

Michigan Technological University

Annual Placement Report 2012-13

Michigan Tech



Our students are smart—and they're prepared.

About Michigan Tech

Michigan Tech's mission is to be a research institution of international renown. Here's a look at some of the recognition these efforts have earned in the last year.

- ❖ *Princeton Review* has once again ranked Tech as Best Midwestern College for 2014.
- ❖ The women's basketball team ranked ninth in the nation in combined GPA.
- ❖ *Business Insider*, by combining *US News and World Report* rankings with Payscale.com's college salary report, stated Tech is "underrated" based on quality of education and earnings potential.
- ❖ Two teams of Michigan Tech researchers were awarded Great Lakes restoration grants, a highly competitive process that resulted in only 12 total grants.
- ❖ Yet again, Tech's Peace Corps Master's International program has been ranked first in the nation.
- ❖ A Senior Design team designed a skin patch to warn when sun exposure gets too high. The story blew up online thanks to exposure on Reddit and other outlets.
- ❖ For the 13th time in 15 years, our team has taken the regional title in the ASCE Concrete Canoe Competition.
- ❖ *US News and World Report's* list of Best Technology Jobs mirrored Tech's educational offerings.
- ❖ Tech scientist Jarek Drelich was honored with the 2012 Great Lakes Entrepreneur's Quest Food Safety Innovation Award for his copper-vermiculite material's ability to fight *E. coli* and other food pathogens.
- ❖ Will Cantrell, from the physics department, was named a 2013 Distinguished Professor of the Year.
- ❖ Four of Tech's graduate engineering programs rose yet again in *US News and World Report* rankings.
- ❖ Student-athletes Sam Hoyt, Matt Curtin, Melanie Hoffman, and Jacob Clark were named Academic All-Americans in 2012–13.
- ❖ Our online MBA program earned high marks from *US News and World Report's* look into online graduate education.
- ❖ A hand-crank cycle designed by Michigan Tech students was unveiled at the 2012 Army-Navy game.
- ❖ Tech received a national Higher Education Excellence in Diversity (HEED) award from INSIGHT into Diversity.
- ❖ Air Force cadet Jacob LaSarge received the prestigious US Air Force Cadet Research Award for his work leading the Oculus-ASR Nanosatellite effort with the Aerospace Enterprise.

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Our placement rates continue to be among the best in the nation, proving an education at Michigan Tech develops in-demand graduates.	
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Placement



Placement statistics—based on 78 percent of students responding to our survey—include jobs in field, graduate school, military, and those not in the work force.

Placement by Category

Category	Undergraduate		Graduate		Total	
	Responded	Percent	Responded	Percent	Responded	Percent
Graduate School, Full-Time	100	13.3	39	36.4	139	16.2
Graduate School, Part-Time	1	0.1	1	0.9	2	0.2
Additional Undergraduate Course Work	3	0.4	0	0.0	3	0.4
Employment, Full-Time Paid	554	73.9	61	57.0	615	71.8
Employment, Part-Time Paid	13	1.7	3	2.8	16	1.9
Military Service	15	2.0	0	0.0	15	1.8
Volunteer Activity (e.g., Peace Corps)	0	0.0	1	0.9	1	0.1
Total Placement	686	91.5	105	98.1	791	92.3
Unemployment	64	8.5	2	1.9	66	7.7
Total	750		107		857	

Placement by Degree

Degree	Graduates Contacted	Responded	Employed Full-Time	Employed Part-Time	Graduate School Full-Time	Graduate School Part-Time	Military	Volunteer	Additional UG Work	Unemployed	Percent
BA	28	22	8	3	5	1	0	0	1	4	81.8
BS	938	728	546	10	95	0	15	0	2	60	91.8
MBA	16	10	5	1	3	0	0	1	0	0	100.0
MF	8	6	4	1	1	0	0	0	0	0	100.0
MS	108	66	35	0	28	1	0	0	0	2	97.0
PhD	34	25	17	1	7	0	0	0	0	0	100.0
Total	1,132	857	615	16	139	2	15	1	3	66	92.3

Employment by Location

Region/State	Count	Percent
Mid-Atlantic	13	2.2
Washington, DC	1	0.2
Maryland	3	0.5
Pennsylvania	1	0.2
Virginia	8	1.3
Midwest	508	85.1
Illinois	28	4.7
Indiana	12	2.0
Kansas	2	0.3
Michigan	293	49.1
Minnesota	54	9.0
Missouri	2	0.3
North Dakota	7	1.2
Nebraska	1	0.2
Ohio	13	2.2
Wisconsin	96	16.1
Northeast	15	2.5
Connecticut	2	0.3
Massachusetts	6	1.0
Maine	3	0.5
New Hampshire	1	0.2
New Jersey	2	0.3
New York	1	0.2
South	19	3.2
Alabama	1	0.2
Arkansas	2	0.3
Florida	3	0.5
Georgia	3	0.5
Kentucky	3	0.5
Louisiana	4	0.7
Mississippi	1	0.2
North Carolina	1	0.2
Tennessee	1	0.2
Southwest	18	3.0
Arizona	2	0.3
Colorado	4	0.7
New Mexico	1	0.2
Oklahoma	2	0.3
Texas	9	1.5
West	24	4.0
Alaska	2	0.3
California	8	1.3
Idaho	3	0.5
Nevada	1	0.2
Utah	2	0.3
Washington	8	1.3
Total	597	100.0

Graduate Schools Attended

Alabama College of Osteopathic Medicine	University of California-Davis
Albert Einstein College of Medicine of Yeshiva University	University of Detroit Dental School
Carnegie Mellon University	University of Florida
Clemson University	University of Illinois
Colorado State University	University of Indianapolis
Cornell University	University of Miami
Emerson College	University of Michigan
Indiana University-Bloomington	University of Michigan-Dearborn
Marquette University	University of Michigan Law School
Medical College of Wisconsin	University of Michigan-Flint
Miami University	University of Minnesota
Michigan State University	University of Minnesota-Duluth
Michigan Technological University	University of Strathclyde
Midwestern University	University of Tennessee-Knoxville
North Carolina State University	University of Wisconsin-Madison
Northern Michigan University	University of Wisconsin-Milwaukee
Northwestern Health Sciences University	University of Wroclaw
Northwestern University	University of Wisconsin-Superior
Oregon State University	University of Wisconsin-Stevens Point
Palmer School of Chiropractic	University of Wisconsin-La Crosse
San Jose State University	University of Wisconsin-Oshkosh
Umeå University	University of Wisconsin-River Falls
University of Alaska-Fairbanks	University of Wisconsin-Stout
	University of Wisconsin-Tulsa
	University of Wisconsin-Whitewater
	University of Wisconsin-Yeshiva University
	Virginia Commonwealth University
	Walsh College
	Wayne State Medical School
	Western Illinois University
	Western Michigan University
	William Beaumont Hospital School of Histotechnology

Employment by Industry

Industry	Count	Percent
Automotive	73	11.9
Banking/Finance/Insurance	22	3.6
Chemical/Food	32	5.2
Computer/Electronics	55	9.0
Construction	25	4.1
Consulting	78	12.7
Contracting	6	1.0
Defense/Aerospace	16	2.6
Education	40	6.5
Energy/Utilities/Minerals	44	7.2
Entertainment	1	0.2
Forestry	7	1.1
Government	25	4.1
Heavy Equipment	21	3.4
Manufacturing	94	15.3
Medical/Biomed	15	2.4
Other	27	4.4
Paper	6	1.0
Railroad/Transportation	3	0.5
Retail/Services	10	1.6
Sporting	13	2.1
Total	613	100.0

Placement

Undergraduate

Degree	Major	Responded	Employed	Graduate School	Military	Unemployed	Percent
BA	Communication, Culture, and Media	8	5	2	0	1	87.5
	English	3	0	2	0	1	66.7
	Liberal Arts—History	2	0	1	0	1	50.0
	Liberal Arts	0	0	0	0	0	n/a
	Physics	2	0	1	0	1	50.0
	Scientific and Technical Communication	5	4	1	0	0	100.0
	Sound Design	1	1	0	0	0	100.0
	Theatre and Electronic Media Performance	1	1	0	0	0	100.0
Total		22	11	7	0	4	81.8
BS	Accounting	11	7	0	0	4	63.6
	Anthropology	1	0	1	0	0	100.0
	Audio Production and Technology	2	2	0	0	0	100.0
	Biochemistry and Molecular Biology-Bio	5	0	4	0	1	80.0
	Biochemistry and Molecular Biology-Chem	2	1	1	0	0	100.0
	Bioinformatics	1	1	0	0	0	100.0
	Biological Sciences	23	6	13	0	4	82.6
	Biomedical Engineering	31	15	11	0	5	83.9
	Business Administration	6	6	0	0	0	100.0
	Chemical Engineering	59	46	5	0	8	86.4
	Chemistry	6	3	2	0	1	83.3
	Civil Engineering	77	64	8	2	3	96.1
	Clinical Laboratory Science	5	3	2	0	0	100.0
	Computer Engineering	22	19	2	1	0	100.0
	Computer Network and System Administration	21	20	0	1	0	100.0
	Computer Science	28	20	4	1	3	89.3
	Computer Systems Science	5	5	0	0	0	100.0
	Construction Management	8	8	0	0	0	100.0
	Ecology, Applied and Environmental Sciences	5	2	2	0	1	80.0
	Economics	7	6	0	0	1	85.7
	Electrical Engineering Technology	9	9	0	0	0	100.0
	Electrical Engineering	46	38	3	2	3	93.5
	Engineering	6	5	0	1	0	100.0
	Environmental Engineering	23	20	0	0	3	87.0
	Exercise Science	15	7	8	0	0	100.0
	Finance	10	7	1	0	2	80.0
	Forestry	12	8	2	0	2	83.3
	Geological Engineering	5	3	2	0	0	100.0
	Geology	2	0	1	0	1	50.0
	Geophysics, Applied	2	2	0	0	0	100.0
	Industrial Technology	3	3	0	0	0	100.0
	Management	4	3	0	1	0	100.0
	Management Information Systems	5	5	0	0	0	100.0
	Marketing	7	5	0	0	2	71.4
	Materials Science and Engineering	19	15	4	0	0	100.0
	Mathematics	11	10	1	0	0	100.0
	Mechanical Engineering	153	137	5	4	7	95.4
	Mechanical Engineering Technology	18	16	1	0	1	94.4
	Operations and Systems Management	6	5	0	1	0	100.0
	Pharmaceutical Chemistry	2	0	1	0	1	50.0
	Physics	9	2	5	0	2	77.8
	Psychology	11	3	4	0	4	63.6
	Scientific and Technical Communication	4	4	0	0	0	100.0
	Social Sciences	4	2	1	1	0	100.0
	Software Engineering	7	5	2	0	0	100.0
	Sports and Fitness Management	3	3	0	0	0	100.0
	Surveying Engineering	4	4	0	0	0	100.0
	Theatre and Entertainment Technology	0	0	0	0	0	n/a
	Wildlife Ecology and Management	3	1	1	0	1	66.7
	Total		728	556	97	15	60
Grand Total		750	567	104	15	64	91.5

Graduate

Degree	Major	Responded	Employed	Graduate School	Military	Unemployed	Percent	
MBA	Business Administration	10	7	3	0	0	100.0	
	Total	10	7	3	0	0	100.0	
MF	Forestry	6	5	1	0	0	100.0	
	Total	6	5	1	0	0	100.0	
MS	Applied Cognitive Science and Human Factors	0	0	0	0	0	n/a	
	Applied Ecology	4	3	1	0	0	100.0	
	Applied Science Education	2	1	1	0	0	100.0	
	Biological Sciences	2	2	0	0	0	100.0	
	Chemical Engineering	4	3	1	0	0	100.0	
	Chemistry	0	0	0	0	0	n/a	
	Civil Engineering	4	3	1	0	0	100.0	
	Computer Engineering	2	1	1	0	0	100.0	
	Computer Science	2	2	0	0	0	100.0	
	Electrical Engineering	5	2	3	0	0	100.0	
	Environmental Engineering	3	0	3	0	0	100.0	
	Environmental Policy	0	0	0	0	0	n/a	
	Forest Ecology and Management	7	2	5	0	0	100.0	
	Forest Molecular Genetics and Biotechnology	1	0	1	0	0	100.0	
	Forestry	2	1	0	0	1	50.0	
	Geological Engineering	1	1	0	0	0	100.0	
	Geology	7	2	4	0	1	85.7	
	Industrial Archaeology	0	0	0	0	0	n/a	
	Integrated Geospatial Technology	2	2	0	0	0	100.0	
	Materials Science and Engineering	2	1	1	0	0	100.0	
	Mathematical Sciences	3	1	2	0	0	100.0	
	Mechanical Engineering	13	8	5	0	0	100.0	
	Physics	0	0	0	0	0	n/a	
	Rhetoric and Technical Communication	0	0	0	0	0	n/a	
Total		66	35	29	0	2	97.0	
PhD	Applied Cognitive Science and Human Factors	0	0	0	0	0	n/a	
	Atmospheric Sciences	1	1	0	0	0	100.0	
	Biological Sciences	0	0	0	0	0	n/a	
	Biomedical Engineering	2	1	1	0	0	100.0	
	Chemical Engineering	2	1	1	0	0	100.0	
	Civil Engineering	3	1	2	0	0	100.0	
	Computer Engineering	1	1	0	0	0	100.0	
	Electrical Engineering	1	1	0	0	0	100.0	
	Environmental Engineering	1	0	1	0	0	100.0	
	Forest Science	2	2	0	0	0	100.0	
	Geology	1	1	0	0	0	100.0	
	Industrial Heritage Archaeology	1	1	0	0	0	100.0	
	Materials Science and Engineering	0	0	0	0	0	n/a	
	Mathematical Sciences	2	2	0	0	0	100.0	
	Mechanical Engineering–Engineering Mechanics	6	5	1	0	0	100.0	
	Rhetoric and Technical Communication	2	1	1	0	0	100.0	
	Total		25	18	7	0	0	100.0
	Grand Total		107	65	40	0	2	98.1

Gerdau was extremely pleased to increase their recruiting efforts at Michigan Tech this past year. The caliber of students at Michigan Tech exceeds our expectations, adding significant and immediate contributions to our team, helping us achieve our technical and business goals. Our valued partnership with Career Services and the University allows us to attract and hire top talent for the internship and full-time opportunities throughout our company, and we look forward to continuing to make this a long-standing tradition.

—Derrick Dyas
Gerdau

Recruitment

Michigan Tech has been a target school for Integrys Energy Group for well over twenty years. We hire as many intern students and entry-level graduates as we can, as the top talent we find here consistently exceeds our expectations. The rigor and demand of this university develops students with superior technical ability, problem solving skills, and a strong work ethic. Michigan Tech students fit well with our culture and are valued members of our team. They consistently go the extra mile to help Integrys achieve success in the energy industry.

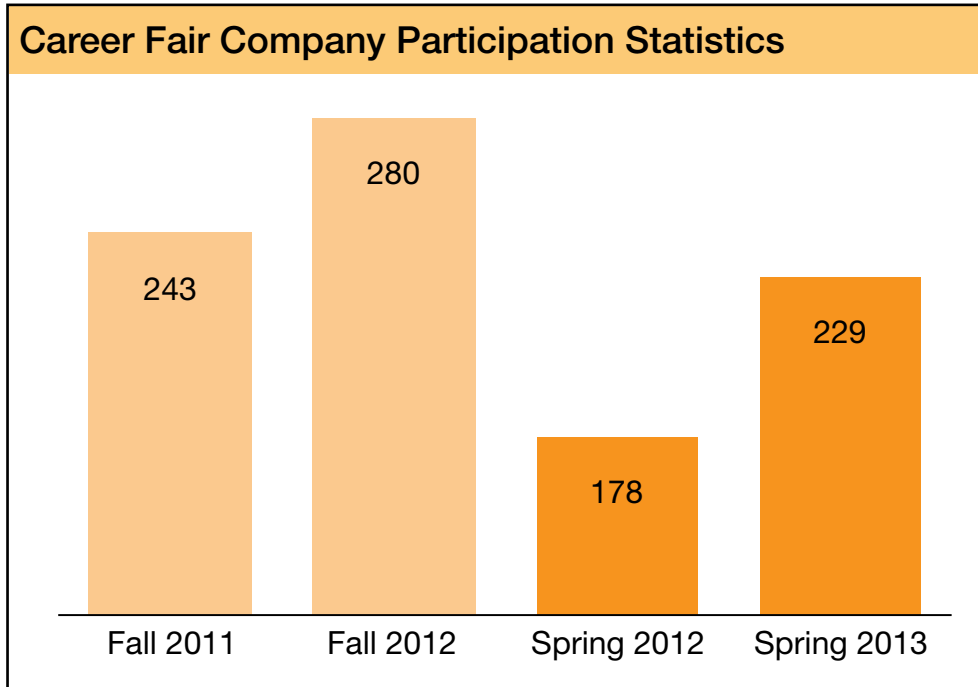
—Holly Nerat
Integrys Energy Group

Recruitment on Campus by Industry

Industry	Count	Percent
Automotive	29	8.8
Banking/Finance/Insurance	13	3.9
Chemical/Food	19	5.8
Computer/Electronics	30	9.1
Construction	22	6.7
Consulting	75	22.7
Contracting	6	1.8
Defense/Aerospace	5	1.5
Education	4	1.2
Energy/Utilities/Minerals	38	11.5
Government	11	3.3
Heavy Equipment	10	3.0
Manufacturing	81	24.5
Medical/Biomed	5	1.5
Paper	10	3.0
Railroad/Transportation	9	2.7
Retail/Services	3	0.9
Sporting	2	0.6
Total	372	100.0



Company Participation



Last fall's career fair saw a 15.2 percent increase over the year before, while the spring event gained 28.7 percent.

Interviewing Statistics

374	Companies on campus
679	Interviews scheduled
6,242	Available interview slots
9	Interviews per student

Michigan Tech enrollment: 6,976
Undergraduate: 5,617
Graduate: 1,359

Average GPA of enrolled first-year students: 3.66

Average composite ACT of entering first-year students: 26.7
(National average: 20.9)

Average SAT: 1,783
(National average: 1,498)

Nexteer has had great success with both internship and full-time recruiting activities at Michigan Tech. Tech students are academically well-rounded and have hands-on experience that is crucial to the success of our business. Interns and graduates are well prepared to hit the ground running the minute they walk in the door. They fit in well with our culture and enjoy the close proximity to many of the outdoor activities they enjoyed while at Tech. Nexteer has a long tradition of hiring students from Tech, and with over 125 Tech graduates, we're proud to continue our partnership with Tech. Students are prepared for the career fairs, and the assistance we receive from the Career Services Office to reach these highly qualified candidates is outstanding.

—Sarah Maday
Nexteer Automotive

Cooperative Education

Average Hourly Co-op Salaries

Major	Overall		Sophomore		Junior		Senior		Graduate	
	Average	Number Reported	Average	Number Reported	Average	Number Reported	Average	Number Reported	Average	Number Reported
Anthropology	\$11.00	1			\$11.00	1				
Biochemistry and Molecular Biology	\$18.00	2			\$18.00	2				
Biomedical Engineering	\$19.23	13	\$16.75	1	\$20.00	3	\$19.25	9		
Chemical Engineering	\$20.23	46	\$24.00	1	\$17.77	17	\$21.89	27	\$13.50	1
Chemistry	\$27.25	1							\$27.25	1
Civil Engineering	\$13.92	11	\$13.25	1	\$12.42	3	\$14.66	7		
Computer Engineering	\$19.21	9			\$17.70	3	\$16.45	4	\$27.00	2
Computer Network and System Administration	\$22.24	2					\$22.24	2		
Computer Science	\$15.00	5	\$14.00	1	\$17.00	1	\$14.67	3		
Computer Systems Science	\$9.67	3					\$9.67	3		
Construction Management	\$21.63	1			\$21.63	1				
Electrical Engineering	\$21.03	34	\$20.00	1	\$18.63	8	\$17.93	13	\$26.09	12
Environmental Engineering	\$14.75	1			\$14.75	1				
General Sciences and Arts	\$14.00	1	\$14.00	1						
Geological Engineering	\$18.00	1					\$18.00	1		
Geology	\$24.04	1							\$24.04	1
Management		1		1						
Marketing	\$19.88	1					\$19.88	1		
Materials Science and Engineering	\$17.38	4	\$17.00	1			\$17.50	3		
Mathematical Sciences	\$31.00	2							\$31.00	2
Mathematics	\$15.00	1					\$15.00	1		
Mechanical Engineering	\$18.70	118	\$14.75	16	\$18.02	45	\$18.48	35	\$23.43	22
Mechanical Engineering Technology	\$14.98	8	\$17.00	1	\$14.76	5	\$14.50	2		
Mechanical Engineering-Engineering Mechanics	\$24.00	3							\$24.00	3
Scientific and Technical Communication	\$6.08	1					\$6.08	1		
Software Engineering	\$23.80	1					\$23.80	1		

Total Number Reported: 272 Overall Average Hourly Salary: \$18.22

Companies Hiring Co-ops

ABB, Inc.	Brent's Snow Removal	GS Engineering	Nevada Automotive Test Center	Space Exploration Technologies Corp.
Advanced Blending Solutions, LLC	Caterpillar, Inc.	Harley-Davidson Motor Co.	Northern Tier Energy, LLC	SRS Pharmacy Systems
Advics North America, Inc.	CCI Systems	Harman International	Nucor Steel	Superior Pediatrics
AG MicroSystems, Inc.	Center Manufacturing, Inc.	Hendrick Motorsports	Oakland University	Systems Control, a Division of Northern Star Industries, Inc.
ALLETE/Minnesota Power	Clarenceville School District	HGST, a Western Digital Co.	Open Systems International, Inc.	TekWissen
Alliance Laundry Systems, LLC	Continental	Hitachi Global Storage Technologies	Optimal Solutions	Teoresi, Inc.
ALSTOM Grid, Inc.	Cummins, Inc.	Huron Castings, Inc.	Oshkosh Truck Corporation	ThermoAnalytics, Inc.
American Axle & Manufacturing, Inc.	Delphi	Interpower Induction	Osmose, Inc.	Toyota Motor Engineering & Manufacturing NA, Inc.
Appleton Papers, Inc.	Dematic Corp.	Ion Geophysical Corp.	Packaging Corp. of America	Tyco Safety Products/Ansul, Inc.
Ardisam, Inc.	DENSO International America, Inc.	Johnson Controls	Pieper Electric, Inc.	US Manufacturing Corp.
Argonne National Laboratory	Domtar Corp.	Kimberly-Clark Corp.	Polaris Industries, Inc.	Verso Paper Corp.
Attwood Corp.	Doosan Infracore	Kohler Co.	Powertech Services, Inc.	Village of Howard
Barrick Goldstrike Mines, Inc.	Dow Chemical Co.	Kolano and Saha Engineers, Inc.	Qualcomm, Inc.	Virent Energy Systems, Inc.
Barry's Carpentry Service	DTE Energy	LHP Software	RailWorks	Voith Paper Fabric & Roll Systems, Inc.
BASF Corp.	Easy Ice	LiquidPiston, Inc.	River Valley Testing Corp.	W. S. Darely and Co.
Bemis Co.	Emerson Process Management	LMS North America	Robert Bosch, LLC	Walt Disney World
Benteler Tube Management GmbH	Fabrication Express	Marathon Petroleum Co, LP	Rockwell Automation, Inc.	We Energies
BioStat Solutions, Inc.	FEV, Inc.	Marvell Semiconductor, Inc.	Saturn Electronics & Engineering, Inc.	William Beaumont Hospital
Black & Veatch	GE Aviation	Material Sciences Corp.	SC Johnson, Inc.	Williams International
Boise, Inc.	GEI Consultants, Inc.	Mercury Marine	SCA Tissue North America, LLC	Yamaha Motor Corp.
BorgWarner, Inc.	Georgia-Pacific Corp.	Michigan Technological University	Schreiber Foods, Inc.	
Boss Snowplow, a Division of Northern Star Industries, Inc.	Grain Processing Corp.	Milk Specialties Global	Sico America, Inc.	
	Granger Construction Co.	Mining Resources, LLC	Soil and Materials Engineers, Inc.	
	Greenheck Fan Corp.	Mosaic Co.		

Co-op Assignments by Major

Major	Summer 2012					Fall 2012					Spring 2013				
	So	Jr	Sr	Grad	Total	So	Jr	Sr	Grad	Total	So	Jr	Sr	Grad	Total
Anthropology													1		1
Biochemistry and Molecular Biology							1			1		1			1
Biomedical Engineering								8		8	1	3	1		5
Chemical Engineering			2		2		8	16	1	25	1	9	9		19
Chemistry									1	1					
Civil Engineering			1		1		3	5		8	1		1		2
Computer Engineering							1	2	1	4		2	2	1	5
Computer Network and System Administration								1		1			1		1
Computer Science		1	1		2	1				1			2		2
Computer Systems Science			1		1			1		1			1		1
Construction Management		1			1										
Electrical Engineering			2	1	3		7	7	7	21	1	1	4	4	10
Environmental Engineering							1			1					
General Sciences and Arts						1				1					
Geological Engineering								1		1					
Geology				1	1										
Management											1				1
Marketing								1		1					
Materials Science and Engineering								1		1	1		2		3
Mathematical Sciences														2	2
Mathematics								1		1					
Mechanical Engineering	1		1	2	4	7	20	17	7	51	8	25	17	12	63
Mechanical Engineering Technology		1			1		3			3	1	1	2		4
Mechanical Engineering-Engineering Mechanics				1	1					2	2				
Scientific and Technical Communication								1		1					
Software Engineering								1		1					
Total	1	3	8	5	17	9	44	63	19	135	15	43	42	19	120

Summer Internships by Major*

Major	Number Reported	Major	Number Reported
Accounting	5	Finance, Management	1
Applied Ecology and Environmental Sciences	5	Forestry	4
Biochemistry and Molecular Biology	1	General Sciences and Arts	1
Biological Sciences	2	Geological Engineering	4
Biomedical Engineering	25	Geology	1
Business Administration	7	Industrial Archaeology	1
Chemical Engineering	84	Management	5
Cheminformatics	1	Management Information Systems	6
Chemistry	2	Marketing	5
Civil Engineering	87	Materials Science and Engineering	16
Clinical Laboratory Science	1	Mathematics	2
Communication, Culture, and Media	1	Mechanical Engineering	280
Computer Engineering	35	Mechanical Engineering Technology	16
Computer Network and System Administration	16	Mechanical Engineering-Engineering Mechanics	2
Computer Science	34	Medical Informatics	1
Computer Systems Science	2	Operations and Systems Management	5
Construction Management	5	Psychology	2
Electrical Engineering	88	Physics	1
Electrical Engineering Technology	6	Scientific and Technical Communication	4
Engineering	2	Software Engineering	6
Engineering Management	1	Sound Design	1
Environmental Engineering	20	Surveying Engineering	1
Exercise Science	4	Theatre and Entertainment Technology	1
Finance	1	Total	801

*Represents only partial listing as students are not required to report this information to Career Services.

Cooperative Education

Co-op Assignments by State

State	Summer 2012	Fall 2012	Spring 2013	Totals
Arkansas			1	1
California		5	1	6
Connecticut			1	1
Florida		1	2	3
Georgia		1		1
Illinois	1	7	4	12
Indiana		1	3	4
Kentucky		1	1	2
Maryland			1	1
Michigan	10	53	53	116
Minnesota	1	13	5	19
North Carolina	1	1	1	3
North Dakota		1		1
Nevada		2	1	3
Ohio		3	3	6
South Carolina		3		3
Texas	1	1		2
Utah			1	1
Washington		1		1
Wisconsin	3	41	42	86
Total	17	135	120	272

Co-op Benefits Beyond Salary

Reimbursement of co-op credit	Transportation expenses
Reimbursement of moving expenses	Living stipend
Housing stipend	All expenses paid
Company housing provided	Paid holidays

Companies Hiring International Co-ops

AG MicroSystems, Inc.	LiquidPiston, Inc.
ALLETE/Minnesota Power	LMS North America
ALSTOM Grid, Inc.	Marvell Semiconductor, Inc.
BioStat Solutions, Inc.	Material Sciences Corp.
Black & Veatch	Mercury Marine
BorgWarner, Inc.	Oakland University
Continental	Open Systems International, Inc.
Cummins, Inc.	Optimal Solutions
Delphi	Powertech Services, Inc.
FEV, Inc.	Qualcomm, Inc.
Greenheck Fan Corp.	SRS Pharmacy Systems
Harman International	Superior Pediatrics
Huron Castings, Inc.	TekWissen
Interpower Induction	Toresi, Inc.
Johnson Controls	Toyota Motor Engineering & Manufacturing NA, Inc.
Kohler Co.	Total—33
Kolano and Saha Engineers, Inc.	
LHP Software	

International Co-op Assignments by Major

Major	Summer 2012				Fall 2012				Spring 2013			
	Jr	Sr	Grad	Total	Jr	Sr	Grad	Total	Jr	Sr	Grad	Total
Chemistry							1	1				
Computer Engineering							1	1			1	1
Electrical Engineering			1	1	1	7	8		1	4	5	
Mathematical Sciences											2	2
Mechanical Engineering			2	2		8	8		1	12	13	
Mechanical Engineering-Engineering Mechanics						1	1					
Total			3	3	1	18	19		2	19	21	



Salary Information

Permanent Job Salary Survey

Major	Number of Offers	Average Salary	Low Salary	High Salary
Accounting	7	\$42,464	\$30,000	\$52,000
Applied Geophysics	2	\$60,000	\$50,000	\$70,000
Audio Production and Technology	2	\$26,400	\$20,800	\$32,000
Biochemistry and Molecular Biology—Chemistry focus	1	\$35,360	\$35,360	\$35,360
Bioinformatics	1	\$61,300	\$61,300	\$61,300
Biological Sciences	6	\$28,040	\$12,600	\$52,000
Biomedical Engineering	14	\$58,977	\$50,000	\$63,000
Business Administration	5	\$39,880	\$30,000	\$55,000
Chemical Engineering	46	\$65,153	\$48,000	\$83,000
Chemistry	3	\$34,267	\$28,800	\$39,000
Civil Engineering	61	\$47,944	\$20,800	\$67,000
Computer Engineering	24	\$61,100	\$35,000	\$87,360
Computer Network and System Administration	27	\$57,580	\$21,168	\$72,000
Computer Science	22	\$66,235	\$40,000	\$100,000
Computer Systems Science	4	\$59,000	\$45,000	\$69,000
Construction Management	4	\$48,090	\$35,360	\$65,000
Economics	6	\$36,067	\$24,000	\$60,000
Electrical Engineering	51	\$59,040	\$31,200	\$69,000
Electrical Engineering Technology	10	\$57,040	\$45,000	\$65,000
Engineering	5	\$61,200	\$56,000	\$65,000
Environmental Engineering	23	\$50,030	\$39,520	\$69,000
Exercise Science	5	\$33,392	\$16,640	\$60,000
Finance	6	\$43,600	\$20,000	\$61,500
Forestry	4	\$36,800	\$31,200	\$42,000
Geological Engineering	2	\$52,888	\$49,200	\$56,576
Industrial Technology	2	\$52,400	\$49,800	\$55,000
Management	2	\$27,480	\$24,960	\$30,000
Management Information Systems	12	\$59,372	\$42,000	\$67,000
Marketing	1	\$59,892	\$59,892	\$59,892
Materials Science and Engineering	23	\$60,763	\$53,000	\$68,000
Mathematics	6	\$35,101	\$18,720	\$60,000
Mechanical Engineering	167	\$60,321	\$37,440	\$85,000
Mechanical Engineering Technology	12	\$49,379	\$18,720	\$63,000
Operations and Systems Management	4	\$44,575	\$30,000	\$58,500
Physics	1	\$31,782	\$31,782	\$31,782
Psychology	2	\$34,500	\$27,000	\$42,000
Scientific and Technical Communication	5	\$40,338	\$35,360	\$50,000
Software Engineering	4	\$64,500	\$52,000	\$90,000
Sports and Fitness Management	1	\$43,680	\$43,680	\$43,680
Surveying Engineering	3	\$41,173	\$39,520	\$43,680

Companies Recruiting Students

3M Co.	Cliffs Natural Resources	H. B. Fuller	Miron Construction Co., Inc.	SCA
A&B Process Systems	CN	Harley-Davidson Motor Co.	MIT Lincoln Laboratory	Schlumberger
Aarrowcast, Inc.	Commonwealth Associates, Inc.	Harmon Incorporated	Mitsubishi Electric Automotive	Schneider National, Inc.
ABB (Asea Brown Boveri)	Cone Drive Operations, Inc.	HB Performance Systems, Inc.	America, Inc.	Schreiber Foods, Inc.
ACS Group	Conestoga, Rovers &	HDR	MOBIS North America	Schweitzer Engineering
ADM—Archer Daniels Midland	Associates, Inc.	HealthEdge Software, Inc.	Modine Manufacturing Co.	Laboratories
Advanced Blending Solutions	Construction Resources	Heartland Business Systems	Moline Machinery, LLC	Sensata Technologies
AECOM	Management	Helgesen	Mortenson Construction	Sentry Insurance
Aerotek Engineering	Consumers Energy	HGST, a Western Digital Co.	Mosaic Co.	Severstal Dearborn, LLC
Affiliated Engineers	Continental Automotive Systems	Hoffman Construction	MSA Professional Services	Short Elliott Hendrickson (SEH)
Ageatia Technology Consultancy	CONTROLTEC, LLC	Honeywell	MTEC SmartZone	Sloan Transportation
Services, Inc.	Cooper Industries	Hubbell Power Systems/MAU	MTS Systems Corp.	SNC Manufacturing Co., Inc.
Aisin Technical Center of	CRB Consulting Engineers	Humana	MyBuys, Inc.	Social Security Administration
America	CSX Transportation	Hydaker Wheatlake Co.	Nalco Co.	Soil and Materials Engineers, Inc.
Ajax Paving Industries, Inc.	CTI and Associates, Inc.	HydraForce, Inc.	NAVSEA Norfolk Naval Shipyard	Sony Creative Software
Alcoa	Cummins, Inc.	IAV Automotive Engineering	Neapco Drivelines, LLC	SONY Electronics
ALLETE/Minnesota Power	Curt G. Joa, Inc.	Indian Health Service	Neenah Paper, Inc.	Spalding DeDecker Associates,
Alliance Laundry Systems	Daifuku Webb	Ingredion Incorporated	Neff Engineering of WI	Inc.
American Axle & Manufacturing	Dashiell Corp.	Innotec	Nercon Eng. & Mfg., Inc.	Specialty Granules, Inc.
American Cast Iron Pipe Co.	Delta Controls Chicago, Inc.	Integrays Energy Group	NewPage Corp.	Spicer Group, Inc.
American Engineering Testing,	Dematic Corp.	Inteva Products	Nexteer Automotive	SPX Transformer Solutions
Inc.	DENSO International America	Intrepid Control Systems	Nissan North America	SRT Solutions
American Transmission Co.	DENSO Manufacturing Michigan	ITC Holdings Corp.	Norfolk Southern	Stainless Foundry & Engineering,
Amway Corp.	Inc. (DMMI)	Jackson	Northeast Technical Services	Inc.
Apache Corp.	Department of Defense	Jacobs	Northern Tier Energy	Stantec Consulting Services, Inc.
Appleton	Detroit Stoker Co.	John Deere	Novaspect, Inc.	State of Michigan
Appleton Marine, Inc.	DiPonio Contracting, Inc.	Johnson Controls	NSight/Cellcom	Strand Associates, Inc.
Applied Pavement Technology,	Disher Design and Development	Johnsonville Sausage, LLC	NTE	Surface Combustion, Inc.
Inc.	Dominion Resources, Inc.	Joy Global—Surface Mining	Nucor Steel	Systems Control, a Division of
Arbor Networks	Domtar Paper Co., LLC	JR Automation	Oldenburg Group Incorporated	Northern Star Industries, Inc.
ARCADIS	Donaldson Co.	JTEKT/Koyo	Olmsted Products Co.	Target Corp.
ArcelorMittal	The Dow Chemical Co.	K&M Machine Fabricating	Open Systems International	Tata Technologies
Ardisam, Inc.	Dow Corning Corp.	Karl Schmidt Kolbenschmidt	Orchard, Hiltz, & McCliment, Inc.	Tenneco
Auto-Owners Insurance Co.	dSPACE, Inc.	US, Inc.	Oshkosh Corp.	Terex Corp.
AVL North America	DTE Energy	Kautex Traxton	Osmose, Inc.	ThermoAnalytics, Inc.
Ayres Associates	DTS and Volt Workforce	Key Technical Solutions	P3 North America	The Timken Co.
Baker Concrete Construction,	Solutions	Kiewit Engineering Co.	Packaging Corp. of America	TKDA
Inc.	Eagle Alloy	Kiewit Infrastructure Co.	Paper Converting Machine Co.	Tower International
Barr Engineering Co.	Eaton Corp.	Kimberly-Clark Corp.	(PCM)	Toyota Technical Center
Barracuda Networks	Ecolab	KLJ	Parker Hannifin Corp.	TRC
BASF Corp.	EJ	Kohler Co.	Parsons Corp.	Trustwave
Bauer Controls	Electric Power Systems	Kondex Corp.	Patrick Engineering	TS Tech North America, Inc.
Becher-Hoppe Associates, Inc.	Electrical Consultants, Inc.	KPIT Cummins	Pentair	Twin City Fan Companies, Ltd.
Bechtel Corp.	Electro Motive Diesel	Lafarge	Performance Software	Tyco International
Behr America	Enbridge	Lasalletech	Permasteelisa	Ulteig
Belcan Engineering	Epic	LHP	Pettibone and Barko Hydraulics,	Unimin Corp.
Bemis Co.	Excel Engineering	Liberty Mutual Insurance	LLC	Union Pacific Railroad
BigMachines, Inc.	Exopack, LLC	Linamar	Phillips-Medisize Corp.	United States Peace Corps
Black & Veatch	FABCO Equipment, Inc.	Lithko Contracting, Inc.	Pieper Electric, Inc.	United States Steel
Black River Systems Co., Inc.	Fast Enterprises, LLC	LoanSifter	Plascore	University of Michigan
BNSF Railway	Faurecia North America	Loram	Plexus	USA Fire Protection
Boise, Inc.	FEV, Inc.	Los Alamos National Laboratory	Polaris Industries, Inc.	US Air Force
The Boldt Co.	Flextronics	Lotus Engineering, Inc.	Post Foods	US Army
BorgWarner Turbo Systems	Flint Hills Resources, LLC	Lubrizol/CPI Engineering	PPG Industries, Inc.	US Navy
Bosch	FM Global	M. A. Mortenson	Pratt & Whitney	US State Department
Boss Snowplow, a Division of	Ford Motor Co.	M. J. Electric, LLC	Precision Edge Surgical	USG Corp.
Northern Star Industries, Inc.	Foth Production Solutions, LLC	MacLean-Fogg Component	Products Co. LLC	Utility Lines Construction
Boston Scientific	Fredricks Design, Inc.	Solutions	Pridgeon & Clay	Services
Braun Intertec	Freepport-MoMoRan	Magna Seating	PROFIL System Incorporated	Utility Supply and Construction
Bremen Castings, Inc.	Copper & Gold	Magnetation LLC	Progressive Insurance	(USC)
Burton Industries, Inc.	Gardner Denver Thomas	MAHLE Industries, Inc.	QuadTech	Variation Reduction Solutions, Inc.
C.G. Bretting Manufacturing	Garmin International	The Manitowoc Co.	R. A. Smith National, Inc.	Verso Paper—Quinnesc Mill
Co., Inc.	GE Aviation	Marathon Petroleum Co., LP	RailWorks	Virent, Inc.
C3 Corp.	GE Energy	Marinette Marine Corp.	Realtime Utility Engineers, Inc.	Visteon Corp.
Cadillac Casting, Inc.	GE Healthcare	Market Technologies, Inc.	Revenue Management Solutions,	VP Total Solutions
Calsonic Kansei	GEI Consultants, Inc.	Marshfield Clinic	Inc.	Wacker Chemical Corp.
Cardinal Glass CG	General Motors Co.	Maryville Technologies	Rice Engineering, Inc.	Walbro
Carneuse Lime & Stone	Gentex Corp.	Mead & Hunt, Inc.	Rio Tinto	Walmart
Caterpillar, Inc.	Georgia-Pacific Corp.	Menard, Inc.	River Valley Testing Corp.	WAUSAU PAPER
CCI Systems	Gerdau	Meraki, Inc.	RJG, Inc.	Wausau Window and Wall
Century A&E	Golder Associates	Mercury Marine	Robinson Nevada Mining Co.	Systems
CertainTeed Ceilings	Grain Processing Corp.	Mesabi Nugget	Rockline Industries	Weir Minerals North America
CES Engineering (Computer &	Great Lakes Dredge & Dock Co.	MetalTek International	Roehl Transport, Inc.	Wells Fargo and Co.
Engineering Services)	Great Lakes Energy	Michigan Department of	ROWE Professional Services Co.	Winsert, Inc.
Charter Manufacturing	Grede, LLC	Transportation	RS&H CS	Wiss, Janney, Elstner
ChemDesign Products, Inc.	Greenheck Fan Corp.	Michigan Paving & Materials Co.	SAIC	Associates, Inc.
Chemtura Corp.	GRP Engineering, Inc.	Michigan State Police	Sapa North America	Wolverine Fire Protection Co.
The Christman Co.	GS Engineering	Michigan Technological University	SC Johnson	Wunderlich-Malec Engineering
Chrysler Group, LLC	Guardian Industries	MicroEdge		Zachry Construction Corp.
Cirrus Aircraft	H&T Waterbury, Inc.			

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