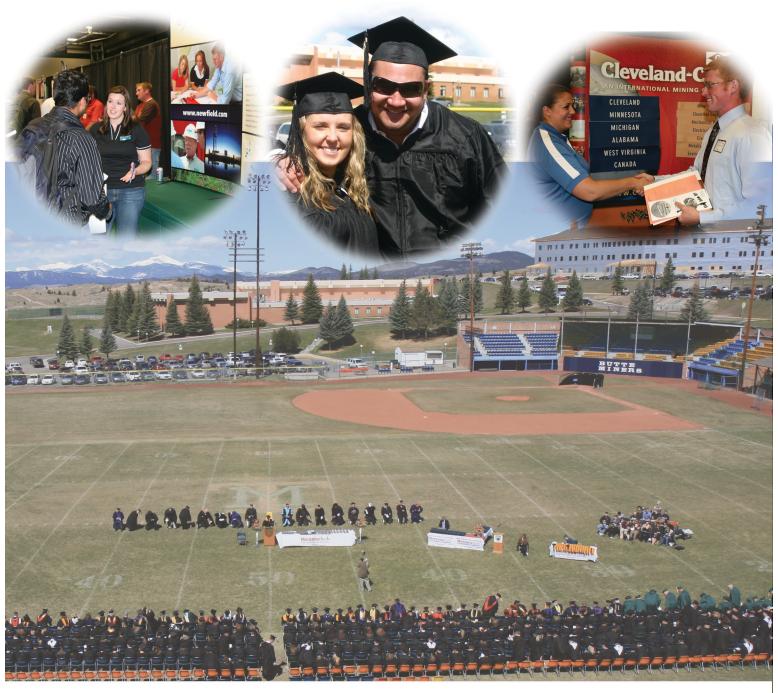
Experiential Learning Summary

Summer 2009 - Spring 2010

Prepared By Montana Tech Career Services



Montana Tech THE UNIVERSITY OF MONTANA

Get Into It!

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.

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

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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 2009 through Spring 2010 Experiential Learning

Published: July 2010

HIGHLIGHTS

TOTAL NUMBER OF PARTICIPATING STUDENTS	6% 18% 42%	College of Technology Freshmen Sophomores Juniors Seniors
265	3%	Graduates and Post-Bacc

TOTAL NUMBER
OF
PARTICIPATING
EMPLOYERS

142

HOURLY SALARY INFORMATION	<u>High</u>	Low	<u>Average</u>
College of Letters, Sciences, and Professional Studies	\$ 26.54	\$ 7.00	\$ 12.76
School of Mines & Engineering	\$ 46.16	\$ 8.00	\$ 20.29
College of Technology	\$ 14.00	\$ 10.00	\$ 12.00
Graduate School	\$ I/D	\$ I/D	\$ I/D

GEOGRAPHIC AREA	In-State	Out-of-State
OVERALL	52%	48%
College of Letters, Sciences, and Professional Studies	90%	10%
School of Mines & Engineering	39%	61%
College of Technology	67%	33%
Graduate School	100%	0%

SUMMARY BY SCHOOL AND DEGREE AREA

	#							#
	Reported		High		Low	Α	verage	Salaries
College of Letters, Sciences, and Professional Studies								
Biology	2	\$	I/D	\$	I/D	\$	I/D	1
Business	1	\$	I/D	\$	I/D	\$	I/D	0
Business & Information Technology	28	\$	20.00	\$	7.00	\$	11.62	20
- Accounting Option	5	\$	13.00	\$	9.24	\$	10.64	4
- Business Option	17	\$	17.00	\$	7.00	\$	11.06	13
- Management Option	6	\$	20.00	\$	8.50	\$	15.33	3
Chemistry	5	\$	I/D	\$	I/D	\$	I/D	0
Computer Science	2	\$	I/D	\$	I/D	\$	I/D	1
Health Care Informatics	8	\$	I/D	\$	I/D	\$	I/D	1
Health Care Informatics Technology	1	\$	I/D	\$	I/D	\$	I/D	0
Liberal Studies	8	\$	11.89	\$	9.10	\$	10.25	4
Network Technology	6	\$	25.00	\$	9.00	\$	15.33	6
Professional & Technical Communication	4	\$	26.54	\$	8.00	\$	13.70	4
Registered Nursing	1	\$	I/D	\$	I/D	\$	I/D	1
Software Engineering	1	\$	I/D	\$	I/D	\$	I/D	1
	67	\$	26.54	\$	7.00	\$	12.76	39
School of Mines & Engineering								
Electrical Engineering	7	\$	25.96	\$	9.50	\$	16.49	7
Environmental Engineering	14	\$	31.74	\$	9.00	\$	16.98	13
General Engineering	53	\$	34.62	\$	8.00	\$	15.32	49
- Civil Engineering Option	22	\$	29.04	\$	8.00	\$	16.15	20
- General Option	7	\$	15.00	\$	8.42	\$	11.49	7
 Mechanical Engineering Option 	20	\$	34.62	\$	9.00	\$	16.48	18
 Welding Engineering Option 	4	\$	20.54	\$	9.00	\$	12.64	4
Geological Engineering	3	\$	I/D	\$	I/D	\$	I/D	2
Geophysical Engineering	4	\$	24.00	\$	15.00	\$	20.33	3
Metallurgical Engineering	8	\$	20.36	\$	9.00	\$	16.60	8
Mining Engineering	17	\$	26.00	\$	16.00	\$	20.08	12
Occupational Safety & Health	25	\$	28.13	\$	8.00	\$	14.56	18
- Applied Health Option	9	\$	21.50	\$	8.00	\$	12.18	6
- OSH Option	16	\$	28.13	\$	10.00	\$	15.75	12
Petroleum Engineering	67	\$	46.16	\$	11.34	\$	29.57	48
	198	\$	46.16	\$	8.00	\$	20.29	160
College of Technology								
Civil Engineering Technology	2	\$	I/D	\$	I/D	\$	I/D	2
Drafting Technology	1	\$	I/D	\$	I/D	\$	I/D	1
	3	\$	14.00	\$	10.00	\$	12.00	3
Graduate School								
Interdisciplinary	1	\$	I/D	\$	I/D	\$	I/D	0
Technical Communication	1	\$	I/D	\$	I/D	\$	I/D	0
135 milion Communication	2	φ \$	1/D	φ \$	I/D	\$	1/D	0
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142 - NUMBER OF PARTICIPATING EMPLOYERS

265 - TOTAL NUMBER OF PARTICIPATING STUDENTS

- 2% College of Technology
- 6% Freshmen
- 18% Sophomores
- 42% Juniors
- 29% Seniors
- 3% Graduates and Post-Baccalaureates

304 – NUMBER OF INTERNSHIP CREDITS GENERATED

113 - NUMBER OF STUDENTS TAKING INTERNSHIP CREDIT

19 - NUMBER OF CO-OP EXPERIENCES

AVERAGE HOURLY WAGE

OVERALL	\$ 18.71
College of Letters, Sciences, and Professional Studies	\$ 12.76
School of Mines & Engineering	\$ 20.29
College of Technology	\$ 12.00
Graduate School	\$ I/D

Biology 2 Reported

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

MONTANA (1)

Butte (1) Advanced Dermatology Dr. Dixon Robison

MASSACHUSETTS (1) Amgen UROP Scholars Program, Cambridge

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

28 Reported

Accounting Option

High - \$13.00 Low - \$9.24 Average - \$10.64

MONTANA (5)

Butte (4) Anderson Zurmuehlen & Co. PC (2)

Mark Rule and Co. Shea Realtors

Hamilton (1) Rocky Mountain Laboratories

Business Option

(2 Volunteer Experiences) **High - \$17.00 Low - \$7.00 Average - \$11.06**

MONTANA (15)

Anaconda (2) Anaconda-Deer Lodge County

Butte, Anaconda & Pacific Railway Co.

Butte (10) Big Sky Rental

Butte Public Library

Community Counseling & Correctional Service Inc. (CCCS)

Mainstreet Uptown Butte

Montana Network

Montana Tech - Residence Life Mountain West Federal Credit Union

NCAT-National Center for Appropriate Technology

Newland and Company State Farm Insurance Co.

Conrad (1) Stockman Bank

Helena (2) Helena Sand & Gravel Company

Montana Department of Transportation (MDT)

WYOMING (2) Pearson Oil Company, Gillette

Rio Tinto, Gillette

Management Option

(1 Volunteer Experience) High - \$20.00 Low - \$8.50 Average - \$15.33

MONTANA (5)

Butte (4) College Pro Painters

> Marquis Vintage Suites Poore, Roth & Robinson

PPL Montana, Inc.

Twin Bridges (1) The Ice House

WYOMING (1) Wilson Welding Inc, Gillette

Chemistry 5 Reported

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

MONTANA (5)

Butte (5) Dr. William Brennick, DDS

Montana Orthopedics

Montana Tech - Biology Dept Peggy Lowney, D.M.D. Rocky Mountain Clinic

Civil Engineering Technology

2 Reported

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

MONTANA (1)

Opportunity (1) S&K Environmental Restoration CALIFORNIA (1) Barnard Construction, Olancha

Computer Science

2 Reported

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

MONTANA (2)

Butte (1) Town Pump, Inc. Fast Enterprises LLC Helena (1)

Drafting Technology

1 Reported

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

MONTANA (1)

Stevensville (1) Bitterroot Tool and Machine

Electrical Engineering

7 Reported

High - \$25.96 Low - \$9.50 Average - \$16.49

MONTANA (4)

Butte (3) Montana Department of Environmental Quality (DEQ)

Montana Resources, LLP (MRI)

PPL Montana, Inc.

Helena (1) Montana Department of Transportation (MDT)

CALIFORNIA (1) Electric Power Group, Pasadena

WYOMING (2) Peabody Energy, Gillette

Saulsbury Electric, Ltd., Gillette

Environmental Engineering

14 Reported

High - \$31.74 Low - \$9.00 Average - \$16.98

MONTANA (8)

Butte (4) MERDI

Montana Resources, LLP (MRI) (3)

Helena (1) Montana Department of Transportation (MDT)

Laurel (1) CHS Inc

Opportunity (2) S&K Environmental Restoration (2)

CALIFORNIA (2) Chevron, Bakersfield (2)
UTAH (1) Arch Coal Inc., Price
WYOMING (3) Peabody Energy, Gillette

Rio Tinto, Gillette Rio Tinto, Sheridan

General Engineering

53 Reported

Civil Engineering Option

High - \$29.04 Low - \$8.00 Average - \$16.15

MONTANA (13)

Billings (4) Eggart Engineering and Construction

Interstate Engineering (2)

Studer Construction

Bozeman (1) Barnard Construction
Butte (3) Hollow Construction

Pioneer Technical Services, Inc. (2)

Colstrip (1) Westmoreland Coal Co.

Glasgow (1) Montana Department of Transportation (MDT)

Miles City (1) Oftedal Construction

Missoula (1) Beaudette Consulting Engineers
Sidney (1) Richland County Road Department

CALIFORNIA (3) Aera Energy LLC, Bakersfield

Barnard Construction, San Diego

Hensel Phelps Construction, San Jose

MINNESOTA (1) Prospective Construction, Minneapolis UTAH (1) WW Clyde & Co., Salt Lake City

WASHINGTON (2) Granite Construction Company, Everett

Kiewit Pacific Co., Vancouver

WYOMING (1) Arch Coal Inc., Wright

NEW MEXICO (1) Lone Star Surveying, Bloomfield

General Option

High - \$15.0	0 Low - \$8.42	Average - \$11.49
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MONTANA (5)

Butte (5) 360 Networks

Montana Resources, LLP (MRI) (3)

MSE Technology Applications, Inc. (MSE-TA)

CALIFORNIA (1) Kiewit Construction, Winterhaven

WASHINGTON (1) Western Federal Lands Highway Division, Vancouver

Mechanical Engineering Option

High - \$34.62 Low - \$9.00 Average - \$16.48

MONTANA (9)

Anaconda (2) Anaconda Foundry Fabrication Co. (AFFCO)

Pioneer Technical Services, Inc.

Butte (5) Continental Fence

Montana Resources, LLP (MRI)

NCAT-National Center for Appropriate Technology (2)

USDA Forest Service

Havre (1) Heberly and Associates
Helena (1) CDM-Camp Dresser & McKee
CALIFORNIA (2) Aera Energy LLC, Bakersfield

Granite Construction Company, Tracy

COLORADO (1) EnCana Oil & Gas (USA) Inc., Denver

NEW MEXICO (1) Mosaic, Carlsbad OKLAHOMA (1) AAON, Inc, Tulsa

OREGON (1) Ash Grove Cement Company, Durkee

UTAH (1) Granite Construction Company, Salt Lake City

WASHINGTON (3) Puget Sound Clean Air Agency, Bremerton

The Boeing Company, Seattle

Washington River Protection Solutions, Richland

WYOMING (1) Powder River Coal Company, Gillette

Welding Engineering Option

High - \$20.54 Low - \$9.00 Average - \$12.64

MONTANA (3)

Butte (3) Montana Resources, LLP (MRI) (3) IOWA (1) John Deere Company, Debuque

Geological Engineering

3 Reported

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

MONTANA (1)

Butte (1) Montana Tech - MBMG

NEVADA (2) Barrick Goldstrike Mines, Elko (2)

Geophysical Engineering

4 Reported

High - \$24.00 Low - \$15.00 Average - \$20.33

MONTANA (1)

Colstrip (1) PPL Montana, Inc.

CALIFORNIA (1) Venoco Inc, Carpinteria

COLORADO (1) Newmont Mining Corporation, Denver NEW YORK (1) Chesapeake Energy Corp., Big Flats

Health Care Informatics

8 Reported

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

MONTANA (8)

Butte (3) Community Health Center (2)

St. James HealthCare

Choteau (1) Montana Public Health Association

Warm Springs (4) Montana State Hospital (4)

Health Care Informatics Technology

1 Reported

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

MONTANA (1)

Butte (1) St. James HealthCare

Interdisciplinary

1 Reported

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

MONTANA (1)

Butte (1) Montana Tech - Chemistry Dept

Liberal Studies

8 Reported

(3 Volunteer Experiences) High - \$11.89 Low - \$9.10 Average - \$10.25

MONTANA (8)

Butte (8) Butte-Silver Bow County

Community Counseling & Correctional Service Inc. (CCCS) (2)

Montana Chemical Dependency Center (2) Montana Tech - Metallurgical Eng. Dept.

Safe Space

Western Montana Mental Health

Metallurgical Engineering

8 Reported

High - \$20.36 Low - \$9.00 Average - \$16.60

MONTANA (2)

Butte (2) Montana Resources, LLP (MRI)

Montana Tech - CAMP

ARKANSAS (1)

Ash Grove Cement Company, Forman

IOWA (1)

John Deere Company, Des Moines

NEVADA (3)

Barrick Goldstrike Mines, Elko (2)

Newmont Mining Corporation, Carlin

Ask Osses Osses at Osses and Lassia at a

UTAH (1) Ash Grove Cement Company, Learnington

Mining Engineering

17 Reported

High - \$26.00 Low - \$16.00 Average - \$20.08

MONTANA (2)

Decker (1) Kiewit Mining

Hardin (1) Westmoreland Coal Co.

ALABAMA (1) Jim Walter Resources, Brookwood ALASKA (2) Alaska Interstate, Anchorage

Granite Northwest / Wilder Construction Company, Anchorage

COLORADO (1) Arch Coal Inc., Somerset

NEVADA (3) Barrick Goldstrike Mines, Elko (2)

Newmont Mining Corporation, Carlin

WYOMING (8) Arch Coal Inc., Gillette

FMC Corporation, Green River (2) Kiewit Mining, Point of Rocks

MI SWACO, Greybull Peabody Energy, Gillette (2) Solvay Chemicals, Green River

Network Technology

6 Reported

High - \$25.00 Low - \$9.00 Average - \$15.33

MONTANA (5)

Butte (2) NorthWestern Energy

St. James HealthCare

Kalispell (1) Kalispell Regional Hospital

Laurel (1) CHS Inc

Ramsay (1) Ramsay School District

IOWA (1) John Deere Company, Moline

Occupational Safety & Health

25 Reported

Applied Health Option

(3 Volunteer Experiences) High - \$21.50 Low - \$8.00 Average - \$12.18

MONTANA (7)

Butte (6) Aware, Inc.

Butte High School Continental Gardens

Copper Ridge Health and Rehabilitation Montana Tech - Applied Health Science

St. James HealthCare Barrick Goldstrike Mines

Whitehall (1) Barrick Goldstrike Mines

CALIFORNIA (1) PCL Construction Inc, Tracy

IDAHO (1) Gooding Fitness & Rehabilitation Center, Gooding

OSH Option

(1 Volunteer Experience)	High - \$28.13	Low - \$10.00	Average - \$15.75
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MONTANA (11)

Big Timber (1) Stillwater Mining Company

Billings (1) ConocoPhillips

Butte (7) Montana Resources, LLP (MRI)

Montana Tech - Environmental Health & Safety (2)

Montana Tech - Petroleum Engineering MSE Technology Applications, Inc. (MSE-TA)

NorthWestern Energy

Pioneer Technical Services, Inc.

Glendive (1) WBI Holdings, Inc.

Opportunity (1) S&K Environmental Restoration **CALIFORNIA (2)** Aera Energy LLC, Bakersfield

Hensel Phelps Construction, San Jose

MINNESOTA (1) Mortenson Construction, Minneapolis

NEVADA (1) Barrick Goldstrike Mines, Elko
WYOMING (1) Oftedal Construction, Casper

Petroleum Engineering

67 Reported

	High - \$46.16	Low - \$11.34	Average - \$29.57
MONTANA (11)			
Baker (2)	ConocoPhillips		
	Fidelity Exploration & Production	on Company	
Billings (2)	Prospector Oil Inc		
	SM Energy Company (formerly	St. Mary Land Explora	ation Co.)
Colstrip (1)	PPL Montana, Inc.		
Ferdig (1)	Somont Oil Company, Inc.		
Glendive (1)	Fidelity Exploration & Production	on Company	
Hason (1)	USDA Forest Service		
Havre (1)	Devon Energy Corporation		
Oilmont (1)	Somont Oil Company, Inc.		
Saco (1)	Fidelity Exploration & Production	on Company	
ALASKA (4)	BP, Anchorage (2)		
	ConocoPhillips, Anchorage (2)		
CALIFORNIA (4)	Aera Energy LLC, Bakersfield		
	Chevron, Bakersfield		
	Venoco Inc, Carpinteria		
	Venoco Inc, Santa Barbara		
COLORADO (6)	EnCana Oil & Gas (USA) Inc.,	Denver (2)	
	Newfield Exploration, Denver		
	Noble Energy, Denver (2)		
	Questar Corporation, Denver		
NEW MEXICO (1)	Devon Energy Corporation, Art	esia	
NORTH DAKOTA (1)	Baker Hughes Inc., Williston		
OKLAHOMA (4)	Chesapeake Energy Corp., Ok	lahoma City	
	Devon Energy Corporation, Ok	lahoma City (2)	
	Newfield Exploration, Tulsa		
TEXAS (21)	Anadarko Petroleum Corporation	on, The Woodlands (2	2)
	BP, Houston (3)		
	Chesapeake Energy Corp., For	rt Worth	
	Devon Energy Corporation, Ho	uston (2)	
	Devon Energy Corporation, Po	rtland	
	EnCana Oil & Gas (USA) Inc.,	Dallas	
	Hess Corporation, Houston (5)		
	Marathon Oil Company, Fairfie	ld	
	Murex Petroleum Corporation,	Houston (2)	
	Packers Plus Energy Services,		
	SM Energy Company (formerly	St. Mary Land Explora	ation Co.), Midland
	XTO Energy, Tyler		
UTAH (1)	Anadarko Petroleum Corporation	on, Vernal	
WYOMING (3)	Anadarko Petroleum Corporation	on, Gillette	
	Citation Oil & Gas, Gillette		
	Pearson Oil Company, Gillette		
CANADA (10)	Avenir Operating Corp., Calgar	y, Alberta	
	BP, Calgary, Alberta		
	Calfrac Well Services, Calgary,		
	Canadian Natural Resources L		ry, Alberta
	EnCana Corporation - Canada,		
	Enerplus Resources, Calgary,		
	Imperial Oil Canada, Rocky Mo		ì
	Penn West Energy Trust, Calga	ary, Alberta (2)	

Montana	Iach
www.iaiia	10011

NORWAY (1) Framo

Framo Engineering AS, Beren

Professional & Technical Communication

4 Reported

High - \$26.54 Low - \$8.00 Average - \$13.70

MONTANA (3)

Butte (2) NCAT-National Center for Appropriate Technology

Town Pump, Inc.

Helena (1) Montana Lottery

CALIFORNIA (1) Chevron, San Ramon

Registered Nursing

1 Reported

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

MONTANA (1)

Malta (1) Phillips County Medical Center

Software Engineering

1 Reported

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

CALIFORNIA (1) Cisco Systems Inc, San Jose

Technical Communication

1 Reported

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

MONTANA (1)

Butte (1) Butte-Silver Bow Arts Foundation