Post-Graduation Activity Report 2014–15

Compiled by WMU Career and Student Employment Services
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Download the complete report at wmich.edu/career
Executive Summary

Career and Student Employment Services surveyed all (N=5217) WMU students graduating with bachelor’s, master’s, and doctoral degrees between August 2014 and June 2015. Data was obtained for 75% of the population (N=3929).

88% of WMU graduates were actively engaged within three months of graduation.

“Active engagement” is defined as full-time employment (including self-employment and post-graduate internships/fellowships); part-time employment; military service; and continuing education. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.

Primary Activity Summary

<table>
<thead>
<tr>
<th>Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed full time</td>
<td>2510</td>
<td>63.9%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>325</td>
<td>8.3%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>603</td>
<td>15.4%</td>
</tr>
<tr>
<td>Military service</td>
<td>27</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Not Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed and seeking employment</td>
<td>405</td>
<td>10.3%</td>
</tr>
<tr>
<td>Not seeking employment</td>
<td>47</td>
<td>1.2%</td>
</tr>
<tr>
<td>Volunteering</td>
<td>12</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

Full-Time Employment Highlights

- 64% of respondents were employed full time.
- The median salary was $40,000–$45,000 based on 1580 reported salaries.
- 87% have a job that is related to their degree based on 1636 responses.
- 93% are satisfied with their job based on 1426 responses.
- 75% work in Michigan; 22% work in 46 other U.S. states; and 3% work in 22 countries outside the U.S.

Continuing Education

- 15% of respondents are pursuing further education after graduating from WMU.
- 54% are continuing education at WMU, and the remaining 46% will attend 118 different institutions.

Experiential Education

- 75% of respondents completed an experiential education activity at WMU based on 3758 responses.
About The Data

Career and Student Employment Services conducts the annual Post-Graduation Activity Survey on behalf of the University. The survey is conducted in accordance with the “Standards and Protocols for the Collection and Dissemination of Graduating Student Initial Career Outcomes Information” published by the National Association of Colleges and Employers (NACE).

Three weeks before each graduation, all graduating students receive an email from their college dean, department chairperson, or program director with a personalized link to the Post-Graduation Activity Survey. Nonrespondents receive at least four reminder messages via email. The questionnaire asks students to select one post-graduation activity category from a list: “working”; “pursuing further education or further study”; “military service”; “volunteering full time (e.g., Peace Corps)”; “unemployed and seeking employment”; and “not seeking employment or further education within six months after graduation.”

For those students who have not responded to the survey after multiple invitations, we ask department chairpersons and faculty who know the students to provide any post-graduation activity information they are aware of. Additionally, Career and Student Employment Services gathers employment data from public LinkedIn profiles of graduates who do not respond. Overall, 78% of the data in this report was obtained through the online questionnaire and 22% was obtained through LinkedIn or by contacting department chairpersons, faculty, and staff.

Post-graduation activity data was also updated throughout the year by following up with respondents who indicated that they were seeking employment at the time of completing the survey. The data collection cycle ended on October 15, 2015.

Sixty-two percent (62%, N=1580) of respondents working full time reported a salary range. Where salary information is reported, all salaries provided by those working full time are included, including any salaries from full-time jobs located outside the United States. We publish median salary ranges for majors/programs with at least five reported salaries.

The report lists all WMU majors for which sufficient data has been collected. Names of majors in the report align with those listed at wmich.edu/academics. If there are fewer than five primary activity responses for a program (or for one degree level of a program), data from 2013–14 was added and/or similar majors were combined. If there are fewer than five responses for a program from 2013–14 and 2014–15 together, the program is not included in the report. Similarly, two years of employment data (i.e., salary, job satisfaction, etc.) are reported together when fewer than five responses are available from 2014–15. Data from 2013–14 was added only to the individual reports for the majors, not to the overall college or university reports.

There were 316 students who completed two or more undergraduate majors and 4 who completed two master’s degrees during the graduation period. They are included once in each section of the report that corresponds to one of their degrees. No student’s data is ever counted twice in the same report section.

One purpose of this report is to help students with career exploration. To that end, reports for individual majors and programs include sample job titles and employer names. This information was provided by survey respondents from both 2013–14 and 2014–15.

NACE and Career and Student Employment Services acknowledge that the positive impact of a college education cannot be measured merely in terms of employment, earnings, or continued education. The most significant and substantive outcomes of personal and professional growth occur over the lifetime of the individual graduate.
Western Michigan University
College of Engineering and Applied Sciences
Post-Graduation Activity Report

Aerospace Engineering.............................................. 10
Chemical Engineering............................................. 12
Civil and Construction Engineering......................... 14
Computer Science.................................................. 16
Electrical and Computer Engineering....................... 18
Engineering Design Technology............................... 20
Engineering Management......................................... 21
Graphic and Printing Science................................... 23
Industrial Engineering........................................... 24
Manufacturing Engineering...................................... 26
Mechanical Engineering.......................................... 28
Paper Engineering.................................................. 30
College of Engineering and Applied Sciences

Survey Population 2014–15

The Post-Graduation Activity Survey was sent to all of the 470 students who earned a degree from the College of Engineering and Applied Sciences between August 2014 and June 2015. Data was obtained for 85.5% of all graduates.

<table>
<thead>
<tr>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>count</td>
</tr>
<tr>
<td>All degree recipients</td>
<td>470</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>309</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>151</td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>10</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15

91.3% of all responding graduates were actively engaged within three months of graduation.*

<table>
<thead>
<tr>
<th>Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed full time</td>
<td>326</td>
<td>81.1%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>10</td>
<td>2.5%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>29</td>
<td>7.2%</td>
</tr>
<tr>
<td>Military service</td>
<td>2</td>
<td>0.5%</td>
</tr>
<tr>
<td><strong>Not Actively Engaged</strong></td>
<td><strong>35</strong></td>
<td><strong>8.7%</strong></td>
</tr>
<tr>
<td>Unemployed and seeking employment</td>
<td>34</td>
<td>8.5%</td>
</tr>
<tr>
<td>Not immediately seeking employment</td>
<td>1</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Undergraduate Post-Graduation Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actively Engaged*</td>
<td>227</td>
<td>90.8%</td>
</tr>
<tr>
<td>Employed full time</td>
<td>198</td>
<td>79.2%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>8</td>
<td>3.2%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>19</td>
<td>7.6%</td>
</tr>
<tr>
<td>Military service</td>
<td>2</td>
<td>0.8%</td>
</tr>
<tr>
<td>Not Actively Engaged</td>
<td>23</td>
<td>9.2%</td>
</tr>
<tr>
<td>Unemployed and seeking employment</td>
<td>22</td>
<td>8.8%</td>
</tr>
<tr>
<td>Not immediately seeking employment</td>
<td>1</td>
<td>0.4%</td>
</tr>
</tbody>
</table>

Graduate (Masters/Doctoral) Post-Graduation Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actively Engaged*</td>
<td>140</td>
<td>92.1%</td>
</tr>
<tr>
<td>Employed full time</td>
<td>128</td>
<td>84.2%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>2</td>
<td>1.3%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>10</td>
<td>6.6%</td>
</tr>
<tr>
<td>Not Actively Engaged</td>
<td>12</td>
<td>7.9%</td>
</tr>
<tr>
<td>Unemployed and seeking employment</td>
<td>12</td>
<td>7.9%</td>
</tr>
</tbody>
</table>

*Active engagement* is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Employment Information — Salaries

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range. Salaries are reported only for those respondents who say that their employment is full time (30 hours or more per week).

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Reported salary range: **</th>
<th>Graduate Students</th>
<th>**</th>
</tr>
</thead>
<tbody>
<tr>
<td>count:</td>
<td>count:</td>
<td>percent:</td>
<td>---</td>
</tr>
<tr>
<td>0.7% 1</td>
<td>Less than $20,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
<tr>
<td>0% 0</td>
<td>$20,001–$25,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
<tr>
<td>2.0% 3</td>
<td>$25,001–$30,000</td>
<td>0 0%</td>
<td>---</td>
</tr>
<tr>
<td>2.0% 3</td>
<td>$30,001–$35,000</td>
<td>1 1.8%</td>
<td>---</td>
</tr>
<tr>
<td>2.0% 3</td>
<td>$35,001–$40,000</td>
<td>1 1.8%</td>
<td>---</td>
</tr>
<tr>
<td>4.7% 7</td>
<td>$40,001–$45,000</td>
<td>0 0%</td>
<td>---</td>
</tr>
<tr>
<td>13.4% 20</td>
<td>$45,001–$50,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
<tr>
<td>11.4% 17</td>
<td>$50,001–$55,000</td>
<td>5 9.1%</td>
<td>---</td>
</tr>
<tr>
<td>21.5% 32</td>
<td>$55,001–$60,000</td>
<td>7 12.7%</td>
<td>---</td>
</tr>
<tr>
<td>17.4% 26</td>
<td>$60,001–$65,000</td>
<td>10 18.2%</td>
<td>---</td>
</tr>
<tr>
<td>15.4% 23</td>
<td>$65,001–$70,000</td>
<td>7 12.7%</td>
<td>---</td>
</tr>
<tr>
<td>2.7% 4</td>
<td>$70,001–$75,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
<tr>
<td>1.3% 2</td>
<td>$75,001–$80,000</td>
<td>4 7.3%</td>
<td>---</td>
</tr>
<tr>
<td>1.3% 2</td>
<td>$80,001–$85,000</td>
<td>3 5.5%</td>
<td>---</td>
</tr>
<tr>
<td>1.3% 2</td>
<td>$85,001–$90,000</td>
<td>5 9.1%</td>
<td>---</td>
</tr>
<tr>
<td>1.3% 2</td>
<td>$90,001–$95,000</td>
<td>0 0%</td>
<td>---</td>
</tr>
<tr>
<td>0.7% 1</td>
<td>$95,001–$100,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
<tr>
<td>0.7% 1</td>
<td>More than $100,000</td>
<td>2 3.6%</td>
<td>---</td>
</tr>
</tbody>
</table>

Survey respondents who indicated they were employed were asked if the job they report is new to them, or if they worked for the same employer while enrolled at WMU. About half of students working full time, both undergraduates and graduate students, had already worked for their employer while enrolled at WMU and stayed with the same employer after graduation.

** Median Salary (Undergraduates) $55,000–$60,000 (based on 149 responses)
** Median Salary (Graduate Students) $60,000–$65,000 (based on 55 responses)

**Salary data is self-reported and is not fact-checked.**
Other Employment Information

Survey respondents were also asked to provide the location of their job, and were asked to rate on a scale of 1 to 5 their satisfaction with the job and the extent to which their job was related to their degree.

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Job information (full-time employment only)</th>
<th>Graduate Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>94% Yes</td>
<td>Job related to your degree</td>
<td>96% Yes</td>
</tr>
<tr>
<td>(based on 153 responses)</td>
<td>(“Yes” includes ratings of 3, 4, and 5 out of 5)</td>
<td>(based on 53 responses)</td>
</tr>
<tr>
<td>95% Yes</td>
<td>Satisfied with the job</td>
<td>95% Yes</td>
</tr>
<tr>
<td>(based on 143 responses)</td>
<td>(“Yes” includes ratings of 3, 4, and 5 out of 5)</td>
<td>(based on 57 responses)</td>
</tr>
<tr>
<td>79% Yes</td>
<td>Job located in Michigan</td>
<td>67% Yes</td>
</tr>
<tr>
<td>(based on 195 responses)</td>
<td></td>
<td>(based on 94 responses)</td>
</tr>
</tbody>
</table>

There were 10 respondents working part time (2% of all respondents). These respondents were asked whether they were seeking full-time employment. Of the 8 who answered, 5 said they were seeking full-time employment and 3 said they were not seeking full-time employment.

| Respondents working part time: (based on 8 responses) | Seeking full-time employment: 62% | Not seeking full-time employment: 38% |

Experiential Education

Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>While enrolled at WMU, did you participate in an experiential education activity?</th>
</tr>
</thead>
<tbody>
<tr>
<td>84% Yes</td>
<td>(based on 238 responses)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Students</th>
<th>(based on 138 responses)</th>
</tr>
</thead>
<tbody>
<tr>
<td>65% Yes</td>
<td></td>
</tr>
</tbody>
</table>
Aerospace Engineering

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 86% of all Aerospace Engineering graduates.

<table>
<thead>
<tr>
<th>Bachelor’s degree recipients</th>
<th>Post-Graduation data was obtained for</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>19 graduates (86%)</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
95% of graduates were actively engaged.*

<table>
<thead>
<tr>
<th></th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actively Engaged</td>
<td>18</td>
<td>95%</td>
</tr>
<tr>
<td>Employed full time</td>
<td>16</td>
<td>84%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>1</td>
<td>5%</td>
</tr>
<tr>
<td>Military service</td>
<td>1</td>
<td>5%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Actively Engaged</td>
<td>1</td>
<td>5%</td>
</tr>
<tr>
<td>Unemployed and seeking employment</td>
<td>1</td>
<td>5%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

While enrolled at WMU, did you participate in an experiential education activity? 80% Yes (based on 20 responses)

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Aerospace Engineering

Employment Information
Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Range**
(Full-Time Employment)

$55,000–$60,000
(based on 14 responses)

87% reported that their job was related to their degree
(based on 15 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 15 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

2LT Corps of Engineers
2LT, Medical Service Corps at USAF
Account Manager at Rockwell Automation
Advanced Design Engineer at Cessna Aircraft
Applications Engineer (Compressor Gas Seals) at Flowserve
Body Component Engineer at Chrysler
CAD Technician at Stryker
Design Engineer at Aerotek/Valiant International
Design Engineer at Getman
Engineer at Intertek
Engineer/Scientist Level 1 at Aerospace Testing Alliance
Engineering Production Support at Cessna Aviation
Manufacturing Engineer at Hexcel
Manufacturing Management at National Gypsum
Mechanical/Structural Engineer at Gulfstream Aerospace
OBD Reliability Engineer at Aerotek
Process Engineer at Denso Manufacturing Michigan
Product Data Management Analyst at Chrysler
Product Development Engineer at Micro-LAM
Product Engineer at G.W. Lisk
Production Support Engineer at Gentex
Research and Development Engineer at Viking
Research Assistant at Department of Mechanical and Aerospace Engineering
Rotation Engineer at Williams International
System Design Engineer at SecurAlarm Systems
Test Engineer at Parker Hannifin
Thermal Performance Engineer at Nissan
Transmission Calibration Engineer at G-Tec Truck Equipment
Validation Engineer at Tenneco Automotive

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Chemical Engineering

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 84% of all Chemical Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor’s degree</td>
<td>34</td>
<td>count 28 82%</td>
</tr>
<tr>
<td>Master’s degree*</td>
<td>3</td>
<td>count 3 100%</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
86% of undergraduates were actively engaged.*

<table>
<thead>
<tr>
<th>Actively Engaged</th>
<th>Undergraduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed full time</td>
<td>percent 71%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>count 20</td>
</tr>
<tr>
<td>Continuing education</td>
<td>percent 7%</td>
</tr>
<tr>
<td>Unemployed and seeking employment</td>
<td>count 2</td>
</tr>
</tbody>
</table>

Not Actively Engaged

<table>
<thead>
<tr>
<th>Not Actively Engaged</th>
<th>Undergraduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed and seeking employment</td>
<td>percent 14%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

While enrolled at WMU, did you participate in an experiential education activity? **85% Yes** (based on 27 responses)

* No data is reported for graduate students due to the low number of responses available.

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Chemical Engineering

Employment Information
Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

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**Median Salary Range**
(Full-Time Employment)

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Undergraduates

$\text{Median} \ 57,500 - 62,500$
(based on 14 responses)

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67% located in Michigan
(based on 21 responses)

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87% reported that their job was **related to their degree**
(based on 15 responses; includes ratings of 3, 4, and 5 out of 5)

85% said they were **satisfied** with their job
(based on 13 responses; includes ratings of 3, 4, and 5 out of 5)

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Sample Job Titles and Employers

Application Engineer at Tesa Tape
Auto-CAD Technician at Engineering Plus
Chemical Engineer Rotational Position at MeadWestVaco
Design Analysis I at Thermaltech Engineering
Distillation Formulator at WILD Flavors
Environmental and Process Engineer at Georgia-Pacific
Global Paint Launch Engineer at Ford
Lead Test Technician at Stryker
Liquid Production Engineer at Perrigo
Manufacturing Engineer Intern at Dimplex Thermal Solutions
Operational Engineer at Pratt Industries
Paint Technical Representative at Abednego Environmental Services
Pharmacy Technician at Walgreens
Process Control Engineer at Georgia Pacific
Process Engineer at Appvion
Process Engineer at Kalsec
Process Engineer at Kimberly Clark
Process Engineer at Stryker
Process Engineer I at Sonoco
Process Specialist at Intel
Production Engineer at Perrigo
Safety Engineer at J Rettenmaier
Solutions Engineer at Armstrong International
Special Projects Coordinator at Examination Management Services
Staff Validation Engineer at Performance Validation
Tech Service Engineer at Enthone
Technical Service Representative at Huntsman

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** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only. **
Civil and Construction Engineering‡

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 85% of all Civil and Construction Engineering graduates.

<table>
<thead>
<tr>
<th></th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td>All degree recipients</td>
<td>61</td>
<td>count 85%</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>31</td>
<td>count 77%</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>30</td>
<td>count 93%</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
96% of undergraduates and 79% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>23</td>
<td>96%</td>
</tr>
<tr>
<td>19</td>
<td>79%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>4</td>
<td>17%</td>
</tr>
<tr>
<td>1</td>
<td>4%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>1</td>
<td>4%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates
91% Yes (based on 22 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students
60% Yes (based on 25 responses)

‡ Data includes graduates who earned degrees in Civil Engineering and Construction Engineering.
* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Civil and Construction Engineering

Employment Information
Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

Undergraduates
$45,000–$50,000
(based on 15 responses)

Graduate students
$35,000–$40,000
(based on 9 responses)

70% located in Michigan
(based on 33 responses)

96% reported that their job was related to their degree
(based on 25 responses; includes ratings of 3, 4, and 5 out of 5)

91% said they were satisfied with their job
(based on 23 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Assistant Engineer at City of Grand Rapids
Assistant Estimator at Jergens Piping
Associate Civil Design Engineer at Dow Corning
Associate Design Engineer at Nucor Building Systems
Chief Executive Officer at Soluciones Electricas y Mecanicas HADOM (SEYMEX)
Construction Engineering at Spicer Group
Construction Project Engineer at Miller-Davis
Construction Representative I at Alfred Benesch & Company
Design Engineer at Gourdie Fraser
Designer at Sigma Technologies
Engineer at Wolverine Crane
Engineer I — Metering & Regulation at Consumers Energy
Engineer in Training at Wightman & Associates Land Surveying
Entry Level Civil Engineering at People Infra
Entry Level Engineer at SME USA
Field Engineer at Aristeo Construction
Field Engineer at Codelpa, Dominican Republic
Field Engineer at Wharton-Smith
Intelligent Traffic System (ITS) Engineer at URS
Project Coordinator at Walbridge
Project Engineer at DPR Construction
Project Engineer at Miller-Davis
Project Manager at The Ministry of Education, Saudi Arabia
Project Superintendent at AVB
Self-Employed Construction Engineer
Senior Engineering Technician at Driesenga & Associates
Site Administrative Manager at Therrestrad, Jamaica
Site Engineer at Future Consult
Staff Engineer at Fishbeck Thompson Carr & Huber
Staff Engineer at SME USA
Structural Engineer at Johnson Systems
Transportation Engineer at Michigan Department of Transportation

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Computer Science

Survey Population 2014–15

Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 90% of all Computer Science graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>count</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>46</td>
<td>39</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>32</td>
<td>31</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15

82% of undergraduates and 97% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
<th>count</th>
<th>percent</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 82% Actively Engaged</td>
<td>97% 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25 64% Employed full time</td>
<td>90% 28</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2  5% Employed part time</td>
<td>0% 0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 13% Continuing education</td>
<td>0% 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 18% Not Actively Engaged</td>
<td>3% 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 18% Unemployed and seeking employment</td>
<td>3% 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Experiential Education

Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates 62% Yes (based on 34 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students 64% Yes (based on 25 responses)

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Computer Science

Employment Information
Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

Undergraduates
$55,000–$60,000
(based on 13 responses)

Graduate students
$55,000–$60,000
(based on 5 responses)

71% located in Michigan
(based on 45 responses)

100% reported that their job was related to their degree
(based on 18 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 15 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Application Developer at Experis
Application Developer at Forensic Fluids Laboratories
Application Developer at Naturipe Farms
Associate IT Operations Analyst at Kellogg
Associate IT Project Manager at Kellogg
CNC Operator at Michigan Precision Tool and Engineering
Consultant at Sogeti
Data Analyst at Whirlpool
Database Consultant at Teradata
Database Developer at FireKeepers Casino Hotel
Developer at Level Data
Developer at Nexient
Front-End Developer Intern at Quicken Loans
Guardian Consultant at Dynatrace
Information Technology Development Program Participant at Eaton
iOS Software Engineer at Maestro
Junior Developer at Systems in Motion
Junior Software Engineer at TGW Systems
Managing Partner/CEO/Software Dev at LbKStudios
Network Engineer at Eimo Technologies
Network Operations Engineer at Apple
Programmer Analyst at HCL Global Systems
Programmer Analyst at Think It Technologies
Programmer at Basic HR Solutions
Security/Firewalls System Administration at Linkpro Technologies
Self-Employed Technology Consultant
Senior Software Engineer at Tabner Solutions
Site Reliability Engineer at Apple
Software Consultant at Dynatrace
Software Developer at Scope Services
Software Developer at WMU
Software Developer at Zuven Technologies
Software Engineer at Altarum Institute
Software Engineer at AmTrust Financial Services
Software Engineer at Cincinnati Test System
Software Engineer at Electriq 80
Software Engineer at Globe3 Systems, Malaysia
Software Engineer at iyeTek at LexisNexis
Software Engineer at Pushbullet
Software Engineer at Radius Info Systems
Technical Support Tier 1 at Message Express Internet
Web Application Developer at Exelicon
Web Developer at Perrigo

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Electrical and Computer Engineering‡

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 84% of all Electrical and Computer Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>77</td>
<td>count: 65 percent: 84%</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>32</td>
<td>count: 24 percent: 75%</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>42</td>
<td>count: 39 percent: 93%</td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>3</td>
<td>count: 2 percent: 67%</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
88% of undergraduates and 93% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>21</td>
<td>88%</td>
</tr>
<tr>
<td>20</td>
<td>83%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>1</td>
<td>4%</td>
</tr>
<tr>
<td>3</td>
<td>13%</td>
</tr>
<tr>
<td>3</td>
<td>13%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates
92% Yes
(based on 24 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students
56% Yes
(based on 36 responses)

‡ Data includes graduates who earned degrees in Computer Engineering; Electrical and Computer Engineering; and Electrical Engineering.
* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Electrical and Computer Engineering

Employment Information

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>$57,500–$62,500</td>
<td>$60,000–$65,000</td>
</tr>
</tbody>
</table>
(based on 14 responses)  
(based on 13 responses)

68% located in Michigan
(based on 38 responses)

93% reported that their job was related to their degree
(based on 28 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 27 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Aerospace Ground Equipment Technician at US Air Force Reserve
Assistant Professor at Aljufo University
Associate Engineer at United Technologies
Circuit Engineer at Consumers Energy
Controls Engineer at AAM
Core EDS Product Design and Release Engineer at Ford
Design Engineer I at Walker Parking Consultants
Design/Analysis Electrical Engineer at ThermalTech Engineering
Developer at Nexient
Electrical Engineer at GMS, Iraq
Electrical Engineer at Denso Manufacturing Michigan
Electrical Engineer at Dimplex Thermal Solutions
Electrical Engineer at NASA
Electrical Engineer at Orion Engineering
Electrical Network Planning Engineer at Saudi electricity company
Electrical Test Engineer at General Motors
Embedded Software Engineer at Ford
Engineer and Student at the Chrysler Institute of Engineering

Engineer at Advanced Electronics, Saudi Arabia
Engineering at Diagnostic Systems Associates
IT Technology Specialist at LandscapeForms
Junior Electrical Engineer at Magneti Marelli
Laboratory Operations Engineer at Whirlpool
Principal Electrical Engineer at Eleyr
Process Engineer at Graphic Packaging International
Product Support Engineer at Gentex
Program Analyst at HCL Global Systems
Software Developer/Network Technician at Level Data
Software Developer at Thompson Reuters
Software Development/Design Engineer at Caterpillar
Software Engineer at Gentex
Software Engineer at HCL Global Systems
Surveyor/Engineer, Approval CMC at DNV GL - Maritime
Systems Engineer at Parker Hanninfin
Systems Test Engineer at General Motors
Technician at Whirlpool
Telecom Engineer at Intel

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Engineering Design Technology

Survey Population 2014–15

Students graduating between August 2014 and June 2015 were surveyed.

Bachelor’s degree recipients 18
Post-Graduation data was obtained for 13 graduates (72%)

Post-Graduation Activity 2014–15

77% of graduates were actively engaged.*

<table>
<thead>
<tr>
<th>Active Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed full time</td>
<td>10</td>
<td>77%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Not Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed and seeking employment</td>
<td>3</td>
<td>23%</td>
</tr>
</tbody>
</table>

Experiential Education

Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

While enrolled at WMU, did you participate in an experiential education activity? 83% Yes (based on 12 responses)

Employment Information

Survey respondents who indicated they were employed were asked to provide additional information about their job, including salary range, job location, and the extent to which the job is related to their degree.

Median Salary Range**

$50,000–$55,000 (based on 10 responses; full-time employment only)

90% located in Michigan (based on 10 responses)

100% reported that their job was related to their degree (based on 10 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

- Application Engineer at Metrologic Group
- Concept Programmer at Armstrong International
- Design Engineer at Getman
- Design Engineer at Laser Precision
- Design Engineer at Shape
- Engineer at Neo Manufacturing
- Facilities Project Engineer Associate at MPI Research
- Industrial Systems Product Engineer
- Manufacturing Engineer at Magna: AIM Systems
- Master Designer at Eaton
- Product Design Engineer at Dimplex Thermal Solutions
- Product Design Engineer at Gast Manufacturing
- Product Design Engineer at Mann+Hummel
- Product Design Engineer at SRG Global
- Product Engineer at Haworth
- Production Control/Material Planner at Boroughs
- Production Support Engineer at Gentex
- Quality Engineer at Metal Technologies
- Quality Engineer Intern at Mann+Hummel
- Senior Drafter/Designer at Whirlpool
- Solutions Engineer at Panasonic Factory Solutions of America
- Special Product Designer at Steelcase

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Engineering Management‡

Survey Population 2014–15

Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 88% of all Engineering Management graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>count</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>21</td>
<td>17</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>11</td>
<td>11</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15

88% of undergraduates and 100% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>15</td>
<td>88%</td>
</tr>
<tr>
<td>13</td>
<td>76%</td>
</tr>
<tr>
<td>1</td>
<td>6%</td>
</tr>
<tr>
<td>1</td>
<td>6%</td>
</tr>
<tr>
<td>2</td>
<td>12%</td>
</tr>
<tr>
<td>2</td>
<td>12%</td>
</tr>
</tbody>
</table>

Experiential Education

Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates

94% Yes
(based on 18 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students

73% Yes
(based on 11 responses)

‡ Data includes graduates who earned degrees in Engineering Management and Engineering Mgmt Technology.

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Engineering Management

Employment Information
Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>$50,000–$55,000</td>
<td>$62,500–$67,500</td>
</tr>
</tbody>
</table>

(based on 11 responses)
(based on 6 responses)

87% located in Michigan
(based on 23 responses)

88% reported that their job was related to their degree
(based on 17 responses; includes ratings of 3, 4, and 5 out of 5)

94% said they were satisfied with their job
(based on 17 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

<table>
<thead>
<tr>
<th>Account Engineer at Manufacturing</th>
<th>Manufacturing Engineer at Landscape Forms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Founder at Green Door Distilling</td>
<td>Manufacturing Engineer at TH Plastics</td>
</tr>
<tr>
<td>Construction Engineer at Spicer Group</td>
<td>Operations Manager, Transportation Technologies at Intertek</td>
</tr>
<tr>
<td>Consulting Manager at Auditrax</td>
<td>Packaging Engineer at Kellogg</td>
</tr>
<tr>
<td>Cost and Concept Engineer at JR Automation</td>
<td>Process Engineer at WMU Facilities Management</td>
</tr>
<tr>
<td>Detailer at Vulcraft</td>
<td>Project Coordinator at StructureTec</td>
</tr>
<tr>
<td>Electrical Engineer at Spartan Motors</td>
<td>Project Engineer at Bastian Solutions</td>
</tr>
<tr>
<td>Engineering Manager at GA Richards</td>
<td>Quality Control Engineer at Chrysler</td>
</tr>
<tr>
<td>Entry Level Project Engineer at Ford</td>
<td>Quality Engineer at TH Plastics</td>
</tr>
<tr>
<td>Industrial Engineer at Getman</td>
<td>Quality Process Engineer at eAgile</td>
</tr>
<tr>
<td>Industrial Engineering Intern at Tenneco Automotive</td>
<td>R&amp;D Project Manager at Stryker</td>
</tr>
<tr>
<td>Inside Sales Representative at Alro Steel</td>
<td>Senior Engineer at Eaton</td>
</tr>
<tr>
<td>Lead Engineer at Eaton</td>
<td>Senior Process Engineer at Pfizer</td>
</tr>
<tr>
<td>Lead Supplier Quality Engineer at GE Aviation</td>
<td>Supplier Development Quality Engineer at Stryker</td>
</tr>
<tr>
<td>Manufacturing Engineer at Ford</td>
<td></td>
</tr>
</tbody>
</table>

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Graphic and Printing Science

Survey Population 2014–15

Students graduating between August 2014 and June 2015 were surveyed.

<table>
<thead>
<tr>
<th>Bachelor’s degree recipients</th>
<th>Post-Graduation data was obtained for</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>11 graduates (100%)</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15

91% of graduates were actively engaged.*

<table>
<thead>
<tr>
<th>Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employed full time</td>
<td>8</td>
<td>73%</td>
</tr>
<tr>
<td>Employed part time</td>
<td>1</td>
<td>9%</td>
</tr>
<tr>
<td>Continuing education</td>
<td>1</td>
<td>9%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Not Actively Engaged</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unemployed and seeking employment</td>
<td>1</td>
<td>9%</td>
</tr>
</tbody>
</table>

Experiential Education

Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

While enrolled at WMU, did you participate in an experiential education activity?

100% Yes
(based on 10 responses)

Employment InformationΔ

Survey respondents who indicated they were employed were asked to provide additional information about their job, including salary range, job location, and the extent to which the job is related to their degree.

Median Salary Range**

$40,000–$45,000
(based on 8 responses; full-time employment only)

80% located in Michigan
(based on 15 responses)

75% reported that their job was related to their degree
(based on 8 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Corporate Trainee at Quad/Graphics Printing
Customer Service Representative at Fusion Flexo
Digital Prepress Operator at EPI Marketing Services
Flexographic/Process Specialist at Great Lakes Label
Improvement Specialist at Wikoff Color
Leadership Development Associate at EGT Printing Solutions

Managed Print Services Specialist at All Copy Products
Multi-Channel Marketing Specialist at Perrigo
Print Management Trainee at Manufacturing Production Supervisor Associate at Graphic Packaging International
Quality Assurance Specialist at Meridian Health Plan Service Professional at Pharmaceutical Packaging

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.

Δ Employment information is based on the most recent data from 2014–15 graduates, combined with data from 2013–14 graduates which was collected near the time of their graduation. We report two years of employment data together due to low number of responses.

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 100% of all Industrial Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32</td>
<td>count: 32</td>
</tr>
<tr>
<td>Bachelor's degree</td>
<td>18</td>
<td>count: 18</td>
</tr>
<tr>
<td>Master's degree</td>
<td>13</td>
<td>count: 13</td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>1</td>
<td>count: 1</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
100% of undergraduates and 86% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>18</td>
<td>100%</td>
</tr>
<tr>
<td>18</td>
<td>100%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates
93% Yes
(based on 15 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students
79% Yes
(based on 14 responses)

‡ Data includes graduates who earned degrees in Industrial and Entrepreneurial Engineering and Industrial Engineering.
* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Industrial Engineering

Employment Information

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

Undergraduates
$60,000–$65,000
(based on 15 responses)

Graduate students
$65,000–$70,000
(based on 9 responses)

76% located in Michigan
(based on 29 responses)

92% reported that their job was related to their degree
(based on 25 responses; includes ratings of 3, 4, and 5 out of 5)

86% said they were satisfied with their job
(based on 22 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Capacity Management Engineer at Denso Manufacturing Michigan
Controls Engineer at Nextek Power Systems
Engineer at Lincoln Electric
Engineer/Supply Chain Management Specialist at Kohler
Formulation Operator/IE Apprentice at Pfizer
Foundry Engineer at Denison Industries
Industrial Engineer at Applied IE
Industrial Engineer at Benteler Automotive
Industrial Engineer at Gentex
Industrial Engineering Consultant at Shape Manufacturing
Lean Engineer at Johnson Controls
Manufacturing Engineer at Cosma Casting of Magna International
Manufacturing Engineer at Fema Corporation
Manufacturing Engineer at Parker Hannifin
Manufacturing Engineer at Piston Group
Operation Manager at Pacific Rim Foods
Operations Coordinator at General Motors
Platoon Leader at Army National Guard

Process Engineer, Supply Chain Solutions at Dealer Tire
Process Engineer at Denso Manufacturing Michigan
Process Engineer at Spectrum Health
Production/Application Engineer at Geislinger
Production Engineer at AAM
Production Support Engineer at Gentex
Project Engineer at BCE
Project Engineer at Chemico Systems
Project Engineer at G.A. Richards
Quality Engineer at LG Chem
Sales Engineer at Rockwell Automation
Sales Engineer at Toyota Machinery USA
SCM Project Management at Eaton
Self-Employed Project Manager
Senior Business Analyst at Kellogg
Senior Manufacturing Engineer at Stryker
Student Records Senior Functional Analyst at Grand Rapids Community College
Technical Sales/Process Development Engineer at Separation Solutions

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Manufacturing Engineering‡

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 65% of all Manufacturing Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>count</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>13</td>
<td>8</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>4</td>
<td>3</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
100% of undergraduates and 88% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students (two years combined)</th>
<th>count</th>
<th>percent</th>
<th>count</th>
<th>percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 100% Actively Engaged</td>
<td>88% 7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 100% Employed full time</td>
<td>88% 7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 0% Not Actively Engaged</td>
<td>13% 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 0% Unemployed and seeking employment</td>
<td>13% 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates
88% Yes
(based on 8 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students
71% Yes
(based on 7 responses)*

‡ Data includes graduates who earned degrees in Manufacturing Engineering and Manufacturing Engr Technology.
* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
* All post-graduation activity and experiential education data for graduate students is based on the most recent data from 2014-15 graduates, combined with data from 2013-14 graduates which was collected near the time of their graduation. We report two years of data together due to low numbers of responses. There were 6 graduate students who received degrees in 2013-14; post-graduation data was obtained for 5 of them.
Manufacturing Engineering

Employment Information

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

Undergraduates
$62,500–$67,500
(based on 6 responses)

Graduate studentsΔ
$60,000–$65,000
(based on 7 responses)

100% reported that their job was related to their degree
(based on 9 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 9 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Associate Quality Engineer at Fabri-Kal
Casting Engineer at Asama Coldwater Manufacturing
College Graduate in Development with Manufacturing at General Motors
Die Design Engineer at Denso
Energy Engineer at CWC Textron
Engineering Manager at Denso Air Systems
Engineering Technician at Exo-S
Lean Manufacturing Engineer at Summit Polymers
Manufacturing Engineer at Alcoa
Manufacturing Engineer at AAM
Manufacturing Engineer at Eaton

Manufacturing Engineer at Johnson Controls
Manufacturing Engineer at Parker Hannifin
Mechanical Engineer I at Black & Veatch
Process Engineer at Parker Hannifin
Production Engineer at General Motors
Production Engineer at Michigan Automotive Compressors
Production Unit Leader at Chrysler
Project Engineer at Keystone Solutions Group
Project Engineer at Summit Polymers
Quality Engineer at AAM
Quality Engineer at EJ USA

Δ Median salary for graduate students is based on the most recent data from 2014–15 graduates, combined with data from 2013–14 graduates which was collected near the time of their graduation. We report two years of salary data together due to low numbers of responses from graduate students.

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.
Mechanical Engineering

Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 82% of all Mechanical Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>76</td>
<td>count</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>Master’s degree</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
98% of undergraduates and 100% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>46</td>
<td>98%</td>
</tr>
<tr>
<td>40</td>
<td>85%</td>
</tr>
<tr>
<td>2</td>
<td>4%</td>
</tr>
<tr>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>1</td>
<td>2%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

Undergraduates 83% Yes (based on 46 responses)

While enrolled at WMU, did you participate in an experiential education activity?

Graduate Students 67% Yes (based on 15 responses)

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.
Mechanical Engineering

Employment Information

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

Undergraduates
$60,000–$65,000
(based on 31 responses)

Graduate students
$80,000–$85,000
(based on 7 responses)

88% located in Michigan
(based on 50 responses)

100% reported that their job was related to their degree
(based on 40 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 39 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

Analyst at Kyyba
Assistant Program Manager at Hitachi
AutoCAD Technician at Potapa
Control Systems Engineer at General Motors
Design Engineer at Dane Systems
Design Engineer at Getman
Design Engineer at Hart and Cooley
Design Release Engineer at General Motors
Engineer at Whirlpool
Engineer I at Consumers Energy
Head Supervisor at GDK Enterprises
Lean Engineering Trainee at Parker Hannifin
Maintenance Supervisor at Chrysler
Manufacturing Engineer at Lockheed Martin
Material and Process Engineer I at Boeing
Mechanical Design Engineer at Dane Systems
Mechanical Designer at Kingscott Architecture
Mechanical Engineer at DCS
Mechanical Engineer at Hooker DeJong
Mechanical Engineer at JR Automation
Mechanical Engineer at Leco
Mechanical Engineer at Parker Hannifin
Mold and Die Design Engineer at Denso
Plant Engineer at Advanced Architectural Products
Powertrain Thermal Mgmt Systems Engineer at FCA

Powertrain Torque Control Calibration at FCA
Principal Engineer at Stryker
Product Design Engineer at L-3 Communications
Product Development Engineer at FCA
Product Engineer at Armstrong International
Product Engineer at Ficosa
Product Engineer at Johnson Controls
Product Engineer at TK Holdings
Production Supervisor at AAM
Production Support Engineer at Gentex
Project Engineer at Greening Testing Laboratories
Project Engineer at Summit Polymers
Project Engineer at Detroit Engineered Products
R&D Engineer at American Green Technology
Research and Development Engineer at Flowserve
Research and Development Engineer at Viking
Research Associate at Penn State University
Rotational Program at RockTenn
Sales Engineer at Windy City Representatives
Senior Pipeline Engineer at Sunoco Logistics
Senior Product Design Engineer at Gentex
Senior Sales Manager at Kongsberg Automotive
Special Product Design Engineer at Steelcase
Supplier Development Quality Engineer at Stryker
Telecom VPI Engineer at Cummins

** Salary data is self-reported and is not factchecked. Median reported salary ranges are provided for informational purposes only.
Survey Population 2014–15
Students graduating between August 2014 and June 2015 were surveyed. Data was obtained for 88% of all Paper Engineering graduates.

<table>
<thead>
<tr>
<th>All degree recipients</th>
<th>Number of graduates</th>
<th>Post-graduation data was obtained for:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>count</td>
</tr>
<tr>
<td>Bachelor’s degree</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Master’s degree</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Doctoral degree</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

Post-Graduation Activity 2014–15
100% of undergraduates and 100% of graduate students were actively engaged.*

<table>
<thead>
<tr>
<th>Undergraduates (two years combined)*</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>count</td>
<td>percent</td>
</tr>
<tr>
<td>5</td>
<td>100%</td>
</tr>
<tr>
<td>5</td>
<td>100%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>0</td>
<td>0%</td>
</tr>
</tbody>
</table>

Experiential Education
Students who responded to the survey were asked whether they “participated in an experiential education activity” (such as an internship, co-op, practicum, faculty-directed research, or other work experience related to their field of study) while enrolled at WMU.

* “Active engagement” is defined as any type of employment (including full-time, part-time, or temporary employment, self-employment, and post-graduate internships/fellowships); continuing education; or military service. Categories not included in active engagement are unemployed and seeking employment; not seeking employment; and volunteering.

* All post-graduation activity and experiential education data for undergraduates is based on the most recent data from 2014-15 graduates, combined with data from 2013-14 graduates which was collected near the time of their graduation. We report two years of data together due to low numbers of responses. There were 2 undergraduates who received degrees in 2013-14; post-graduation data was obtained for both of them.
Paper Engineering

Employment InformationΔ

Survey respondents who indicated they were employed were asked to provide additional information about their employment, including salary range, job location, a rating of their satisfaction with the job, and the extent to which the job is related to their degree.

Median Salary Ranges**
(Full-Time Employment)

<table>
<thead>
<tr>
<th>Undergraduates</th>
<th>Graduate students</th>
</tr>
</thead>
<tbody>
<tr>
<td>$70,000–$75,000</td>
<td>$57,500–$62,500</td>
</tr>
</tbody>
</table>

100% reported that their job was related to their degree
(based on 10 responses; includes ratings of 3, 4, and 5 out of 5)

100% said they were satisfied with their job
(based on 4 responses; includes ratings of 3, 4, and 5 out of 5)

Sample Job Titles and Employers

| Applications Engineer at Albany International | Ink Chemist at Siegwerk |
| Assistant Professor at University Wisconsin–Stevens Points | Printing Process Engineer at Gemalto |
| Engineer at SCA Tissue | Process Engineer at Neenah Paper |
| Entry Level Engineer at Domtar | Process Engineer at Verso Paper |
| Ink Chemist at Penn Color | Research and Development at York Wallcoverings |

Δ Employment information is based on the most recent data from 2014–15 graduates, combined with data from 2013–14 graduates which was collected near the time of their graduation. We report two years of employment data together due to low numbers of responses.

** Salary data is self-reported and is not fact-checked. Median reported salary ranges are provided for informational purposes only.