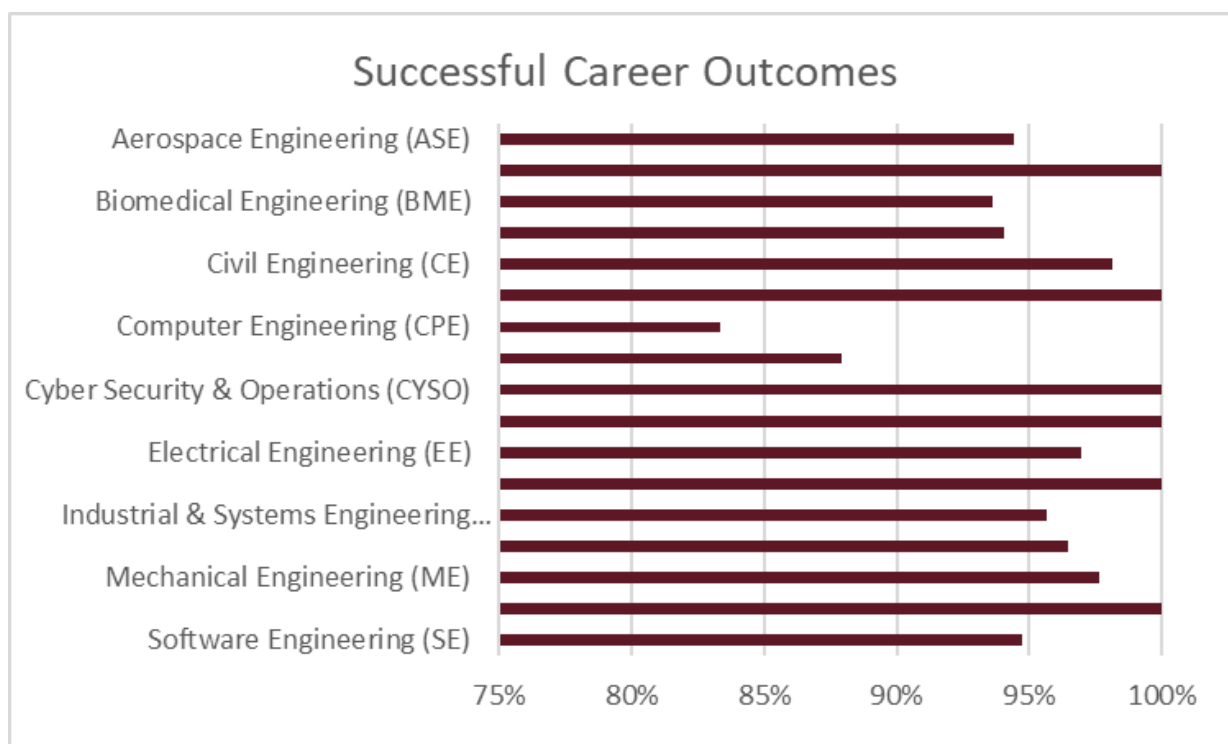# 2022-2023 First Destination Survey Summary

## Bagley College of Engineering

The First Destination Survey is administered to all MSU graduates upon graduation, and data is collected for a period of six months to determine the employment/continuing education status of recently graduated students. The following report comprises data from surveys completed by graduates, responses collected by Career Center ambassadors and staff via phone calls or texts, and data collection from websites such as LinkedIn and Facebook.

The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for all Bagley College of Engineering graduates is 75%, and of the 75% of graduates for which data is available, 95% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.
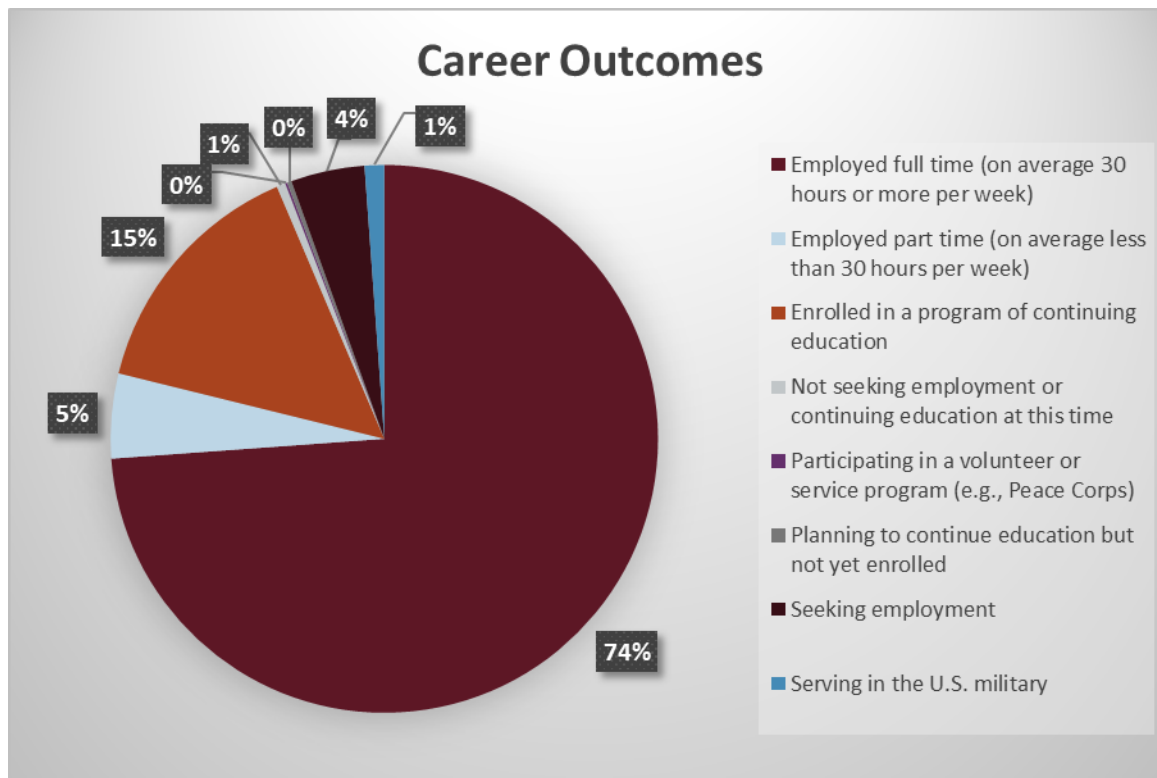


Successful Career Outcomes

## Successful Outcome Rates

| Major* | Degrees | Surveys | Knowledge Rate | Successful Career Outcome** |
|---|---|---|---|---|
| Aerospace Engineering (ASE) | 75 | 56 | 75% | 94% |
| Biological Engineering (BE) | 9 | 9 | 100% | 100% |
| Biomedical Engineering (BME) | 61 | 47 | 77% | 94% |
| Civil Engineering (CE) | 136 | 109 | 80% | 98% |
| Chemical Engineering (CHE) | 91 | 67 | 74% | 94% |
| Computational Engineering (CME) | 4 | 3 | 75% | 100% |
| Computer Engineering (CPE) | 36 | 24 | 67% | 83% |
| Computer Science (CS) | 115 | 83 | 72% | **88%** |
| Cyber Security & Operations (CYSO) | 3 | 1 | 33% | **100%** |
| Electrical & Computer Engineering (ECPE) | 18 | 13 | 72% | 100% |
| Electrical Engineering (EE) | 83 | 66 | 80% | 97% |
| Engineering (ENGR) | 31 | 19 | 61% | 100% |
| Industrial Engineering (IE) | 72 | 58 | 81% | 96% |
| Industrial & Systems Engineering (ISE) | 30 | 23 | 77% | 96% |
| Mechanical Engineering (ME) | 231 | 171 | 74% | 98% |
| Petroleum Engineering (PTE) | 16 | 13 | 81% | 100% |
| Software Engineering (SE) | 32 | 20 | 63% | 95% |
| Total | 1039 | 780 | 75% | 95% |
| MSU | 5831 | 4467 | 77% | 93% |

*Double majors within the College are counted in each major, but only once in the total.*

**Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.*
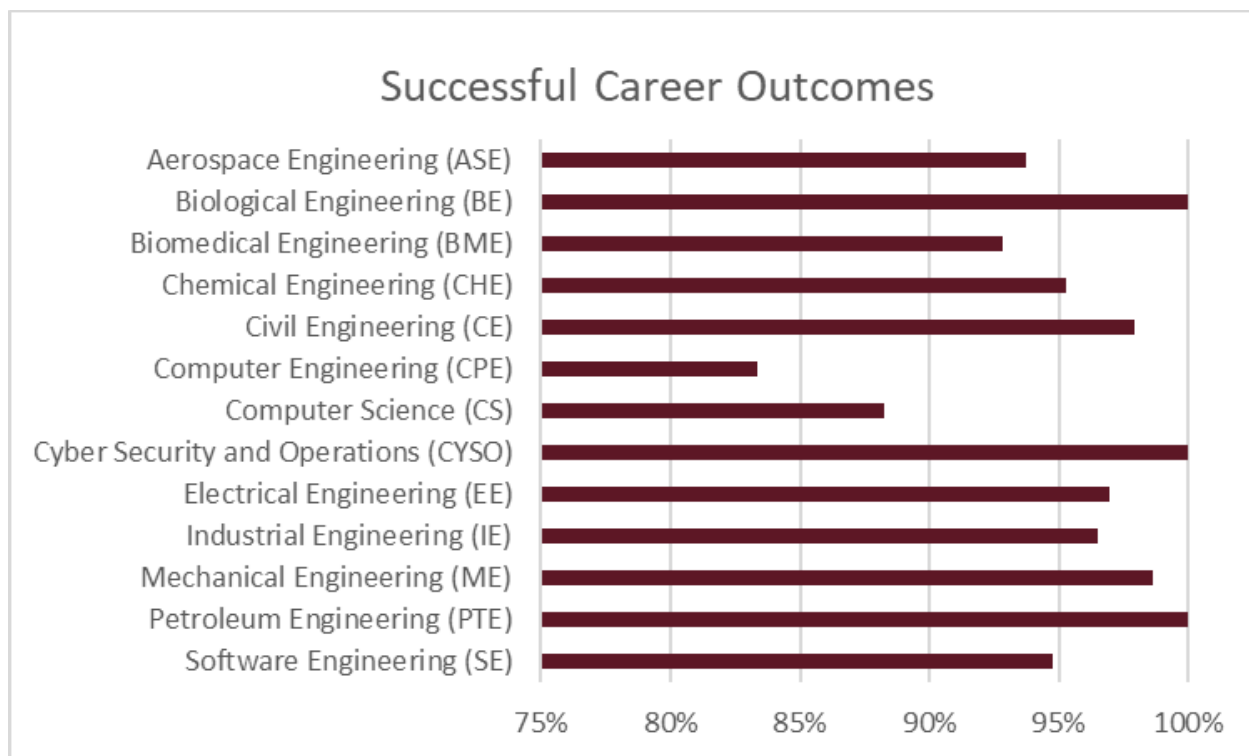
## Career Outcomes



| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 576 | 74% |
| Employed part time (on average less than 30 hours per week) | 39 | 5% |
| Enrolled in a program of continuing education | 115 | 15% |
| Not seeking employment or continuing education at this time | 4 | <1% |
| Participating in a volunteer or service program (e.g., Peace Corps) | 1 | <1% |
| Planning to continue education but not yet enrolled | 2 | <1% |
| Seeking employment | 34 | 4% |
| Serving in the U.S. military | 9 | 1% |
| Total | 780 | 100% |

## Undergraduate Level

The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for undergraduate Bagley College of Engineering graduates is 76%, and of the 76% of graduates for which data is available, 95% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.
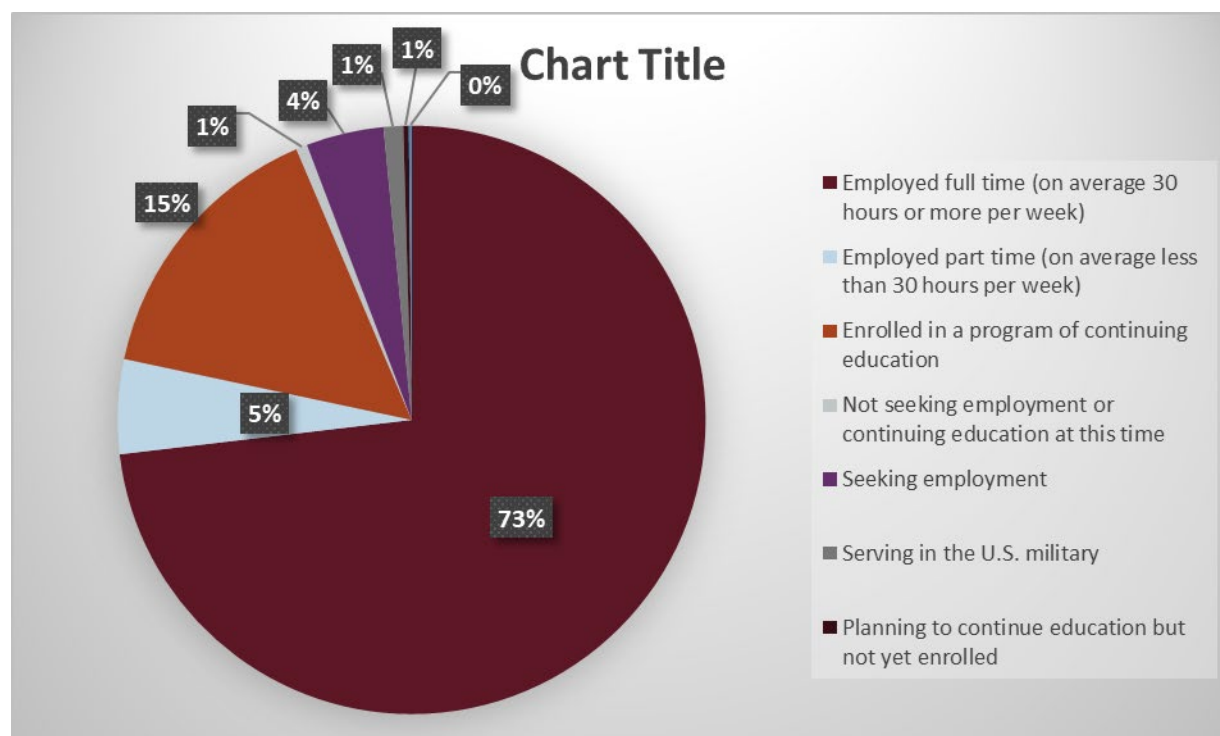
### Successful Career Outcomes

| Program | Outcome |
|---|---|
| Aerospace Engineering (ASE) | ~94% |
| Biological Engineering (BE) | 100% |
| Biomedical Engineering (BME) | ~93% |
| Chemical Engineering (CHE) | ~95% |
| Civil Engineering (CE) | ~98% |
| Computer Engineering (CPE) | ~83% |
| Computer Science (CS) | ~88% |
| Cyber Security and Operations (CYSO) | 100% |
| Electrical Engineering (EE) | ~97% |
| Industrial Engineering (IE) | ~96% |
| Mechanical Engineering (ME) | ~98% |
| Petroleum Engineering (PTE) | 100% |
| Software Engineering (SE) | ~95% |

Successful Outcome Rates

| Major* | Degrees | Surveys | Knowledge Rate | Successful Career Outcome** |
|---|---|---|---|---|
| Aerospace Engineering (ASE) | 68 | 50 | 74% | 94% |
| Biological Engineering (BE) | 8 | 8 | 100% | 100% |
| Biomedical Engineering (BME) | 54 | 42 | 78% | 93% |
| Civil Engineering (CE) | 120 | 96 | 80% | 98% |
| Chemical Engineering (CHE) | 88 | 64 | 73% | 95% |
| Computer Engineering (CPE) | 36 | 24 | 67% | 83% |
| Computer Science (CS) | 95 | 68 | 72% | 88% |
| (CYSO) | 1 | 1 | 100% | 100% |
| Electrical Engineering (EE) | 83 | 66 | 80% | 97% |
| Industrial Engineering (IE) | 72 | 58 | 81% | 96% |
| Mechanical Engineering (ME) | 193 | 147 | 76% | 99% |
| Petroleum Engineering (PTE) | 16 | 13 | 81% | 100% |
| Software Engineering (SE) | 32 | 20 | 63% | 95% |
| Total | 862 | 655 | 76% | **95%** |
| MSU - UG | 4424 | 3373 | 76% | 92% |

*Double majors within the College are counted in each major, but only once in the total.

**Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.

Outcomes

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 479 | 73% |
| Employed part time (on average less than 30 hours per week) | 34 | 5% |
| Enrolled in a program of continuing education | 100 | 15% |
| Not seeking employment or continuing education at this time | 4 | 1% |
| Seeking employment | 28 | 4% |
| Serving in the U.S. military | 7 | 1% |
| Planning to continue education but not yet enrolled | 2 | <1% |
| Participating in a volunteer or service program (e.g., Peace Corps) | 1 | <1% |
| Total | 655 | 100% |

Outcomes by Major

Aerospace Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 28 | 56% |
| Employed part time (on average less than 30 hours per week) | 1 | 2% |
| Enrolled in a program of continuing education | 14 | 28% |
| Not seeking employment or continuing education at this time | 2 | 4% |
| Seeking employment | 3 | 6% |
| Serving in the U.S. military | 2 | 4% |
| Total | 50 | 100% |

Biological Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 4 | 50% |
| Employed part time (on average less than 30 hours per week) | 1 | 13% |
| Enrolled in a program of continuing education | 3 | 38% |
| Total | 8 | 100% |

Biomedical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 14 | 33% |
| Employed part time (on average less than 30 hours per week) | 4 | 10% |
| Enrolled in a program of continuing education | 21 | 50% |
| Seeking employment | 1 | 2% |
| Planning to continue education but not yet enrolled | 2 | 5% |
| Total | 42 | 100% |

Civil Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 85 | 89% |
| Employed part time (on average less than 30 hours per week) | 5 | 5% |
| Enrolled in a program of continuing education | 4 | 4% |

| | | |
|---|---|---|
| Seeking employment | 2 | 2% |
| **Total** | **96** | **100%** |

## Chemical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 48 | 75% |
| Employed part time (on average less than 30 hours per week) | 1 | 2% |
| Enrolled in a program of continuing education | 10 | 16% |
| Seeking employment | 3 | 5% |
| Serving in the U.S. military | 1 | 2% |
| Participating in a volunteer or service program (e.g., Peace Corps) | 1 | 2% |
| Total | 64 | 100% |

## Computer Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 12 | 50% |
| Employed part time (on average less than 30 hours per week) | 3 | 13% |
| Enrolled in a program of continuing education | 5 | 21% |
| Seeking employment | 4 | 17% |
| Total | 24 | 100% |

## Computer Science

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 41 | 60% |
| Employed part time (on average less than 30 hours per week) | 4 | 6% |
| Enrolled in a program of continuing education | 15 | 22% |
| Seeking employment | 8 | 12% |
| **Total** | **68** | **100%** |

## Electrical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 55 | 83% |
| Employed part time (on average less than 30 hours per week) | 3 | 5% |
| Enrolled in a program of continuing education | 6 | 9% |
| Seeking employment | 2 | 3% |
| Total | 66 | 100% |

## Industrial Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 46 | 79% |
| Employed part time (on average less than 30 hours per week) | 3 | 5% |
| Enrolled in a program of continuing education | 5 | 9% |
| Not seeking employment or continuing education at this time | 1 | 2% |
| Seeking employment | 2 | 3% |

| Serving in the U.S. military | 1 | 2% |
|---|---|---|
| Total | 58 | 100% |

## Mechanical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 120 | 82% |
| Employed part time (on average less than 30 hours per week) | 8 | 5% |
| Enrolled in a program of continuing education | 15 | 10% |
| Seeking employment | 2 | 1% |
| Serving in the U.S. military | 2 | 1% |
| Total | 147 | 100% |

## Petroleum Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 10 | 77% |
| Enrolled in a program of continuing education | 2 | 15% |
| Serving in the U.S. military | 1 | 8% |
| Total | 13 | 100% |

## Software Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 16 | 80% |
| Employed part time (on average less than 30 hours per week) | 1 | 5% |
| Enrolled in a program of continuing education | 1 | 5% |
| Not seeking employment or continuing education at this time | 1 | 5% |
| Seeking employment | 1 | 5% |
| Total | 20 | 100% |

## Salary Data

The First Destination Survey asks graduates to report their starting salary and any signing bonuses they may have received. Graduates are not required to respond to these questions, so the compensation data below is not complete as only 19% of graduates who reported employment shared their salaries. Data is only reported for majors with 4 or more salaries/bonuses reported.

| Major | Average | Max | Min | Salary Count | Average Bonus | Bonus Count |
|-------|---------|-----|-----|--------------|---------------|-------------|
| ASE | - | - | - | 3 | - | 2 |
| BE | - | - | - | 0 | - | 0 |
| BME | - | - | - | 3 | - | 1 |
| CE | $78,827 | $500,000 | $45,000 | 34 | $3,455 | 11 |
| CHE | $84,942 | $107,000 | $62,400 | 15 | $7,231 | 13 |
| CPE | - | - | - | 1 | - | 0 |
| CS | $79,000 | $96,000 | $45,000 | 6 | - | 3 |
| EE | $76,246 | $90,000 | $56,115 | 17 | $4,636 | 11 |
| IE | $68,499 | $85,000 | $50,000 | 15 | $3,500 | 4 |
| ME | $74,545 | $90,000 | $65,000 | 11 | $5,000 | 3 |
| PTE | - | - | - | 3 | - | 2 |
| SE | - | - | - | 3 | - | 0 |
| All | $77,010 avg | $161,333 avg | $53,919 avg | 98 | $4,944 avg | 50 |

*Averages only calculated when 4 or more data points are present*

## Employment-Degree Alignment

If a respondent selected employed as their status, they were asked if their employment aligned with their degree awarded from MSU. Of the 98% of respondents who answered, 94% agreed that their degree aligned with their employment.

## Top Employment Locations by State

Of the BCOE graduates who reported being employed, 98% included the state they are employed in. Mississippi was the most popular place of employment, and 85% of the graduates are employed in southeastern states (SEC member institutions).

| State | Count | Percent |
|-------|-------|---------|
| MS | 238 | 47% |
| AL | 56 | 11% |
| TX | 39 | 8% |
| TN | 31 | 6% |
| GA | 20 | 4% |
| LA | 18 | 4% |
| FL | 16 | 3% |
| AR | 10 | 2% |
| NC | 8 | 2% |
| MI | 6 | 1% |
| OH | 5 | 1% |

| | | |
|---|---|---|
| CA | 5 | 1% |
| MA | 5 | 1% |
| KY | 4 | 1% |
| MD | 4 | 1% |
| CO | 4 | 1% |
| MO | 4 | 1% |
| UT | 3 | <1% |
| VA | 3 | <1% |
| WA | 3 | <1% |
| NY | 2 | <1% |
| OK | 2 | <1% |
| CT | 2 | <1% |
| IL | 2 | <1% |
| NM | 2 | <1% |
| Total | 503 | 100% |

*Percent of graduates who reported full- or part- time employment and location,*
*36 states, Washington D.C., and 1 foreign countries*

## Top Employing Organizations by Number of Graduates Hired

The top employers of BCOE graduates are listed below, along with their NAICS categories and number of students hired.

| Organization | Count |
|---|---|
| Entergy Corporation | 14 |
| International Paper | 14 |
| Mississippi Department of Transportation | 12 |
| Northrop Grumman | 10 |
| Georgia Pacific | 9 |
| Mississippi State University | 8 |
| Chevron Corporation | 8 |
| U.S. Army Corps of Engineers - Engineering Research and Development Center (ERDC) | 8 |
| Tennessee Valley Authority | 6 |
| Paccar Engine Company | 6 |
| Huntington Ingalls Industries | 6 |
| Dow Chemical Company, The | 5 |
| Southern Company | 5 |
| Fast Enterprises, LLC | 5 |
| Gulfstream Aerospace | 5 |
| Kimley-Horn and Associates, Inc. | 5 |
| Neel-Schaffer, Inc. | 4 |
| Toyota Motor Corporation | 4 |
| SilMan Industries | 3 |
| Dynetics, Inc. | 3 |
| Raytheon | 3 |
| ExxonMobil Corp. | 3 |
| Stryker | 3 |
| Boeing Company | 3 |
| L3Harris Technologies | 3 |
| Garney Construction | 3 |
| Nissan Motor Corporation | 3 |
| Garver | 3 |
| Siemens | 3 |
| Brasfield & Gorrie | 3 |
| Steel Dynamics | 3 |
| Hol-Mac Corporation | 3 |
| Cooperative Energy | 3 |
| Howard Industries | 3 |
| U.S. Air Force | 3 |
| U.S. Army Corps of Engineers | 3 |
| Lockheed Martin | 3 |
| **Total** | **513** |

*318 unique organizations*

## Institutions where Graduates are Continuing Education

Similar to places of employment, the majority of graduates who are pursuing further education are doing so in Mississippi, with 72% attending a university in the state.

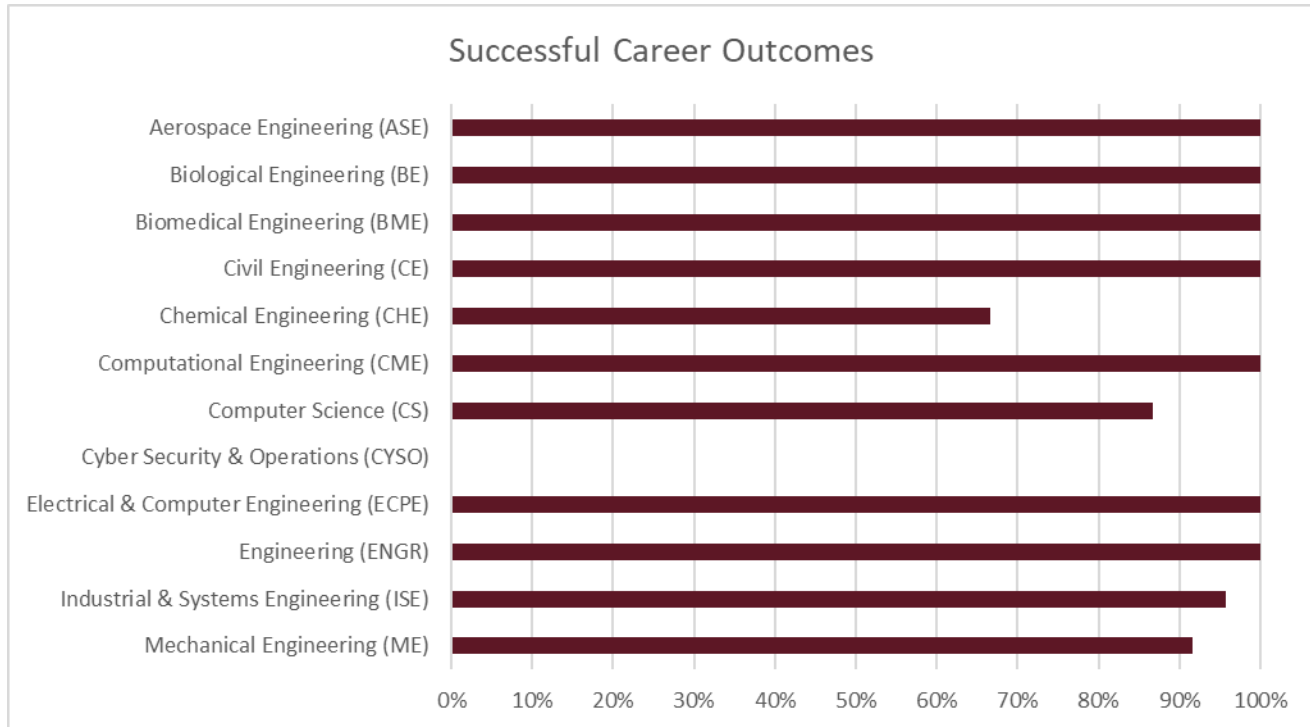| Institution | Count | Percent |
|---|---|---|
| Mississippi State University | 61 | 62% |
| University of Mississippi Medical Center | 9 | 9% |
| University of Georgia | 2 | 2% |
| University of Tennessee Health Science Center | 2 | 2% |
| University of California at Irvin | 1 | 1% |
| Regis University | 1 | 1% |
| University of North Carolina | 1 | 1% |
| Church Health | 1 | 1% |
| Universitaria De Colombia | 1 | 1% |
| Colorado State University | 1 | 1% |
| Baylor University | 1 | 1% |
| George Mason University | 1 | 1% |
| Pennsylvania State University | 1 | 1% |
| Howard University | 1 | 1% |
| Stanford University | 1 | 1% |
| Louisiana State University | 1 | 1% |
| University of Alabama at Huntsville | 1 | 1% |
| Mississippi College-Law | 1 | 1% |
| University of Cambridge | 1 | 1% |
| University of Southern California | 1 | 1% |
| Brightpoint Community College | 1 | 1% |
| Auburn University | 1 | 1% |
| Carnegie Mellon University | 1 | 1% |
| University of Virginia | 1 | 1% |
| University of the Cumberlands | 1 | 1% |
| North Carolina State University | 1 | 1% |
| ATP Flight School | 1 | 1% |
| Ohio University | 1 | 1% |
| Total | 98 | 100% |

*Percent of graduates enrolled in a program of continuing education and provided institution name*
*29 unique institutions*

2022-2023 First Destination Survey Summary
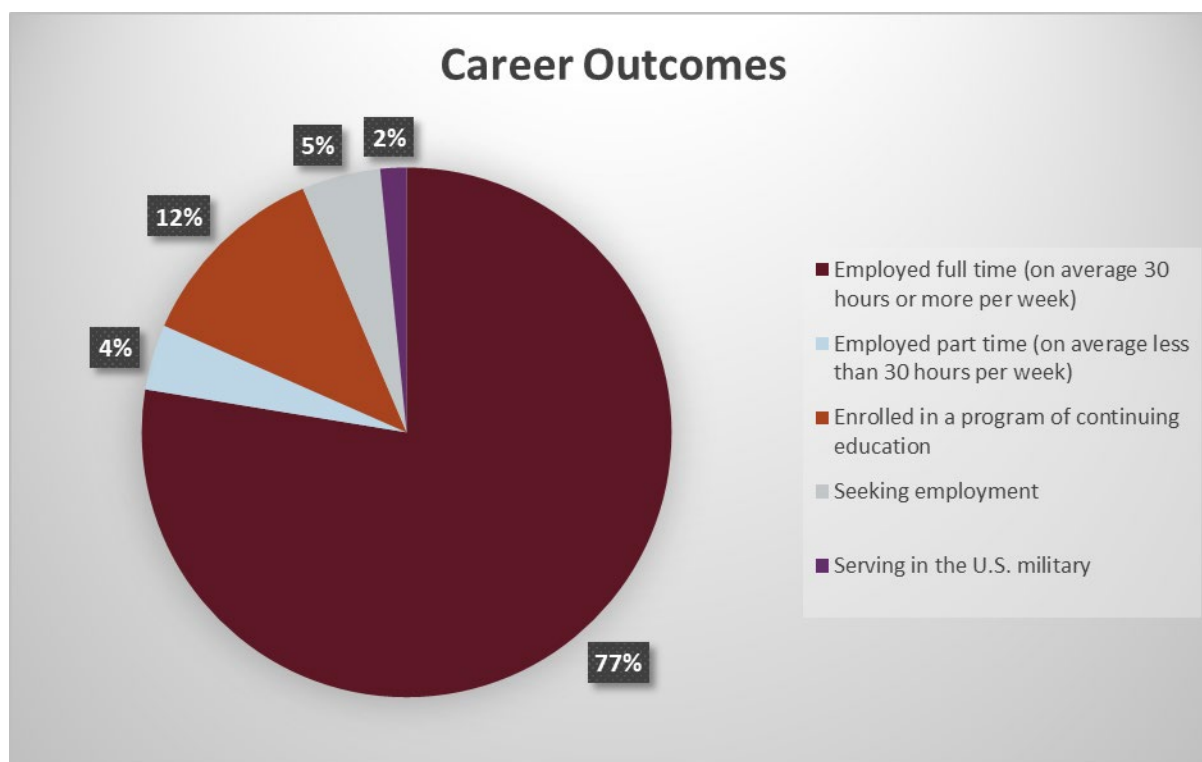Bagley College of Engineering

## Graduate Level

The knowledge rate (percentage of graduates for which reliable outcome data has been collected) for graduate level Bagley College of Engineering graduates is 75%, and of the 75% of graduates for which data is available, 95% reported a successful career outcome (employed, continuing education, participating in a volunteer or service program, or serving in the military) within 6 months of graduation. All percentages are rounded.

### Successful Career Outcomes



## Successful Outcome Rates

| Major | Degrees | Surveys | Knowledge Rate | Successful Career Outcome* |
|---|---|---|---|---|
| Aerospace Engineering (ASE) | 7 | 6 | 86% | 100% |
| Biological Engineering (BE) | 1 | 1 | 100% | 100% |
| Biomedical Engineering (BME) | 7 | 5 | 71% | 100% |
| Civil Engineering (CE) | 16 | 13 | 81% | 100% |
| Chemical Engineering (CHE) | 3 | 3 | 100% | 67% |
| Computational Engineering (CME) | 4 | 3 | 75% | 100% |
| Computer Science (CS) | 20 | 15 | 75% | 87% |
| Cyber Security & Operations (CYSO) | 2 | 0 | 0% | 0% |
| Electrical & Computer Engineering (ECPE) | 18 | 13 | 72% | 100% |
| Engineering (ENGR) | 31 | 19 | 61% | 100% |
| Industrial & Systems Engineering (ISE) | 30 | 23 | 77% | 96% |
| Mechanical Engineering (ME) | 38 | 24 | 63% | 92% |
| Total | 177 | 125 | 71% | 95% |
| All MSU – GR | 1412 | 1100 | 78% | 95% |

*Successful Career Outcome = Employed + Enrolled + Volunteering + Military / Total – Not seeking or continuing education.*

## Outcomes

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 97 | 78% |
| Employed part time (on average less than 30 hours per week) | 5 | 4% |
| Enrolled in a program of continuing education | 15 | 12% |
| Seeking employment | 6 | 5% |
| Serving in the U.S. military | 2 | 2% |
| Total | 125 | 100% |

## Outcomes by Major

### Aerospace Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 5 | 83% |
| Serving in the U.S. military | 1 | 17% |
| Total | 6 | 100% |

### Biological Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 1 | 100% |

Biomedical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 4 | 80% |
| Employed part time (on average less than 30 hours per week) | 1 | 20% |
| Total | 5 | 100% |

Civil Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 12 | 92% |
| Enrolled in a program of continuing education | 1 | 8% |
| Total | 13 | 100% |

Chemical Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 2 | 67% |
| Seeking employment | 1 | 33% |
| Total | 3 | 100% |

Computational Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 2 | 67% |
| Enrolled in a program of continuing education | 1 | 33% |
| Total | 3 | 100% |

Computer Science

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 13 | 87% |
| Seeking employment | 2 | 13% |
| Total | 17 | 100% |

Electrical & Computer Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 10 | 77% |
| Enrolled in a program of continuing education | 3 | 23% |
| Total | 13 | 100% |

Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 17 | 89% |
| Employed part time (on average less than 30 hours per week) | 1 | 5% |
| Enrolled in a program of continuing education | 1 | 5% |
| Total | 19 | 100% |

Industrial & Systems Engineering

| Status | Count | Percent |
|---|---|---|
| Employed full time (on average 30 hours or more per week) | 15 | 65% |
| Employed part time (on average less than 30 hours per week) | 2 | 9% |
| Enrolled in a program of continuing education | 5 | 22% |
| Seeking employment | 1 | 4% |
| Total | 23 | 100% |

Mechanical Engineering

| Status | Count | Percent |
|---|---|---|
| Serving in the U.S. military | 1 | 4% |
| Employed full time (on average 30 hours or more per week) | 16 | 67% |
| Employed part time (on average less than 30 hours per week) | 1 | 4% |
| Enrolled in a program of continuing education | 4 | 17% |
| Seeking employment | 2 | 8% |
| Total | 24 | 100% |

Salary Data

The compensation data below is not complete as only 21% of graduates who reported employment shared their salaries. Data is only reported for majors with 4 or more salaries/bonuses reported. Only two bonuses were reported across all majors, so that data has been omitted.

| Major | Average | Max | Min | Salary Count |
|---|---|---|---|---|
| ASE | - | - | - | 0 |
| BE | - | - | - | 0 |
| BME | - | - | - | 0 |
| CE | $97,750 | $150,000 | $70,000 | 4 |
| CHE | - | - | - | 0 |
| CS | $102,250 | $163,000 | $75,000 | 6 |
| CYSO | - | - | - | 0 |
| ECPE | - | - | - | 0 |
| ENGR | $104,250 | $150,000 | $35,000 | 4 |
| IE | - | - | - | 0 |
| ISE | $123,400 | $160,000 | $92,000 | 5 |
| ME | - | - | - | 2 |
| All | $104,452 | $140,200 avg | $69,800 avg | 21 |

*Averages only calculated when 4 or more data points are present*

## Employment-Degree Alignment

If a respondent selected employed as their status, they were asked if their employment aligned with their degree awarded from MSU. Of the 98% of respondents who answered, 96% agreed that their degree aligned with their employment.

## Employment Locations by States

Of the BCOE graduates who reported being employed, 92% included the state they are employed in. Mississippi was the most popular place of employment, and 77% of the graduates are employed in southeastern states (2023 SEC member institutions).

| State | Count | Percent |
|---|---|---|
| MS | 42 | 45% |
| AL | 12 | 13% |
| TX | 6 | 6% |
| FL | 5 | 5% |
| TN | 4 | 4% |
| CO | 4 | 4% |
| CA | 3 | 3% |
| OH | 2 | 2% |
| GA | 2 | 2% |
| OR | 1 | 1% |
| AZ | 1 | 1% |
| CT | 1 | 1% |
| WA | 1 | 1% |
| OK | 1 | 1% |
| LA | 1 | 1% |
| RI | 1 | 1% |
| AR | 1 | 1% |
| NY | 1 | 1% |
| VA | 1 | 1% |
| IL | 1 | 1% |
| AK | 1 | 1% |
| IN | 1 | 1% |
| All | 93 | 100% |

*Percent of graduates who reported full- or part- time employment and location*
*24 state, remote,3 foreign countries*

Top Employing Organizations by Number of Graduates Hired

| Organization | Count |
|---|---|
| Mississippi State University | 20 |
| U.S. Army Corps of Engineers - Engineering Research and Development Center (ERDC) | 4 |
| Raytheon | 3 |
| U.S. Air Force | 3 |
| Texas Instruments (TI) | 2 |
| Mississippi Department of Transportation | 2 |
| Terracon Consultants | 2 |
| Biohorizons | 1 |
| Riverside Technology Inc. | 1 |
| Oak Ridge National Laboratory | 1 |
| Blue Origin | 1 |
| Wal-Mart | 1 |
| Bombardier | 1 |
| NASA | 1 |
| Boomi Environmental LLC | 1 |
| ProcessMAP | 1 |
| **Total** | **92** |

*65 unique organizations*

## Institutions where Graduates are Continuing Education

Similar to places of employment, the majority of graduates who are pursuing further education are doing so in Mississippi, with 71% attending a university in the state.

| Institution | Count | Percent |
|---|---|---|
| Mississippi State University | 10 | 71% |
| University of Louisville | 1 | 7% |
| University of Florida | 1 | 7% |
| IIITDM Jabalpur | 1 | 7% |
| University of Connecticut | 1 | 7% |
| All | 14 | 100% |

*Percent of graduates enrolled in a program of continuing education and provided institution name*
*5 unique institutions*

## Career Center Interactions – All Levels

Student interactions with Career Center events and services are tracked through the Connections career services manager system. These interactions include co-op and internship participation, attendance at Career Center events, counseling appointments with career advisors, and drop-in appointments.

### Event Attendance

| Event | Student Count |
|---|---|
| Fall 2022 Adkerson School of Accountancy Fair | 2 |
| Fall 2022 Building Construction Science Fair | 30 |
| Fall 2022 Career Expo | 1637 |
| Fall 2022 CVM Career Expo | 2 |
| Fall 2022 Engineering on the Coast Fair | 2 |
| Fall 2022 OCR | 301 |
| Fall 2022 Graduate/Prof. School & Major Exploration Day | 18 |
| Fall 2022 Part Time Job Fair | 128 |
| Spring 2023 Co-op & Internship Interview Days | 231 |
| Spring 2023 Building Construction Science Fair | 2 |
| Spring 2023 Career Expo | 1150 |
| Spring 2023 OCR | 281 |
| **Unique Students** | **1843** |

### BCOE Student Career Center Appointments (scheduled and drop-ins)

| Academic Year | Appointments | Student Count |
|---|---|---|
| 2022-2023 | 977 | 673 |

## Co-op and Internship Participation

| Major | Intern | Co-op | Total Unique |
|---|---|---|---|
| Aerospace Engineering | 3 | 28 | 30 |
| Biomedical Engineering | 3 | 3 | 5 |
| Chemical Engineering | 5 | 91 | 76 |
| Civil & Environmental Engineering | 10 | 28 | 34 |
| Computational Engineering | 1 | - | 1 |
| Computer Engineering | 4 | 12 | 12 |
| Computer Science | 10 | 16 | 22 |
| Cyber Security & Operations | - | 4 | 3 |
| Electrical & Computer Engineering | 12 | 66 | 61 |
| Industrial Engineering | 12 | 29 | 47 |
| Mechanical Engineering | 24 | 148 | 142 |
| Software Engineering | 1 | 7 | 5 |
| Total | 89 | 444 | 442 |

## Reported Co-op Compensation by Major

| Major | Student Count | Avg Hourly Pay* |
|---|---|---|
| Aerospace Engineering | 14 | $20.35 |
| Biomedical Engineering | 3 | - |
| Chemical Engineering | 40 | $23.05 |
| Civil and Environmental Engineering | 12 | $20.71 |
| Computer Engineering | 9 | $20.85 |
| Computer Science | 11 | $16.70 |
| Cyber Security and Operations - Bachelors | 1 | - |
| Electrical and Computer Engineering | 2 | - |
| Electrical Engineering | 34 | $22.50 |
| Industrial and Systems Engineering | 18 | $21.86 |
| Industrial Technology - Bachelors | 4 | $23.75 |
| Mechanical Engineering | 82 | $21.67 |
| Software Engineering | 8 | $22.33 |

*Averages only calculated when 4 or more data points are present*

## Participation by Semester

| Term | Internship | Co-op | Total |
|---|---|---|---|
| Summer 22 | 42 | 169 | 211 |
| Fall 22 | 30 | 127 | 156 |
| Spring 23 | 17 | 148 | 165 |

## First Destination Survey Data Collection

The First Destination Survey is made available to all MSU graduates upon graduation, and the data is collected from graduates for a period of six months. In order to collect as complete a data set as possible, emails are sent out to all students who have applied for graduation to raise awareness of the survey, and Career Center staff reach out to students who have not yet taken to survey to try to collect data by phone and text.

If graduates respond that they are "planning to continue education but not yet enrolled" or "seeking employment," they remain on the call lists so updated information can be gathered. After three months has passed since graduation, these responses count toward the knowledge rate.

The survey is deployed through the Connections career services management system, and students can complete the survey when logged into their Connections account. In addition to students taking the survey themselves, Career Center Ambassadors make phone calls and send texts to graduates who have not taken the survey. Survey responses are checked each week and updated call lists are created so only students who have not yet responded to the survey are contacted in the future. Ambassadors also search websites such as LinkedIn and Facebook to determine employment and graduate school statuses of graduates.

## First Destination Survey Questions

The Career Center deploys the First Destination Survey to all MSU graduates to get an understanding of what their plans are after graduation (e.g., full-time employment, graduate studies, seeking employment). The survey questions are listed below. Sections 2-5 are tied to the response on question 8, so participants only complete 3 of the 6 sections in total. Responses are required for questions with asterisks.

Section 1

1. Email*
2. First Name
3. Last Name
4. Current Major
5. Graduation Date (month/year)*
6. Permanent Email*
7. Phone*
8. Which of the following best describes your primary status after graduation?*
9. Have you started looking for a job?*
10. Which methods are you using to seek employment?
11. Please select the category which best describes your employment.
12. If not seeking employment, what are your plans?
13. Faculty or Staff member highlight who contributed to career success.

Section 2 (If employed)

14. Employing organization*
15. City of employing organization
16. State or Country (if outside U.S.) of employing organization*
17. Job title*
18. If employed full-time, annual base salary amount in U.S. dollars
19. Are you receiving a signing bonus?
20. Signing bonus in U.S. dollars
21. How did you find your job?
22. In which month did you accept the offer?
23. In which year did you accept the offer?
24. Does your employment align with the degree you completed at MSU?*

Section 3 (If participating in a volunteer program)

      25.  Organization*

      26.  Role or title

      27.  City of volunteer assignment

      28.  State or Country (if outside U.S.) of volunteer assignment*

Section 4 (If serving in the U.S. military)

      29.  Service Branch*

      30.  Rank*

      31.  29. City of assignment

      32.  State or Country (if outside U.S.) of volunteer assignment*

Section 5 (If continuing education)

      33.  Name of Institution*

      34.  City of Institution

      35.  State or Country (if outside U.S.) of volunteer assignment*

      36.  Degree*

      37.  Major*

Section 6 (Experiential Learning)

      38.  Did you gain relevant work experience during your degree program?*

      39.  Which type of work experience(s) did you complete?

      40.  If applicable, with which company?

      41.  Did you receive a full-time offer from this employer?

      42.  Did you accept a full-time offer from this employer?