2002-2020 female UG student actual and goal

24.0% 23.8%
22.5% 21.9%
22.6% 23.1% 23.4%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
24.6% 25.2% 25.4% 25.0%
26.5% 27.9% 29.3% 30.7%
These are the friends you've been looking for your whole life.
My roommate is **XXtraordinary**

Because she was accepted everywhere she applied – and chose to come to the crazy, snowy U.P. instead of going to Princeton. Because she’s the only girl in her Advanced Algorithms class (and the only one getting an “A”). Because she’s never missed a dogwalking date with the Copper County Humane Society. Because she makes butterscotch brownies for our whole floor, every single week. Because she’s like all the other women at Michigan Tech: smart, cool, brave, kind, FEARLESS!

Get to know the extraordinary women of MTU at [www.facebook.com/ xxtraordinarywomen](http://www.facebook.com/ xxtraordinarywomen)

Want to see MTU for yourself? Email admissions@mtu.edu or call 906 487 1885. We’d love to show you around!

**XX**traordinary Women of Michigan Tech

[mtu.edu](http://www.mtu.edu)
20 games in the 2012 season, 15 wins, 2 ties, a heck of a lot of road trips. Game faces on. We are proud. We are varsity athletes. #WeAreHuskies

Riding a Zamboni in a crown?
Only at Michigan Tech! That’s what happens when you’re the Winter Carnival Queen. "We go to the coolest school ever! Tech has brains and innovation beyond belief, a down-to-earth community, and—given the opportunity—we kick butt at anything we set our minds on accomplishing."

— Lydia Patch, 2011 Winter Carnival Queen, 2012 graduate, Biological Sciences

facebook.com/WomenofMichiganTech
Enrollment Goals

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td>5,631</td>
<td>5,700</td>
<td>5,750</td>
<td>5,750</td>
<td>5,750</td>
</tr>
<tr>
<td>Incoming Freshmen</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACT Composite</td>
<td>26.3</td>
<td>26.6</td>
<td>26.8</td>
<td>27</td>
<td>27.1</td>
</tr>
<tr>
<td>Graduate</td>
<td>1,353</td>
<td>1,415</td>
<td>1,480</td>
<td>1,545</td>
<td>1,625</td>
</tr>
<tr>
<td>Total</td>
<td>6,984</td>
<td>7,115</td>
<td>7,230</td>
<td>7,295</td>
<td>7,375</td>
</tr>
</tbody>
</table>
10 year female confirmations

2004 Deposits
2005 Deposits
2006 Deposits
2007 Deposits
2008 Deposits
2009 Deposits
2010 Deposits
2011 Deposits
2012 Deposits
2013 Deposits
10 year female COE confirmations

- 2004 Deposits
- 2005 Deposits
- 2006 Deposits
- 2007 Deposits
- 2008 Deposits
- 2009 Deposits
- 2010 Deposits
- 2011 Deposits
- 2012 Deposits
- 2013 Deposits
New UG females COE and Biological Sciences

Year: 2004 to 2013

- Biological Sciences
- Mechanical Engineering
- Materials Science and Engineering
- Geological Engineering
- General Engineering
- Environmental Engineering
- Electrical Engineering
- Computer Engineering
- Civil Engineering
- Chemical Engineering
- Biomedical Engineering

Data for each year is represented by the height of the bars, with the color indicating the specific engineering field.
<table>
<thead>
<tr>
<th>University</th>
<th>25th quartile</th>
<th>75th quartile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Michigan University</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>Eastern Michigan University</td>
<td>18</td>
<td>23</td>
</tr>
<tr>
<td>Ferris State University</td>
<td>19</td>
<td>24</td>
</tr>
<tr>
<td>Grand Valley State University</td>
<td>21</td>
<td>26</td>
</tr>
<tr>
<td>Lake Superior State University</td>
<td>20</td>
<td>24</td>
</tr>
<tr>
<td>University of Michigan - Ann Arbor</td>
<td>29</td>
<td>33</td>
</tr>
<tr>
<td>Michigan State University</td>
<td>23</td>
<td>28</td>
</tr>
<tr>
<td>University Of Michigan - Dearborn</td>
<td>23</td>
<td>29</td>
</tr>
<tr>
<td>University of Michigan - Flint</td>
<td>21</td>
<td>26</td>
</tr>
<tr>
<td>Northern Michigan University</td>
<td>19</td>
<td>25</td>
</tr>
<tr>
<td>Oakland University</td>
<td>19</td>
<td>25</td>
</tr>
<tr>
<td>Saginaw Valley State University</td>
<td>18</td>
<td>24</td>
</tr>
<tr>
<td>Wayne State University</td>
<td>18</td>
<td>25</td>
</tr>
<tr>
<td>Western Michigan University</td>
<td>20</td>
<td>25</td>
</tr>
</tbody>
</table>

**Fall 2011 Freshmen class ACT Composite scores 25-75th percentile**
Freshmen ACT Composite score comparison

Michigan Tech ACT Composite
National ACT Composite
First-Year Student Enrollment in College of Engineering by University

- Michigan Tech
- Michigan State
- University of Michigan
- University of Michigan-Dearborn
- MSOE
- University of Minnesota-Twin Cities
- University of Wisconsin-Madison
- Marquette University
Below is a list of nine possible career goals. Which are most important to you? Please select a maximum of three alternatives.

- To have work/life balance
- To be secure or stable in my job
- To be dedicated to a cause or to feel that I am serving a greater good
- To be competently or intellectually challenged
- To be a leader or manager of people
- To be a technical or functional expert
- To be entrepreneurial or creative/innovative
- To have an international career
- To be autonomous or independent

Michigan Technological University
All universities
### Students’ top 10 preferences

<table>
<thead>
<tr>
<th>Michigan Technological University</th>
<th>All universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Secure employment</td>
<td>1. Respect for its people</td>
</tr>
<tr>
<td>2. A creative and dynamic work environment</td>
<td>2. Secure employment</td>
</tr>
<tr>
<td>3. Respect for its people</td>
<td>3. A creative and dynamic work environment</td>
</tr>
<tr>
<td>4. Challenging work</td>
<td>4. Professional training and development</td>
</tr>
<tr>
<td>5. A friendly work environment</td>
<td>5. A friendly work environment</td>
</tr>
<tr>
<td>6. Innovation</td>
<td>6. Leaders who will support my development</td>
</tr>
<tr>
<td>7. Variety of assignments</td>
<td>7. High future earnings</td>
</tr>
<tr>
<td>8. Professional training and development</td>
<td>8. Leadership opportunities</td>
</tr>
<tr>
<td>9. Ethical standards</td>
<td>9. Ethical standards</td>
</tr>
<tr>
<td>10. Leaders who will support my development</td>
<td>10. Clear path for advancement</td>
</tr>
</tbody>
</table>

- Employer Reputation & Image
- People & Culture
- Remuneration & Advancement Opportunities

• How would you rate the relative importance of these aspects when choosing your Ideal Employer? Please divide 100 points between the alternatives in accordance with importance.
• Which attributes do you perceive as the most attractive? Please select a maximum of three alternatives.

This table shows the most attractive of the 40 attributes, taking into account the overall importance of the driver categories to the students. This analysis gives a summarized 360 degree view of what influences employer attractiveness.
How would you rate the relative importance of these aspects when choosing your Ideal Employer? Please divide 100 points between the alternatives in accordance with importance.

Which attributes do you perceive as the most attractive? Please select a maximum of three alternatives.

This table shows the most attractive of the 40 attributes, taking into account the overall importance of the driver categories to the students. This analysis gives a summarized 360 degree view of what influences employer attractiveness.

**Students’ top 10 preferences**

<table>
<thead>
<tr>
<th>Michigan Technological University</th>
<th>All universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Secure employment</td>
<td>1. Respect for its people</td>
</tr>
<tr>
<td>2. A creative and dynamic work environment</td>
<td>2. Secure employment</td>
</tr>
<tr>
<td>3. Respect for its people</td>
<td>3. A creative and dynamic work environment</td>
</tr>
<tr>
<td>4. Challenging work</td>
<td>4. Professional training and development</td>
</tr>
<tr>
<td>5. A friendly work environment</td>
<td>5. A friendly work environment</td>
</tr>
<tr>
<td>6. Innovation</td>
<td>6. Leaders who will support my development</td>
</tr>
<tr>
<td>7. Variety of assignments</td>
<td>7. High future earnings</td>
</tr>
<tr>
<td>8. Professional training and development</td>
<td>8. Leadership opportunities</td>
</tr>
<tr>
<td>9. Ethical standards</td>
<td>9. Ethical standards</td>
</tr>
<tr>
<td>10. Leaders who will support my development</td>
<td>10. Clear path for advancement</td>
</tr>
</tbody>
</table>

- Employer Reputation & Image
- People & Culture
- Job Characteristics
- Remuneration & Advancement Opportunities
Which attributes do you perceive as the most attractive? Please select a maximum of three alternatives.

- Secure employment: 50%
- Challenging work: 41%
- Professional training and development: 38%
- Variety of assignments: 36%
- Flexible working conditions: 27%
- High level of responsibility: 24%
- Opportunities for international travel/relocation: 22%
- Team-oriented work: 22%
- Control over my number of working hours: 14%
- Client interaction: 11%

Comparison:
- Michigan Technological University:
  - Secure employment: 50%
  - Challenging work: 41%
  - Professional training and development: 38%
  - Variety of assignments: 36%
  - Flexible working conditions: 27%
  - High level of responsibility: 24%
  - Opportunities for international travel/relocation: 22%
  - Team-oriented work: 22%
  - Control over my number of working hours: 14%
  - Client interaction: 11%

- All universities:
  - Secure employment: 50%
  - Challenging work: 41%
  - Professional training and development: 38%
  - Variety of assignments: 36%
  - Flexible working conditions: 27%
  - High level of responsibility: 24%
  - Opportunities for international travel/relocation: 22%
  - Team-oriented work: 22%
  - Control over my number of working hours: 14%
  - Client interaction: 11%
Through which channels have you learned about these employers? Please select as many alternatives as applicable.

- Employer websites: 47% (Michigan Technological University), 42% (All universities)
- Career fairs: 27% (Michigan Technological University), 44% (All universities)
- TV advertisements: 29% (Michigan Technological University), 33% (All universities)
- Employer presentations on campus: 16% (Michigan Technological University), 21% (All universities)
- Career guidance websites: 21% (Michigan Technological University), 19% (All universities)
- Social networks/communities: 20% (Michigan Technological University), 33% (All universities)
- Job boards: 18% (Michigan Technological University), 16% (All universities)
- Career guides/books: 17% (Michigan Technological University), 16% (All universities)
- Professional networks/communities: 17% (Michigan Technological University), 24% (All universities)
- Outdoor/billboard advertisements: 16% (Michigan Technological University), 20% (All universities)
Through which channels have you learned about these employers? Please select as many alternatives as applicable.

- Employer websites: 47% (Michigan Technological University), 42% (All universities)
- Career fairs: 44% (Michigan Technological University), 27% (All universities)
- TV advertisements: 33% (Michigan Technological University), 29% (All universities)
- Employer presentations on campus: 21% (Michigan Technological University), 16% (All universities)
- Career guidance websites: 21% (Michigan Technological University), 19% (All universities)
- Social networks/communities: 33% (Michigan Technological University), 33% (All universities)
- Job boards: 18% (Michigan Technological University), 16% (All universities)
- Career guides/books: 17% (Michigan Technological University), 16% (All universities)
- Professional networks/communities: 24% (Michigan Technological University), 17% (All universities)
- Outdoor/billboard advertisements: 20% (Michigan Technological University), 16% (All universities)
• Which attributes do you perceive as the most attractive? *Please select a maximum of three alternatives.*

- **Clear path for advancement**: 38% (Michigan Technological University), 37% (All universities)
- **Leadership opportunities**: 38% (Michigan Technological University), 43% (All universities)
- **Competitive base salary**: 27% (Michigan Technological University), 36% (All universities)
- **Competitive benefits**: 27% (Michigan Technological University), 35% (All universities)
- **Good reference for future career**: 34% (Michigan Technological University), 39% (All universities)
- **High future earnings**: 34% (Michigan Technological University), 38% (All universities)
- **Sponsorship of future education**: 31% (Michigan Technological University), 29% (All universities)
- **Overtime pay/compensation**: 13% (Michigan Technological University), 13% (All universities)
- **Performance-related bonus**: 12% (Michigan Technological University), 17% (All universities)
- **Rapid promotion**: 9% (Michigan Technological University), 10% (All universities)
How would you rate the career services offered at your college or university?

**Michigan Technological University**
- Average satisfaction: 8.1
- 19% of students rated it as excellent
- 34% rated it as very good
- 21% rated it as good
- 15% rated it as fair
- 7% rated it as poor
- 3% rated it as very poor
- 1% rated it as extremely poor

**All universities**
- Average satisfaction: 7.7
- 15% of students rated it as excellent
- 17% rated it as very good
- 28% rated it as good
- 19% rated it as fair
- 9% rated it as poor
- 6% rated it as very poor
- 3% rated it as extremely poor
- 1% rated it as extremely poor
- 1% rated it as extremely poor
- 0% rated it as extremely poor
Which of these career services are most important to you?

- Career / job / internship fairs: 83%
- Company database with job and internship postings: 49%
- General help with job/internship search and CV/interview preparation: 46%
- Workshops (e.g., resume writing, interviewing): 27%
- Employer presentations: 25%
- Help with my career exploration and goals: 23%
- Personality or skills testing to better understand my career direction: 17%
- Online career advising: 9%
- Virtual career fairs/meet-ups with employers: 7%
Which of the following were the most integral factors in choosing your college or university?

<table>
<thead>
<tr>
<th>Factor</th>
<th>Michigan Technological University</th>
<th>All universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prospects for future employment</td>
<td>66%</td>
<td>43%</td>
</tr>
<tr>
<td>Prestige/reputation</td>
<td>64%</td>
<td>45%</td>
</tr>
<tr>
<td>Offered a specific program or field of study</td>
<td>60%</td>
<td>49%</td>
</tr>
<tr>
<td>Learning environment and educational facilities</td>
<td>55%</td>
<td>48%</td>
</tr>
<tr>
<td>Offered me a scholarship or financial aid</td>
<td>53%</td>
<td>47%</td>
</tr>
<tr>
<td>Social environment and recreational activities</td>
<td>47%</td>
<td>35%</td>
</tr>
<tr>
<td>Costs (e.g. tuition, living expenses, accommodation, etc.)</td>
<td>58%</td>
<td>28%</td>
</tr>
<tr>
<td>Advice from current students and/or alumni</td>
<td>24%</td>
<td>26%</td>
</tr>
<tr>
<td>Proximity to home/family</td>
<td>47%</td>
<td>19%</td>
</tr>
<tr>
<td>Advice from family</td>
<td>24%</td>
<td>19%</td>
</tr>
<tr>
<td>Opportunities for international travel and study abroad</td>
<td>24%</td>
<td>9%</td>
</tr>
<tr>
<td>Other</td>
<td>4%</td>
<td>4%</td>
</tr>
</tbody>
</table>
• Which attributes do you perceive as the most attractive?

**High employment among graduates**
- Michigan Technological University: 69%
- All universities: 49%

**Good reputation among employers**
- Michigan Technological University: 66%
- All universities: 45%

**Provides the skills and knowledge for which employers are looking**
- Michigan Technological University: 54%
- All universities: 47%

**Good contacts with the employers in my field**
- Michigan Technological University: 27%
- All universities: 31%

**Practical curriculum**
- Michigan Technological University: 20%
- All universities: 17%

**Interesting courses**
- Michigan Technological University: 14%
- All universities: 24%

**Inspiring professors/lecturers**
- Michigan Technological University: 11%
- All universities: 24%

**Appropriate ratio of students per professor/lecturer**
- Michigan Technological University: 11%
- All universities: 13%

**Organizes a variety of social activities for students**
- Michigan Technological University: 8%
- All universities: 9%

**Top quality of service facilities (e.g. libraries, dorms, fitness facilities)**
- Michigan Technological University: 6%
- All universities: 13%

**Opportunities for international study/experience**
- Michigan Technological University: 5%
- All universities: 16%
Which of the following attributes do you associate with each college or university?

Associated attributes with Michigan Technological University:

- Good reputation among employers: 97%
- High employment among graduates: 91%
- Provides the skills and knowledge for which employers are looking: 89%
- Practical curriculum: 73%
- Good contacts with the employers in my field: 73%
- Interesting courses: 72%
- Appropriate ratio of students per professor/lecturer: 68%
- Organizes a variety of social activities for students: 68%
- Opportunities for international study/experience: 61%
- Top quality of service facilities (e.g. libraries, dorms, fitness facilities): 52%
- Inspiring professors/lecturers: 47%

Current students
Based on your experiences, how likely would you be to recommend your college or university to a friend or family member?

### University recommendations

#### Average score:

- **Michigan Technological University**: 8.7
- **All universities**: 8.4

#### Scores for Michigan Technological University and All universities:

<table>
<thead>
<tr>
<th>Score</th>
<th>Michigan Technological University</th>
<th>All universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>2</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>3</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>4</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>5</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>6</td>
<td>5%</td>
<td>3%</td>
</tr>
<tr>
<td>7</td>
<td>12%</td>
<td>10%</td>
</tr>
<tr>
<td>8</td>
<td>20%</td>
<td>19%</td>
</tr>
<tr>
<td>9</td>
<td>21%</td>
<td>19%</td>
</tr>
<tr>
<td>10</td>
<td>36%</td>
<td>41%</td>
</tr>
</tbody>
</table>

**VERY UNLIKELY**

**VERY LIKELY**
Which attributes do you perceive as the most attractive? Please select a maximum of three alternatives.
<table>
<thead>
<tr>
<th>Rank</th>
<th>College/University</th>
<th>Admitted</th>
<th>Confirmed</th>
<th>Yield</th>
<th>Avg Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>University of Michigan - Ann Arbor (MI)</td>
<td>578</td>
<td>159</td>
<td>27.5%</td>
<td>2.69</td>
</tr>
<tr>
<td>2</td>
<td>Michigan State University (MI)</td>
<td>581</td>
<td>155</td>
<td>26.7%</td>
<td>2.78</td>
</tr>
<tr>
<td>3</td>
<td>Northern Michigan University (MI)</td>
<td>234</td>
<td>95</td>
<td>40.6%</td>
<td>3.24</td>
</tr>
<tr>
<td>4</td>
<td>Western Michigan University (MI)</td>
<td>293</td>
<td>94</td>
<td>32.1%</td>
<td>3.49</td>
</tr>
<tr>
<td>5</td>
<td>Grand Valley State University (MI)</td>
<td>293</td>
<td>79</td>
<td>27.0%</td>
<td>3.28</td>
</tr>
<tr>
<td>6</td>
<td>Kettering University (MI)</td>
<td>201</td>
<td>64</td>
<td>31.8%</td>
<td>3.09</td>
</tr>
<tr>
<td>7</td>
<td>Central Michigan University (MI)</td>
<td>190</td>
<td>52</td>
<td>27.4%</td>
<td>3.93</td>
</tr>
<tr>
<td>8</td>
<td>Ferris State University (MI)</td>
<td>159</td>
<td>49</td>
<td>30.8%</td>
<td>3.89</td>
</tr>
<tr>
<td>9</td>
<td>Lawrence Technological University (MI)</td>
<td>113</td>
<td>40</td>
<td>35.4%</td>
<td>3.61</td>
</tr>
<tr>
<td>10</td>
<td>Oakland University (MI)</td>
<td>138</td>
<td>37</td>
<td>26.8%</td>
<td>3.49</td>
</tr>
<tr>
<td>11</td>
<td>Wayne State University (MI)</td>
<td>156</td>
<td>34</td>
<td>21.8%</td>
<td>4.24</td>
</tr>
<tr>
<td>12</td>
<td>Saginaw Valley State Univ (MI)</td>
<td>93</td>
<td>34</td>
<td>36.6%</td>
<td>3.70</td>
</tr>
<tr>
<td>13</td>
<td>University of Minnesota-Twin Cities (MN)</td>
<td>157</td>
<td>33</td>
<td>21.0%</td>
<td>3.18</td>
</tr>
<tr>
<td>14</td>
<td>Lake Superior State University (MI)</td>
<td>90</td>
<td>33</td>
<td>36.7%</td>
<td>3.93</td>
</tr>
<tr>
<td>15</td>
<td>Purdue University (IN)</td>
<td>123</td>
<td>32</td>
<td>26.0%</td>
<td>3.87</td>
</tr>
<tr>
<td>16</td>
<td>University of Wisconsin-Madison (WI)</td>
<td>129</td>
<td>27</td>
<td>20.9%</td>
<td>3.16</td>
</tr>
<tr>
<td>17</td>
<td>Milwaukee School of Engineering (WI)</td>
<td>121</td>
<td>25</td>
<td>20.7%</td>
<td>2.92</td>
</tr>
<tr>
<td>18</td>
<td>Rose Hulman Institute of Technology (IN)</td>
<td>92</td>
<td>24</td>
<td>26.1%</td>
<td>4.29</td>
</tr>
<tr>
<td>19</td>
<td>Delta College (MI)</td>
<td>44</td>
<td>23</td>
<td>52.3%</td>
<td>3.84</td>
</tr>
<tr>
<td>20</td>
<td>Gogebic Community College (MI)</td>
<td>39</td>
<td>22</td>
<td>56.4%</td>
<td>2.62</td>
</tr>
<tr>
<td>21</td>
<td>Grand Rapids Community College (MI)</td>
<td>50</td>
<td>21</td>
<td>42.0%</td>
<td>4.00</td>
</tr>
<tr>
<td>22</td>
<td>University of Wisconsin-Platteville (WI)</td>
<td>81</td>
<td>19</td>
<td>23.5%</td>
<td>2.49</td>
</tr>
<tr>
<td>23</td>
<td>Finlandia University (MI)</td>
<td>40</td>
<td>19</td>
<td>47.5%</td>
<td>3.08</td>
</tr>
<tr>
<td>24</td>
<td>Marquette University (WI)</td>
<td>110</td>
<td>18</td>
<td>16.4%</td>
<td>3.82</td>
</tr>
<tr>
<td>25</td>
<td>Massachusetts Inst of Technology (MA)</td>
<td>66</td>
<td>18</td>
<td>27.3%</td>
<td>3.53</td>
</tr>
</tbody>
</table>