Career Services
Annual Report
2015-16
A Word from the Director

In her new book Grit, Dr. Angela Duckworth conducted research regarding what makes people successful. Her research found an individual’s success is not directly related to intellectual talent, commonly measured by IQ. Rather, people with a combination of passion, purpose, and persistence are more likely to be successful. These are people who found their passion or area of interest, identified their purpose or “the intention to contribute to the well-being of others,” and showed persistence by overcoming obstacles or setbacks—in personal and career pursuits.

These are people who develop grit.

Michigan Technological University graduates are known for grit. Challenging coursework. Collaborative problem solving. Cross-disciplinary teamwork through our Enterprise Program. Exploratory, hands-on learning. And our dynamic climate. These things foster grit in each of our Huskies.

Michigan Tech’s Career Services team works with faculty and staff across campus to develop a career culture. To foster this culture, we encourage career exploration, teach students to identify career-relevant experiences in and out of the classroom, and engage students with specialized programming to develop career competencies—leading to personal and professional success.

This annual report shares the story of these collaborations, highlights the uniqueness of a student’s experience in our career culture, and documents how industry and higher education partners value our contribution. This is the story of our students’ experience and their collegiate journey developing grit!
Career Readiness Defined

In December 2014, the National Association of Colleges and Employers (NACE) assembled a task force of college career services experts and HR/staffing professionals to define career readiness for today’s graduating college students. Through this research, NACE identified seven essential competencies associated with the hiring process and a successful transition from college to the workplace. The development and demonstration of these requisites is the focus of Michigan Tech’s Career Services programming. Our goal is to produce skilled graduates that jump on board and contribute to their respective organizations immediately.

**Critical Thinking/Problem Solving**
Exercise sound reasoning to analyze issues, make decisions, and overcome problems. The individual is able to obtain, interpret, and use knowledge, facts, and data in this process, and may demonstrate originality and inventiveness.

**Oral/Written Communications**
Articulate thoughts and ideas clearly and effectively in written and oral forms to people inside and outside of the organization. The individual has public speaking skills, is able to express ideas to others, and can write/edit memos, letters, and complex technical reports clearly and effectively.

**Teamwork/Collaboration**
Build collaborative relationships with colleagues and customers representing diverse cultures, races, ages, genders, religions, lifestyles, and viewpoints. The individual is able to work within a team structure and can negotiate and manage conflict.

**Information Technology**
Select and use appropriate technology to accomplish a given task. The individual is also able to apply computing skills to solve problems.

**Leadership**
Leverage the strengths of others to achieve common goals, and use interpersonal skills to coach and develop others. The individual is able to assess and manage his/her emotions and those of others, use empathetic skills to guide and motivate, and organize, prioritize, and delegate work.

**Professionalism/Work Ethic**
Demonstrate personal accountability and effective work habits (punctuality, working productively with others, and time workload management), and understand the impact of non-verbal communication on professional work image. The individual demonstrates integrity and ethical behavior, acts responsibly with the interests of the larger community in mind, and is able to learn from his/her mistakes.

**Career Management**
Identify and articulate one’s skills, strengths, knowledge, and experiences relevant to the position desired and career goals, and identify areas necessary for professional growth. The individual is able to navigate and explore job options, understands and can take the steps necessary to pursue opportunities, and understands how to self-advocate for opportunities in the workplace.
Our Mission

Michigan Tech Career Services works with the campus community to provide students and alumni with career development skills, experiential learning, and connections that prepare them to develop their career opportunities and future professional network.
This flowchart serves as a student’s road map to career competence and success! Developing career competencies is a process that cannot be achieved in a single course or semester-long engagement. From the day they set foot on campus, students engage in the competency development process. This process involves vigilance; reflection; attaining new knowledge, skills, and abilities; and articulating one’s value.
You
Your Dream Career

PAY ATTENTION
DEVELOP SKILLS
COMPANIES WANT TO BUILD YOUR TOOLBOX WITH HELP FROM CAREER SERVICES

Personal Introduction
Strong Résumé
Interview Skills
Cover Letters
Emails From CareerFEST
HuskyJOBS
Campus Involvement
Teamwork
Leadership
Communication
Experiential Learning

Experiential Learning
Campus Experience
- Enterprise
- Senior Design
- Class Projects
- Research
- Industry Days

Industry or Related Experience
- Internship
- Co-op
- Shadow

Career Services Website mtu.edu/career

- Career Services
- Your department
- Student organizations
- Career Fair companies
- Company info sessions
- Career Services calendar of events
- Industry Days
- Résumé Blitz
- Mock Interviews
- Find jobs (industry, campus, community)
- Your department
- Student organizations
- Student organizations
- Greek Life
- Intramurals
- Enterprise
- Class projects
- Student organizations
- Pavlis Honors College
- Student government
- Student organizations
- Class projects
- Interpersonal
- Written
- Enthusiastic handshake
- Friendly eye contact
- Your story
- “No Selling—Just Telling”
- Provide evidence of your skills and experiences
- Clear, concise, compelling format
- Prepare stories about your experiences
- Research the company
- Follow up with a thank you
- Make it personal
- Connect with company, role, or representative
- Your networking initiative

mtu.edu/career

RE SUCCESS
Career Culture

We create a career culture that inspires students to begin their education with the end in mind. Prospective and first-year students immerse themselves into this career culture from day one. Through our programming, Huskies explore career options and develop career competencies.

Open House

During this Admissions event held every fall, prospective students meet with Career Services professionals, and current students who participated in internships or co-ops. It’s a chance to highlight experiential learning opportunities and the value of a career-focused education.

Career Blitz

The Friday before the first day of classes, Career Services offers four, 30-minute presentations to help students prepare for CareerFEST and Career Fair. After the presentations, students apply what they learned by interacting with local company representatives and recruiters in an informal environment.

Career Services’ Annual Report shows prospective students and their families we walk the walk when it comes to outcomes. This really sets us apart from other universities. It backs up our claims that students can—and do—get amazing, practical experiences while at Michigan Tech.

The student videos add weight and credibility to the stories we are already telling. They’re powerful. It shows exactly why it’s worth it to become a Husky.

Lauren Flanagan
Regional Admissions Manager
Based in Metro Detroit
Dear Joseph and Family,

You are in the middle of a critically important decision about where to attend college. While none of us know what the future will bring, we do know what will be in demand—college graduates with the knowledge of science and math, communication, and critical-thinking skills that will enable them to solve problems faced by people around the world.

Michigan Tech provides opportunity for you to put your knowledge into practice. Out students are in demand because employers recognize the value of a Michigan Tech education. In 2013, more than 370 employers attended our Career Fair, where over 1,300 recruiters conducted more than 4,000 interviews over two days.

Enclosed you will find a copy of our Career Services Annual Report for the most recent reporting year (2013–2014). In it, you will find statistics that are as impressive as you are.

• A 96 percent undergraduate placement rate, based on student-reported data—which includes graduates who are employed within their field of study, commissioned as officers in the military, or enrolled in graduate school within six months of graduation.
• Student co-op experiences available in 29 states across the U.S., with average hourly co-op salaries of over $19 per hour.
• Graduates begin their careers with an average starting salary of $61,600 as reported by Payscale.com—nearly seven times higher in the salary among public universities.
• The net return on investment of a Michigan Tech education is $661,700.

In addition, Michigan Tech provides students with value not seen in rankings and reports.

• You’ll have a residential college experience (most students have a 6-10 hour drive to get to campus), which allows you to grow as you gain independence and expand your problem-solving abilities.
• You’ll be a member of a student community unlike any other—Michigan Tech students are more collaborative than competitive—they help each other, watch out for each other, and consider themselves part of a second family.
• We are proud to be the safest college in Michigan and one of the safest in the country.

Many question whether a college education is worth the price. For those who choose to attend Michigan Tech, I believe the answer is clearly, “yes!” I invite you to join us as we work together to create the future.

Sincerely,

Glenn D. Mroz
President

P.S. Experience Michigan Tech for yourself—plan a campus visit this spring or join us at Preview Day on March 19. Learn more at www.mtu.edu/previewday.
Career-A-Palooza
Companies attending Fall Career Fair come to campus a day early to enjoy a casual cookout with students at Career-A-Palooza. Between classes, students can eat with employers and network in this relaxed, outdoor environment. “You really get to know company reps, and it’s a nice way to ease into Career Week.” Melissa Smith, third-year chemical engineering student.

Résumé Blitz
Résumé Blitz gives students the opportunity to review their résumé with industry and community professionals, faculty, and staff. During this informal walk-up event, students receive 15 minutes of valuable advice and guidance to help strengthen their résumé before Career Fair. Résumé Blitz is a Career Services tradition at Michigan Tech, and has grown into a three-day event.

460 companies attended CareerFEST
Stop. Eat. Learn. Come to the CareerFEST tent.

Career Services hosts CareerFEST, a full month of career exploration and networking opportunities, to help students prepare for Fall and Spring Career Fair. Nearly 3,000 students participated during CareerFEST in September 2016. They took part in career development events like Résumé Blitz, RU Ready, and mock interviews. They also participated in networking events including Career-A-Palooza, PCA Student Success Days, and Industry Days. CareerFEST invites students to come to the tent at the heart of campus and connect with company reps in a casual environment. It’s a chance to ask questions, discover options, and demonstrate competencies.

RU Ready?
Career Services mobilizes its services and staff in the center of campus for RU Ready, a one-stop advising shop where students receive tips and strategies to prepare for Career Fair. From a quick résumé review to interview skills advice, industry professionals and Career Services staff help students gauge their readiness. Students also sign-up for mock interviews and additional advising.

Mock Interviews
Students schedule mock interview appointments with industry professionals and faculty to prepare for the Career Fair. The interviewer spends about 30 minutes asking questions and 15 minutes providing feedback. More than 80 mock interviews with corporate reps took place.

CareerFEST 2016: www.youtube.com/MTUcareer
Industry Days

Industry Days are fun, informal, interactive events where students can learn about industries, companies, and job positions. Company reps bring materials, technologies, and information to campus to inspire and educate students. Industry Days provide career exploration so students can discover career options and make informed decisions regarding their future.

Aerospace Day

Railroad Day

Medical Careers Week

Energy Day

In partnership with the Society for Petroleum Engineers, Energy Day welcomed 13 companies to campus. Students engaged with employers representing oil, gas, electricity, and alternative energies, all eager to promote their business and opportunities.

“It’s helpful to talk to people and find out what they’re looking for.”

Peter Zhu
Business Careers Day and Automotive Day Attendee

Steel Day

Aflac • Alliance Laundry Systems • Alcoa • American Bridge • American Transmission Co. • Amway • ArcelorMittal • ATC • Besser • Bobcat • Boller • Bosch Engineering Group • Boston Scientific • Caterpillar • CEC Controls • Charter Steel • Cliffs • CMS Energy • CN • Cooper Standard • Cummins • Detroit Stoker Co. • Dow Chemical • DTE Energy • Epitec • Faurecia • Fiat Chrysler Automobiles • Harman • HDR Inc. • Industrial Controls • ITC • Kimberly-Clark • Kingscott • Leidos • MacLean-Fogg • Marathon Petroleum • Marine Corps • Mead & Hunt • Medtronic • Meridian • Meritor • Miller Electric • MISO • Milwaukee Tool • Mortenson • SME • Smith & Nephew • Superior National Bank • SSAB • Steel Dynamics Inc. • Systems Control • Walmart • Whirlpool • WEC • Wolverine • Yanfeng • 3M
Automotive Day
Showcasing their latest and greatest technologies, automotive industry leaders like Cooper Standard, Fiat Chrysler Automobiles, Nexteer Automotive, Cummins, Ford Motor Company, General Motors, Oshkosh Corporation, and ArcelorMittal hit campus to spotlight their companies and talk about job opportunities. Students had access to an engine tear-down, the world’s most advanced tactical vehicle, and an electric-steering go-kart they could even test drive!
Opportunity Bowl
Hundreds of recruiters and our crazy smart students attend this event. Showcasing careers in engineering, health, business, technology, humanities, environmental studies, social sciences, and more, Huskies vie for co-ops, internships, and full-time jobs. Twice a year, Career Fair is where our students take center field.

Career Fair Organization Participation

My game plan is to hit up companies I’ve talked to before, and then talk to companies most important to me. Prioritize, more than anything.

Aubrey Ficek
Environmental Engineering
Senior & Student-Athlete

CareerFEST 2016: YouTube.com/MTUcareer
Recruiters stick around after the Fair for food, refreshments, and networking with industry peers.

Allie Irwin ’89
Alumna and author of The Science of Body Language, Irwin gave a humorous, science-based discussion on effective communication strategies.

2,000 corporate recruiters register annually for Career Fair

6,100 on-campus corporate interviews scheduled with students

3,500 students attend Fall 2016 Career Fair

70% of Career Fair recruiters were alumni
Career Competency Development

Career Development courses build on each other, but students can begin at anytime in their college career. Courses include:

- Foundational Career Development
- Strategic Career Development
- Professional Development for College to Professional

For first-year students, the foundational course is an introduction to career development and planning. The strategic course, designed for second- and third-year students, is more intensive and focused on long-term aims and interests. And the professional development course prepares students to enter the workforce. Learning outcomes revolve around National Association of Colleges and Employees (NACE) Career Competencies and University learning goals.

50+ in-class and group presentations by Career Services in 2016

DTE Learning Center
Available through scheduled appointments or walk-ins, students meet with highly trained undergraduate- and graduate-level peer coaches to receive job search guidance and practical advice.
Graduating Senior Series
This five-part series was developed with experts across campus to help graduating seniors prepare for their career. Partners include Michigan Tech’s Benefits Department, Office of Financial Aid, Center for Diversity and Inclusion, and Institutional Equity, and Brent Peterson, alumnus and financial advisor.

Part 1 | Navigating the Workplace Climate
Part 2 | Handling Personal Finances
Part 3 | Managing your Student Loans
Part 4 | Understanding Company Benefits
Part 5 | Now What? Life after College

HuskyTALKS
New this year, HuskyTALKS are short lunch-and-learn presentations with information, advice, and strategies for career and professional development. Topics included: Developing your LinkedIn strategy; following up with companies after the Career Fair; writing an impactful cover letter; and how to succeed in your co-op.

Career PLUS
This specialized program was created with Student Disabilities Services at Michigan Tech. Its mission is to provide students needing extra support and students on the autism spectrum with individualized career development training and advice. The program includes weekly small group meetings, goal setting, job search strategies, and application assistance.

“ It’s a pleasure to work with my colleagues in Career Services. Their willingness and ability to partner with Student Disability Services opened groundbreaking opportunities. Career Services works with students on the spectrum, preparing them for the transition from college to work while allowing them to learn more about group interactions and interpersonal communication. This program may serve as a model for other initiatives, which are increasingly in demand.”

Christy Oslund, PhD
Coordinator, Student Disability Services
Corporate Involvement

The Corporate Advisory Board (CAB) is 40+ companies who invest their time, expertise, and financial support to ensure Michigan Tech students are career-ready. CAB collaborates with Career Services to develop engaging, purposeful programs introducing students to industries, corporate cultures, and the world of work. They build deliberate relationships with students; provide co-ops, internships, and full-time jobs; and grow their talent pipelines. CAB also provides feedback to help shape career development programming and advising.

With the continued support of our Corporate Advisory Board, Michigan Tech students develop the competencies and skills that translate into a successful life.

More than 75 companies visited campus during Industry Days.

Michigan Tech

Campus Recruiting Benefits

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Copper</th>
<th>Silver</th>
<th>Gold</th>
<th>Platinum</th>
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<tr>
<td>Corporate Advisory Board (CAB) membership</td>
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<tr>
<td>Logo on Career Fair literature</td>
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<tr>
<td>Promotion in Career Services (C2C) Guidebook</td>
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<td>Company Name</td>
<td>Company Logo</td>
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<tr>
<td>Preferred participant status for Career Services events</td>
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<td>1/4 page Alumni profile</td>
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Employer Branding/Visibility Benefits

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<td>Logo on Career Services promotional materials across campus</td>
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<td>Digital promotion using campus-wide systems</td>
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<tr>
<td>Annual employer branding benefit</td>
<td>Interview Suite or Campus eDisplay</td>
<td>Interview Suite and Campus eDisplay</td>
<td>Interview Suite and Campus eDisplay</td>
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<tr>
<td>Hockey skybox—entertain 25 people at the game of your choice</td>
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<tr>
<td>CareerFEST tent</td>
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<tr>
<td>Logo displayed on Career Fair lanyard</td>
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</table>

For more information on our Corporate Partner Program, please visit: mtu.edu/career/employers/partner/benefits
Gold Partners

Silver Partners

Copper Partners

3M
Bemis
Caterpillar
Cone Drive Operations
Continental
Control-Tec
Cooper Standard
Cummins
Dematic
DENSO
Faurecia
Fiat Chrysler
Automobiles (FCA)
General Motors
Gentex Corporation
Gerdau
Harman
Kimberly-Clark
MacLean-Fogg
Marathon Petroleum
Mercury Marine
Oshkosh Corporation
Plexus
Target
Thrivent Financial
Visteon
Yangfeng Global
Automotive Interiors

CAB members share interview advice with students via YouTube.

Subscribe to our YouTube channel at YouTube.com/MTUCareer

Dave Walter ’80, from Dow Chemical, reviews a student résumé—263 Huskies participated in Résumé Blitz fall 2016.
Co-op to Career

Co-ops, a cooperative employment opportunity, and internships allow students to take their knowledge and career for a test run. This type of experiential learning is a valuable strategy for career exploration and skill development. It may also provide financial support. Corporate recruiters recognize the value of industry experience, often moving résumés with co-op and internship experience to the top of the pile.

### Average Hourly Co-op Salaries

<table>
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<tr>
<th>Major</th>
<th>FR</th>
<th>SO</th>
<th>JR</th>
<th>SR</th>
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### Co-op Assignments by Major

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<th>Major</th>
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<th>Fall 2015</th>
<th>Spring 2016</th>
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<td>Civil Engineering</td>
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<tr>
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<tr>
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<td>3</td>
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<tr>
<td>Construction Management</td>
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<tr>
<td>Electrical Engineering</td>
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<tr>
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<tr>
<td>Engineering Management</td>
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<td>2</td>
<td></td>
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<tr>
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<tr>
<td>English</td>
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<td>Environmental &amp; Energy Policy</td>
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<td>Management</td>
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<tr>
<td>Master of Engineering</td>
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<tr>
<td>Materials Science &amp; Engineering</td>
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<td>4</td>
<td>3</td>
<td>11</td>
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<td>Mathematical Sciences</td>
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<tr>
<td>Mathematics</td>
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<td>Mechanical Engineering</td>
<td>77</td>
<td>66</td>
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<td>168</td>
</tr>
<tr>
<td>Mechanical Engineering-Engineering Mechanics</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>9</td>
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<tr>
<td>Medical Informatics</td>
<td>1</td>
<td>1</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>Software Engineering</td>
<td>1</td>
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<td>2</td>
</tr>
<tr>
<td>Total</td>
<td>187</td>
<td>179</td>
<td>55</td>
<td>421</td>
</tr>
</tbody>
</table>
If words can't express how proud I am to be working for CAT . . . maybe this picture will help. I'm blown away by something new every day . . . whether it be the people I meet, the dealers, customers, or the products themselves. This summer has been a heck of a blessing!

Erin Murdoch
Alumna

Top 10 companies employing Michigan Tech Co-ops:
• KOHLER • Cummins
• Soil & Material Engineers, SME
• Kimberly-Clark • Tenneco
• Mercury Marine • BOSS Snowplow
• Dow Chemical
• River Valley Testing Corp.
• Packaging Corporation of America

NUMBER OF CO-OP PLACEMENTS BY STATE

<table>
<thead>
<tr>
<th>State</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>2</td>
</tr>
<tr>
<td>California</td>
<td>12</td>
</tr>
<tr>
<td>Florida</td>
<td>2</td>
</tr>
<tr>
<td>Illinois</td>
<td>9</td>
</tr>
<tr>
<td>Indiana</td>
<td>10</td>
</tr>
<tr>
<td>Iowa</td>
<td>4</td>
</tr>
<tr>
<td>Kentucky</td>
<td>5</td>
</tr>
<tr>
<td>Louisiana</td>
<td>1</td>
</tr>
<tr>
<td>Maryland</td>
<td>3</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>6</td>
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<tr>
<td>Michigan</td>
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<td>Minnesota</td>
<td>20</td>
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<tr>
<td>Mississippi</td>
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<tr>
<td>North Dakota</td>
<td>13</td>
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<td>New Jersey</td>
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<tr>
<td>New York</td>
<td>4</td>
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<tr>
<td>Ohio</td>
<td>7</td>
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<tr>
<td>Oregon</td>
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<tr>
<td>Pennsylvania</td>
<td>5</td>
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<tr>
<td>Tennessee</td>
<td>5</td>
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<tr>
<td>Texas</td>
<td>5</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>148</td>
</tr>
</tbody>
</table>

If you're a Michigan Tech student, check out CareerFEST 2016: MTUcareer
Undergraduate Placement

Our graduates are employed in 32 of the 50 states and internationally.

Employment by Location

<table>
<thead>
<tr>
<th>REGION</th>
<th>EMPLOYED</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>15</td>
<td>2.55</td>
</tr>
<tr>
<td>Mid-Atlantic</td>
<td>11</td>
<td>1.87</td>
</tr>
<tr>
<td>Midwest</td>
<td>499</td>
<td>84.72</td>
</tr>
<tr>
<td>South</td>
<td>23</td>
<td>3.9</td>
</tr>
<tr>
<td>Southwest</td>
<td>14</td>
<td>2.38</td>
</tr>
<tr>
<td>West</td>
<td>27</td>
<td>4.58</td>
</tr>
</tbody>
</table>

*Knowledge Rate defines the percent of graduates for which the institution has reasonable and verifiable information.*

-NACE 2017

Graduate Schools Attended

Central Michigan University
Eastern Michigan University
Iowa State University
Lawrence Technological University
Mayo School of Health Sciences
Michigan State University
Michigan Technological University
New York University
Northern Michigan University
Northwestern University
Purdue University
San Diego State University
The Chicago School of Professional Psychology
University of California San Diego
University of Maryland
University of Michigan
University of Minnesota Twin Cities
University of Missouri
University of Nebraska–Lincoln
University of Southern Mississippi
University of Washington
University of West Florida
Virginia Tech
Wayne State University
## Employment by Industry

### Undergraduate Placement

<table>
<thead>
<tr>
<th>Department</th>
<th>Knowledge Rate</th>
<th>Placement Rate</th>
<th>Average Salary</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences</td>
<td>66.60%</td>
<td>94.11%</td>
<td>$59,953.40</td>
<td>$62,000.00</td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>55.00%</td>
<td>90.00%</td>
<td>$36,688.69</td>
<td>$38,000.00</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>87.23%</td>
<td>93.62%</td>
<td>$61,044.82</td>
<td>$60,500.00</td>
</tr>
<tr>
<td>Chemistry</td>
<td>76.24%</td>
<td>92.08%</td>
<td>$65,224.09</td>
<td>$66,500.00</td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
<td>58.82%</td>
<td>100.00%</td>
<td>$50,673.60</td>
<td>$51,272.00</td>
</tr>
<tr>
<td>Cognitive &amp; Learning Sciences</td>
<td>44.44%</td>
<td>92.59%</td>
<td>$54,525.07</td>
<td>$52,750.00</td>
</tr>
<tr>
<td>Computer Science</td>
<td>75.00%</td>
<td>96.67%</td>
<td>$78,333.33</td>
<td>$71,000.00</td>
</tr>
<tr>
<td>Electrical &amp; Computer Engineering</td>
<td>58.42%</td>
<td>99.01%</td>
<td>$65,951.47</td>
<td>$65,000.00</td>
</tr>
<tr>
<td>Geological &amp; Mining Eng. &amp; Sciences</td>
<td>71.43%</td>
<td>85.71%</td>
<td>$57,501.50</td>
<td>$57,501.50</td>
</tr>
<tr>
<td>Humanities</td>
<td>63.16%</td>
<td>78.95%</td>
<td>$42,400.00</td>
<td>$44,000.00</td>
</tr>
<tr>
<td>Kinesiology/Integrative Physiology</td>
<td>34.62%</td>
<td>96.15%</td>
<td>$24,000.00</td>
<td>$24,000.00</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>92.59%</td>
<td>100.00%</td>
<td>$62,029.20</td>
<td>$61,250.00</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>40.00%</td>
<td>100.00%</td>
<td>$53,666.67</td>
<td>$52,000.00</td>
</tr>
<tr>
<td>Mechanical Eng.-Eng. Mechanics</td>
<td>66.26%</td>
<td>96.30%</td>
<td>$63,894.78</td>
<td>$65,000.00</td>
</tr>
<tr>
<td>Physics</td>
<td>12.50%</td>
<td>100.00%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>School of Forest Resources &amp; Env. Sci.</td>
<td>51.61%</td>
<td>90.32%</td>
<td>$39,813.33</td>
<td>$35,360.00</td>
</tr>
<tr>
<td>School of Business &amp; Economics</td>
<td>72.00%</td>
<td>96.00%</td>
<td>$52,834.09</td>
<td>$58,000.00</td>
</tr>
<tr>
<td>School of Technology</td>
<td>70.59%</td>
<td>96.08%</td>
<td>$50,827.40</td>
<td>$53,000.00</td>
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<tr>
<td>Social Sciences</td>
<td>42.86%</td>
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<tr>
<td>Visual &amp; Performing Arts</td>
<td>50.00%</td>
<td>93.75%</td>
<td>$43,506.67</td>
<td>$39,520.00</td>
</tr>
</tbody>
</table>

*Some departments have cohorts too small to allow reporting due to FERPA regulations.*
## Graduate Placement

<table>
<thead>
<tr>
<th>Department</th>
<th>Knowledge Rate*</th>
<th>Placement Rate</th>
<th>Average Salary</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences</td>
<td>87.55%</td>
<td>91.97%</td>
<td>$63,195.54</td>
<td>$65,000.00</td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>62.50%</td>
<td>100.00%</td>
<td>$36,525.00</td>
<td>$36,525.00</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>81.25%</td>
<td>93.75%</td>
<td>$39,923.00</td>
<td>$40,500.00</td>
</tr>
<tr>
<td>Chemistry</td>
<td>75.00%</td>
<td>91.67%</td>
<td>$51,640.00</td>
<td>$51,640.00</td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
<td>88.89%</td>
<td>88.89%</td>
<td>$48,500.00</td>
<td>$48,500.00</td>
</tr>
<tr>
<td>Cognitive &amp; Learning Sciences</td>
<td>96.23%</td>
<td>94.34%</td>
<td>$57,003.20</td>
<td>$58,500.00</td>
</tr>
<tr>
<td>College of Engineering</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$72,750.00</td>
<td>$72,750.00</td>
</tr>
<tr>
<td>Computer Science</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$68,640.00</td>
<td>$68,640.00</td>
</tr>
<tr>
<td>Electrical &amp; Computer Engineering</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$60,000.00</td>
<td>$60,000.00</td>
</tr>
<tr>
<td>Geological &amp; Mining Eng. &amp; Sciences</td>
<td>83.33%</td>
<td>100.00%</td>
<td>$58,100.00</td>
<td>$58,100.00</td>
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<tr>
<td>Humanities</td>
<td>91.67%</td>
<td>100.00%</td>
<td>$73,600.00</td>
<td>$73,600.00</td>
</tr>
<tr>
<td>Kinesiology/Integrative Physiology</td>
<td>83.33%</td>
<td>100.00%</td>
<td>$25,958.40</td>
<td>$25,958.40</td>
</tr>
<tr>
<td>Materials Science &amp; Engineering</td>
<td>85.71%</td>
<td>100.00%</td>
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<td>-</td>
</tr>
<tr>
<td>Mathematical Sciences</td>
<td>95.00%</td>
<td>95.00%</td>
<td>$60,560.00</td>
<td>$60,560.00</td>
</tr>
<tr>
<td>Mechanical Eng.-Eng. Mechanics</td>
<td>94.64%</td>
<td>90.18%</td>
<td>$73,600.00</td>
<td>$73,920.00</td>
</tr>
<tr>
<td>Physics</td>
<td>100.00%</td>
<td>83.33%</td>
<td>$35,000.00</td>
<td>$35,000.00</td>
</tr>
<tr>
<td>School of Forest Resources &amp; Env. Sci.</td>
<td>80.77%</td>
<td>92.31%</td>
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<td>$31,200.00</td>
</tr>
<tr>
<td>School of Business &amp; Economics</td>
<td>96.30%</td>
<td>92.59%</td>
<td>$43,415.00</td>
<td>$38,980.00</td>
</tr>
<tr>
<td>School of Technology</td>
<td>100.00%</td>
<td>100.00%</td>
<td>$27,040.00</td>
<td>$27,040.00</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>75.00%</td>
<td>100.00%</td>
<td>$110,000.00</td>
<td>$110,000.00</td>
</tr>
</tbody>
</table>

*Knowledge Rate defines the percent of graduates for which the institution has reasonable and verifiable information.

- NACE 2017

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**92%**

Total placement rate for graduate students
Postgraduate Schools Attended

- Concordia University of Wisconsin
- Georgia Institute of Technology
- Grand Valley State University
- Harvard University
- Indiana University
- Johns Hopkins University
- Michigan State University
- Michigan Technological University
- Southern Illinois University
- SP Jain Institute of Management & Research
- Tennessee Technological University
- University of Alaska–Fairbanks
- University of British Columbia
- University of Canterbury
- University of Finland
- University of Glasgow
- University of Minnesota Duluth
- University of Notre Dame
- University of Texas–El Paso
- University of Texas–Austin
- University of Washington

Employment by Location

<table>
<thead>
<tr>
<th>REGION</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northeast</td>
<td>5.77</td>
</tr>
<tr>
<td>Mid-Atlantic</td>
<td>5.77</td>
</tr>
<tr>
<td>Midwest</td>
<td>73.08</td>
</tr>
<tr>
<td>South</td>
<td>3.85</td>
</tr>
<tr>
<td>Southwest</td>
<td>3.85</td>
</tr>
<tr>
<td>West</td>
<td>7.69</td>
</tr>
<tr>
<td>No placements</td>
<td></td>
</tr>
</tbody>
</table>
International Student Experience

Diversity and culture is celebrated at Michigan Tech. Representing more than 60 countries and six continents, our international student population creates a global village of ideas, experiences, and associations. Drawn to our safe campus and academic programs, international students engage in hands-on projects, campus events, student activities, and a global community. Committed to student success and learning, International Programs and Services at Michigan Tech supports students studying outside of their home country. International student organizations on campus offer emotional, cultural, and academic assistance to their members. From Parade of Nations to International Student Ski Day, cultures unite to create the Michigan Tech experience—for every Husky.

1,063 international students enrolled (fall 2016)

“The work is challenging and reflects theoretical knowledge in a practical manner. Interactions with industry professionals, and learning the industry standards, helped me prepare for work across the globe.”

Harsh Gaurang Vashi
Electrical and Computer Engineering Graduate Student

These companies hired international students for co-op in 2016:

Acer Data Labs Inc.
Aerotek
Amphenol Thermometric Inc.
Analog Devices Inc.
Applied Dynamics Int'l Inc.
Aramco Services Co.
Argonne National Laboratory
Asset Class Technologies LLC
Bartech
Benteler Automotive Corp.
Bismarck State College
Brewer Science Inc.
Capital Development Board
Fiat Chrysler Corporation
Cornelius Inc.
Credit Suisse
CTC Engineering Inc.
Cummins Inc.
Dematic Corporation
DGE Inc.
DTE Energy
EASI
Electro-Motive Diesel Inc.
Entergy
Evergreen Technology
Facebook
FEV Inc.
Fusion Soft Group Inc.
Ghafari Associates Inc.
Global Automation Technologies
Guidant Group
Halla Visteon Climate
HLA Engineers Inc.
Hoffman Brothers Inc.
Humana Inc.
Huron Casting Inc.
IAV Automotive Engineering
IBM
Indepth Engineering Solutions
Intrepid Control Systems
Johnson Controls
Kohler Co.
KS Kolbenschmidt US Inc.
LG Chem Power Inc.
Live Ramp
Loram Maintenance of Way Inc.
MacLean-Fogg Component Solution
Magna Steyr Battery Systems
MathWorks Inc.
Mercury Marine
Michigan Tech
Midcontinent Independent System
Miller Electric Manufacturing
Mindiance
Motor City Electric Co.
Munroe & Associates
New York Air Brake
Optimal CAE Inc.
Plastic Flow LLC
PRO Unlimited
Rapid Global Business Solution
Ricardo Inc.
Ricondo & Associates
Schweitzer Engineering Labor
SME
Spicer Group
SSAB Iowa Inc.
SunSoft Technologies Inc.
Systems Control
Tata Power Company Limited
Tech 4
Tesla Motors
Toyota Technical Center
Trialon
University of Michigan–Transportation Research
University of Illinois–Chicago
Valeo
Volvo Construction Equipment
Wabtec Railway Electronics
Walbro Corp.
This is where our international students come from.
Corporate Recruitment

Remote location. Small, regional airport. Record-breaking snowfall. Each semester, hundreds of recruiters make their way to Michigan Tech to recruit our crazy smart students.

Companies Recruiting Michigan Tech Students:

24G, LLC     3M     A. Lindberg and Sons     A. Roche
Accurate Technologies Inc.     Acer Data Labs Inc.     Aclara
Adamo Group     ADD Software     Adico LLC
Advanced Barrier Extrusions     AECOM     Aerotek
AK Steel Mansfield Works     Algerian Group     Alico
Alliance Laundry Systems     Altair Engineering     AMCO
Altec HiLine     Amazon     ambiente s.c.
Alterra Engineering Systems Inc.     ALTOP     Amtec
Amphenol Thermometrics Inc.     Amtrak     Amway
Analog Devices Inc.     Anchor Bay School District     Apache Corp.
Apple     Apex Systems     Appleton Coated LLC
Appleton Marine Inc.     Applied Dynamics Int’l Inc.
Applied Thermoelectic Solutions     Apprise
Appvion     Aristocrat     Armor In
Arkadia     Argo IP
Aspen Systems     ASAP Rocky
Astra ASIP Inc.     Auto-Owners Insurance Company
AVL Test Systems     Avon Automotive
Avnet Inc.     Axalta Coating Systems
AZO Construction Inc.     Babcock & Wilcox
Baker Concrete Construction     Barko Hydraulics/Pettibone-
Traverse Lift LLC     Barr Engineering Company
Barracuda Networks Inc.     Barry Conservation District
Bartech     Barton Malow Company
BAF     Bay de Noc Community College
Bayley Scott & White Health Care System
BCI Burke Company LLC     Beaumont Health System
Beech Analytics Technology
Belcan Engineering
Belmark Inc.
Bemis Company
Benteler Automotive Corp.     Beser Company
Best Buy     BETCA CAE Systems USA Inc.
Betta Fueling Systems     BioMarin Pharmaceutical Inc.
Birmingham Blue Dophins
Bismark State College
Black & Veatch
Black River Systems Co. Inc.
Bloomberg LLC     Blue Cross Blue Shield of Michigan
BNSF Railway     Bobcat
Boeing     Boise Cascade
Bonneville Power Administration
BorgWarner
Bosch North America
BOSS Snowplow
Boston Scientific
Brewe Science Inc.
BridgeWater Interiors
BRP US Inc.
Brunswick Boat Group
Brunswick LLC
Buckman Laboratories
Buhler Prince Inc.
BW PaperSystems
BW Group
C3 Corporation
Cadillac Casting Inc.
California State University
Calumet Electronics Corp.
Calumet Machine
Cameroon/G Group
Capital Development Board
Cardinal FG Company
Carl Walker Inc.
Caterpillar

CBI     CCJ Systems Inc.
CPS Insurance Solutions
Cequent Group
Certified Clinical Control Solutions
CFR
CH2M Hill Inc.
Chart Industries
Chase Brass and Copper
Chassix
Chemtrend Products
Chevron
Chippewa County Land Conservation Dept.
Christian Reformed Conference
Churchill
Cincinnati Subzero
Cisco Group LLC
COSQF & Associates Inc.
Clark Dietz Inc.
Cliffs Natural Resources
Cloveleaf Language School
CN Rail
College of St. Scholastica
Colorado State Forest Service
Comed
Commonwealth Associates
Compuyde
Cone Drive Operations
Connexions Loyalty
Consumers Energy
Continental AG
Continental Automotive
Continental Tire North America
ControlTec
COoper Special Standard Automotive
Copper Country Intermediate School District
Cornellis Inc.
Covers
CR MEYER
Crane Engineering
Credit Suisse
CTC Engineering Inc.
CTI and Associates
Cummins Inc.
Curt G. Joa Inc.
CWC Tuxtron
Daikoku America Corporation
Daimler Trucks North America
Daire Rendon
Dawley Corporation
Dave and Buster’s dbHMS
Dell Technical Group
Deloite & Touche LLP
Delphi
Dematic Corporation
DENSO International America Inc.
Department of Defense
Detroit Stoker Company
DGIE Inc.
Dillen Engineering Inc.
Dinkinson Homes Inc.
Diebold Inc.

Dishon Design & Development
Disney
DNR
Dominio’s
Dornay
Donaldson Company
Doors of Freedom International
Dow Corning
DPS Power & Control
Technologies Inc.
DSPINCE Inc.
DTE Energy
DuPont
Eagle Alloy
Eagle Mine LLC
EAST
Eaton Electrical Ltd.
Eclipse Engineering
Edgewater Resources LLC
Edw. C. Levy Company
Egermin Automation Inc.
EJ
Electromatic Inc.
Electrical Consultants Inc.
Electro-Motive Diesel Inc.
Elio Motors Inc.
Emergency Care Consultants
Employment Services Inc.
Emit International
Enbridge Energy
Encourage Training
Engineering Systems Inc.
Enmark Systems Inc.
Entergy
Enterprise Engineering
Epic
ESG Automotive
ETO Magnetic
Evergreen Technology
Evonik
Excel Engineering Inc.
Expera Specialty Solutions
Extreme Engineering Solutions
EY
Facebook
Faith Technologies
FANUC America Corporation
Fast CAP Systems
Fast Enterprises
Federal Screw Works
FECCO International Inc.
FEV North America Inc.
Flip Chrysler Automobiles—US LLC
Fincantieri Marine Group
Finlandia University
Fishbeck, Thompson, Carr, & Huber Inc.
Fisher Contracting Company
Fitzpatrick Structural Engineering PC
Fives Inc.
Flies and Vandenbirk Engineering
Flint Hills Resources LLC
Florida Institute of Technology
Ford Motor Company
Fort Automation Inc.
Foth & Van Dyke and Associates Inc.
Foth Production Solutions LLC
Fountains of Hope International
Freeport-McMoRan
Fusion Soft Group Inc.
Gallagher-Kaiser Corporation
Galloway Company
Garrisons International
GE Aviation Systems
GE Johnson Construction Co
GEI Consultants Inc.
General Power Systems Inc.
General Mills
General Motors
Genex Corporation
George Mason University
Georgia Pacific
Gerda
Ghafari Associates Inc.
GHSP
Giftin Inc.
Gilmore Murray Steffick LLP
Global Automation Technologies
Google
Gosling Crubik Engineering
Grande Cheese Company
Grange Packaging International Inc.
Green Bay East High School
Greenheck
Groupon
GS Engineering
G-TECH Services Inc.
GTM Sportswear
Guardian Industries
Guidant Group
GZA GeoEnvironmental Inc.
Hacker Fellows
Hallas Mechatronics
Halla Vision Climate
Hanlon Systems LLC
Hawna Corporation
Harley Davidson Motor Company
Harmon Inc.
Hays Companies
HDR
Heartland Business Systems
Helgeson Industries
Henkel’s & McCoy Inc.
Henry Ford Health System
HGST
Hitachi Automotive Systems Americas Inc.
Hitachi Data Systems
HiTech Control Systems Inc.
HLA Engineers Inc.
Hoffman Brothers Inc.
Hoffman Construction Co.
Honda
Hooper Corporation
Houghton Communication Broadcasting
Houghton Portage Township Schools
Humana Inc.
Huron Casting Inc.
Huron Pines AmeriCorps
Huron Technology Corp.
Hutchinson Technology
Hycomere Machine Corp.
Hydraulinc Corp.
Hydro Aluminum
I&W Automotive Engineering
IBM
IHI Turbo America
IMERYS
Inland Roof Systems
InDepth Engineering Solutions LLC
Indian Health Service
Indiana University
Infinity Machine & Engineering Info
Innotec
Insultex Inc.
Institute of Defense
Intel
Interactive Intelligent
Intertribal Maple Syrup
Cooperative
Inteva Products
Irropid Control Systems
IRS Technology
Iron Mountain VA Med Center
Iowa Wesleyan Engineering Company
Iowa State Motors America Inc.
ITC Holdings Corp.
ITK Engineering LLC
Itronix Corporation
J.J. Keller & Associates Inc.
J.H. Fildorff & Son Inc.
Jackola Engineering
Jackson County Department of Transportation
Jackson National Life Insurance
Jacobs Engineering
John Deere
Johnson Controls
Johnson Raulhoft
Johnsonville Sausage LLC
Joy Global Inc.
JR Automation Technologies LLC
JTEKT North America
K2M Inc.
Karma Automotive LLC
K-Tech Inc.
Kenmore
Kenware Bay Ojibwa
Community College
Kenware Bay School, Ltd.
Kiewit Infrastructure Co.
Kimberly-Clark Corporation
Kimley-Horn & Associates Inc.
King Faisal University
King Mongkut’s Univ. of Technology
Kingscott
Rankings

#1 public university in Michigan for mid-career salaries.
– Payscale.com

#2 in Michigan comparing the cost of a college education to graduates’ average starting salaries.
– SmartAsset
Bestcolleges.com ranks Michigan Tech No. 18 in the US for Return On Investment. Michigan Tech’s 30-year net ROI—the average net earnings a graduate can expect over 30 years of work, minus the cost of their education—is $999,300. (May 2016)

SmartAsset ranks Michigan Tech No. 2 in Michigan comparing the cost of a college education to graduates’ average starting salaries. (March 2016)

PayScale/Fayscale.com ranks Michigan Tech No. 1 among public universities in Michigan for mid-career salaries. (August 2015)

Brookings Institute ranks Michigan Tech No. 1 in Michigan, No. 4 in the US in “value-added” factors such as the kinds of majors offered—particularly in STEM (science, technology, engineering, and math), graduation rates, student loan repayment rates, and the difference between predicted earnings and graduates’ actual earnings at mid-career and over a lifetime. (May 2015)

Money Magazine Michigan Tech ranks No. 90 out of 706 Best Colleges.

Safewise Houghton/Michigan Tech ranks No. 20 on the list of 50 Safest College Towns in America.

US News & World Report
- Undergraduate rankings: No. 118 out of 280 public and private national universities offering undergraduate majors, plus master’s and doctoral programs. These colleges also are committed to producing groundbreaking research.
- Graduate rankings: Mechanical Engineering (51), Environmental Engineering (54), Materials Engineering (58), Civil Engineering (62), Biomedical Engineering (63), Chemical Engineering (74), Electrical Engineering (88), and Computer Engineering (91)
Huskies Helping Huskies

When Michigan Tech grads leave campus, goodbyes don’t last for long. Alumni continue their involvement on campus by participating on corporate advisory boards, mentoring current students, and recruiting future Husky grads. Once a Husky, always a Husky.

Top 20 companies Michigan Tech students work for:

1. General Motors
2. Ford Motor Company
3. IBM
4. Boeing Company
5. Dow Chemical
6. Fiat Chrysler Automobiles (FCA)
7. Caterpillar Inc.
8. 3M
9. Consumers Energy/CMS
10. Cummins
11. Lockheed-Martin
12. General Electric
13. Kimberly-Clark Corp.
14. DTE Energy
15. Johnson Controls
16. Honeywell International
17. Northrop Grumman Corp.
18. Bechtel
19. Raytheon
20. Whirlpool Corp.

The next 10 are:
Rockwell Automation, Deere & Company, Nexteer Automotive, Cliffs Natural Resources, BASF Corporation, Black & Veatch, Dematic, BP, Intel Corporation, Chevron

“Being involved in campus activities like Consumer Products Day is rewarding in many ways—for me and for Kimberly-Clark. It’s not just about finding and building talent, it’s about hearing fresh perspectives and ideas, understanding what’s important to a new generation, and sharing a passion for innovation. It’s also about making sure students benefit from the long-standing tradition of industry connections, just as I did when I was a student here.”

Liz Bradley
Kimberly-Clark
Michigan Tech Alumna
“Mentoring and coaching Michigan Tech students is a chance for me to give back and serve others. It’s fulfilling—and an opportunity to focus on someone else for a while.”

Dave Walter
Dow
Michigan Tech Alumnus

“...we like recruiting at Michigan Tech. The students are hard workers. As an alumnus, I know some days—with all the snow—it takes perseverance just to get to class. Hands-on curriculum. Dedicated faculty. Lots of internship experience. And endless ways to get involved on campus. Huskies are the well-rounded, future leaders Gerdau seeks. They really are prepared to create the future.”

Jesse Gelbaugh
Gerdau
Michigan Tech Alumnus

Presidential Council of Alumnae Day
Michigan Tech’s Presidential Council of Alumnae (PCA) is a select group of women who graduated from Michigan Tech and distinguish themselves through personal and professional achievements. Part of PCA’s mission is to engage in activities that educate, influence, and inspire students. This annual event offered by PCA and Career Services includes a keynote address and roundtable discussions with PCA members and exceptional students. This year’s topics included: charting your career path, global positions, conducting salary negotiations, and dealing with conflict in the workplace.
The Michigan Tech Experience

Michigan Tech students develop tenacity, persistence, and grit to achieve their goals. Diverse opportunities in and out of the classroom add value to every graduate. Our job at Career Services is to help students recognize the value of their experiences and how to effectively communicate them to employers. These skills, characteristics, and competencies advance Huskies personally and professionally.

Faculty, staff, and students work together to make Move-in Weekend run smoothly.

Classes let out early for K-Day, or Keweenaw Day, a chance for students to engage with more than 220 registered student organizations.

Cardboard boat races require duct tape, cardboard, the Keweenaw Waterway, and a lot of tenacity.

Blizzard T. Husky and the Huskies Pep Band bring spirit to every game and event.

Michigan Tech’s Human-Interactive Robotics Lab developed a drone-catcher system—creative problem solving in action.

Industry Days bring more than 75 companies to campus for informal networking.

Celebrate diversity during Parade of Nations, with more than 60 countries represented.
Huskies value diverse viewpoints and creative problem solving.

More than 2,000 Huskies participate in 240 broomball games each season.

Students and alumni participate in annual Homecoming zaniness—it’s a collective effort!

Michigan Tech’s NCAA Division I men’s hockey team are three-time national champions.

Led by student counselors, Women in Engineering is a 40-year Michigan Tech tradition.

Winter Carnival student teams design and construct statues in snow!

The Husky Statue is a nine-foot-tall photo op and gathering place in the heart of campus.

All the hard work comes down to this: Commencement.

On April 30, 2016, 774 undergraduate and 203 graduate students received degrees.

Through Experience Tech, students play for free at the Portage Lake Golf Course, and have access to individual and team sports.

Students create the fun even in our challenging climate.

IT TAKES A HUSKY VILLAGE

College is about personal and intellectual growth. Coursework. Opportunities. Self-reflection. Discovery. Exploring interests and aptitudes, while developing a new network of peers, faculty, and staff to get through the challenges together.

It takes a village.

We thank our students, faculty and staff, community members, alumni, and corporate partners. They make up the village supporting our 7,268 students. They help students discover their passion and purpose while developing their ability to persist—grit!

Thank You!