## Mechanical Engineering
*(Bachelor of Science in Mechanical Engineering)*

### Annual Comparison

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Students Granted Baccalaureate Degrees</td>
<td></td>
<td>76</td>
<td>92</td>
<td>90</td>
<td>123</td>
<td>122</td>
</tr>
<tr>
<td>Baccalaureate Degree Respondents</td>
<td></td>
<td>72</td>
<td>90</td>
<td>89</td>
<td>116</td>
<td>117</td>
</tr>
<tr>
<td>Respondents Employed</td>
<td>95%</td>
<td>98%</td>
<td>99%</td>
<td>94%</td>
<td>96%</td>
<td></td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td></td>
<td>65</td>
<td>83</td>
<td>86</td>
<td>104</td>
<td>105</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td></td>
<td>90%</td>
<td>92%</td>
<td>97%</td>
<td>90%</td>
<td>90%</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td></td>
<td>86%</td>
<td>74%</td>
<td>81%</td>
<td>76%</td>
<td>81%</td>
</tr>
<tr>
<td>Respondents Employed in Minnesota</td>
<td></td>
<td>1</td>
<td>3</td>
<td>0</td>
<td>8</td>
<td>7</td>
</tr>
<tr>
<td>Respondents Continuing Education</td>
<td>1%</td>
<td>3%</td>
<td>na</td>
<td>7%</td>
<td>6%</td>
<td></td>
</tr>
<tr>
<td>Internship Participation Respondents</td>
<td></td>
<td>68</td>
<td>85</td>
<td>81</td>
<td>104</td>
<td>106</td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>89%</td>
<td>92%</td>
<td>90%</td>
<td>85%</td>
<td>91%</td>
<td></td>
</tr>
<tr>
<td>Respondents completing an internship or co-op experience (not student teaching)</td>
<td>65%</td>
<td>80%</td>
<td>67%</td>
<td>72%</td>
<td>75%</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>9/49</td>
<td>24/68</td>
<td>15/54</td>
<td>19/75</td>
<td>21/69</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving academic credit for their internship or co-op experience</td>
<td>18%</td>
<td>35%</td>
<td>28%</td>
<td>25%</td>
<td>30%</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving payment for their internship or co-op experience</td>
<td>47/47</td>
<td>66/68</td>
<td>53/54</td>
<td>75/75</td>
<td>69/70</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving payment for their internship or co-op experience</td>
<td>100%</td>
<td>97%</td>
<td>98%</td>
<td>100%</td>
<td>99%</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>25/49</td>
<td>40/68</td>
<td>33/54</td>
<td>48/75</td>
<td>45/68</td>
<td></td>
</tr>
<tr>
<td>Respondents receiving an offer of employment from the internship or co-op site</td>
<td>51%</td>
<td>59%</td>
<td>61%</td>
<td>64%</td>
<td>66%</td>
<td></td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>15/25</td>
<td>33/40</td>
<td>20/33</td>
<td>28/48</td>
<td>32/44</td>
<td></td>
</tr>
<tr>
<td>Respondents accepting the employment offer</td>
<td>60%</td>
<td>83%</td>
<td>61%</td>
<td>58%</td>
<td>71%</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Participation Respondents</td>
<td></td>
<td>68</td>
<td>86</td>
<td>81</td>
<td>104</td>
<td>96</td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>89%</td>
<td>93%</td>
<td>90%</td>
<td>85%</td>
<td>82%</td>
<td></td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Respondents participating in a study abroad program</td>
<td>10%</td>
<td>2%</td>
<td>2%</td>
<td>5%</td>
<td>3%</td>
<td></td>
</tr>
</tbody>
</table>
### Baccalaureate Statistics

<table>
<thead>
<tr>
<th>Awarded Majors</th>
<th>Survey Respondents</th>
<th>Employed</th>
<th>Cont Ed Undergrad</th>
<th>Cont Ed Grad/Prof</th>
<th>Not Seeking</th>
<th>Actively Seeking</th>
<th>No Info</th>
<th>Employed w/State Given</th>
<th>Employed in Minnesota</th>
<th>Employed in Minnesota %</th>
<th>Employed %</th>
<th>% Placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>122</td>
<td>117</td>
<td>105</td>
<td>0</td>
<td>7</td>
<td>0</td>
<td>5</td>
<td>5</td>
<td>105</td>
<td>85</td>
<td>81%</td>
<td>90%</td>
<td>96%</td>
</tr>
</tbody>
</table>

### Reported Annual Salaries

<table>
<thead>
<tr>
<th># Respondents</th>
<th>Low</th>
<th>High</th>
<th>Mean</th>
<th>Median</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>37440</td>
<td>87360</td>
<td>63239</td>
<td>63000</td>
</tr>
</tbody>
</table>

### Job Relevance to Major

<table>
<thead>
<tr>
<th>Respondents</th>
<th>Related</th>
<th>Somewhat Related</th>
<th>Not Related</th>
<th>No Response</th>
<th>% of Total Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>99</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>94%</td>
</tr>
</tbody>
</table>

### Internships

<table>
<thead>
<tr>
<th>Completed an internship</th>
<th>Received academic credit for it</th>
<th>Was paid</th>
<th>Received an offer of employment</th>
<th>Accepted the offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respondents</td>
<td>Respondents # Yes % Yes</td>
<td># Yes %</td>
<td>Respondents # Yes % Yes</td>
<td>Respondents # Yes % Yes</td>
</tr>
<tr>
<td>106</td>
<td>80 75%</td>
<td>69 21% 30%</td>
<td>70 69 99%</td>
<td>68 45 66%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45 32 71%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Study Abroad

<table>
<thead>
<tr>
<th>Studied Abroad</th>
<th>Did not study abroad</th>
<th>No response</th>
</tr>
</thead>
<tbody>
<tr>
<td># Respondents</td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>96</td>
<td>3</td>
<td>3%</td>
</tr>
</tbody>
</table>

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1 “Awarded Majors” includes all majors completed by an individual
2 “Survey Respondents” includes all majors completed by an individual and does not include “No Info”
3 “% Placed” includes “Survey Respondents” who are “Employed,” “Continuing Ed” and “Not Seeking”
4 Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual
5 “Internship” includes internship or co-op, but not student teaching
6 “Respondents” includes all majors completed by an individual
Where Students Interned Prior to Graduation

3M
Absolut Manufacturing
Accraply
Advanced Research Corp.
Altec
American Precision Avionics
AMS Spectral UV
Bosch
Boston Scientific
Cargill
Cirrus Aircraft
Clearwater Composites
Design Ready Controls
Doosan Bobcat
Eaton
Elkay Manufacturing
Energy Insight
FeraDyne Outdoors
Flex Air
FLOE International
Fritze Dezein
Genesis Attachments
Graco
Greenheck
Greystar Electronics
Hewlett-Packard
Hole Products
Honeywell
Hydra-Flex
Integer
Krueger International
Lake Superior Consulting
Lockheed Martin
Logic PD
MC-Cubed
McGough Construction
ME Global
Metropolitan Mechanical Contractors
New Flyer
Northern Power Products, Inc.
Novaspect
Packaging Corporation of America
Packaging Corporation of America
Packaging Corporation of America
Packaging Corporation of America
PAE ISR
Pentair
Polaris
Power Step, Inc.
Real Estate Master
Sappi
Seagate
St. Jude Medical
Stone Machinery
Stratasys
Super Radiator Coils
Superior Lidgerwood Mundy
Team Industries
Terex Corporation
The Jamar Company
TIDI Products
USG
UTC Aerospace Systems
Wood From the Hood
Xcel Energy
YMCA
Ziegler CAT

Employed & Continuing Education After Graduation

3M, St. Paul, MN - Design Engineer
3M, St. Paul, MN - Project Engineer
Abbott, Plymouth, MN - Process Engineer
Accraply, Brooklyn Park, MN - Mechanical Engineer
Advanced Process Technologies, Cokato, MN - Controls Engineer
Altec, Duluth, MN - Manufacturing Engineer (2)
Altec, Osceola, IA - Manufacturing Engineer
American Engineering Testing, St. Paul, MN - Engineering Technician 1
Andersen Corporation, Bayport, MN - Ongoing Product Development Engineer
Arctic Cat, Thief River Falls, MN - Mechanical Engineer (2)
ASI, Division of Thermal Technologies, Green Bay, WI - Mechanical Engineer
Benchmark Electronics, Winona, MN - Product Engineer 1
Bergari Solutions, Rosemount, MN - Mechanical Engineer
Bosch, Owatonna, MN - Mechanical Engineer
Boston Scientific, Maple Grove, MN - Manufacturing Engineer
Boston Scientific, Minneapolis, MN - Designer 1
Boston Scientific, St. Paul, MN - Supplier Engineer
Bretting, Ashland, WI - Mechanical Engineer
BW Papertech, Phillips, WI - Field Service Engineer
Candela Medical, Wayland, MA - Mechanical Engineer
Cargill, Fullerton, CA - Production Management Engineer
Carlisle Fluid Technologies, Blaine, MN - CAD Design Engineer
Chart Industries, New Prague, MN - Mechanical Designer II
Cirrus Aircraft, Duluth, MN - Manufacturing Engineer
Cirrus Aircraft, Duluth, MN - Propulsion Engineer
Clearwater Composites, Duluth, MN - Manufacturing Engineer
Crenlo, Rochester, MN - Manufacturing Engineer
Croix Gear & Manufacturing, Hudson, WI - Mechanical Engineer
Curtiss-Wright, Minneapolis, MN - Mechanical Design Engineer
Daikin Applied, Plymouth, MN - Application Engineer
Dahl Consulting, Plymouth, MN - Publication Development Specialist
Daikin Applied, Plymouth, MN - Application Engineer
Design Tanks, Sioux Falls, SD - Design & Process Engineer
DS Smith, Lester Prairie, MN - Product Design Engineer
Duluth, MN - Manufacturing Engineer
Eaton, Dacono, CO - Product Manager
Ecolab, St. Paul, MN - Mechanical Engineer
Ecolab, St. Paul, MN - Mechanical Engineer
Employed & Continuing Education After Graduation (cont.)

FLOE International, McGregor, MN - Engineer
Fritze Dezein, Hastings, MN - Engineer
General Pattern Company, Blaine, MN - Manufacturing Engineer
Geotek, Stewartville, MN - Test Engineer
Gilbert Mechanical Contractors, Edina, MN - Design Engineer
Hewlett-Packard, Chippewa Falls, WI - Mechanical Engineer
Hole Products, Little Falls, MN - Junior Mechanical Engineer
Honeywell, Minneapolis, MN - Manufacturing Engineer
HSR Associates, La Crosse, WI - Mechanical Technician
Hydra-Flex, Savage, MN - Manufacturing Engineer
Innovatech Labs, Plymouth, MN - Quality Engineer
Integer, Brooklyn Park, MN - Quality Engineer 1
IntelliGen Technologies, Madison, WI - Mechanical Engineer
L&M Radiator, Inc., Hibbing, MN - Design Application Engineer
Lake Superior Consulting, Duluth, MN - Mechanical Engineer (2)
Lake Superior Consulting, Duluth, MN - Pipeline Engineer (2)
LasX Industries, White Bear Lake, MN - Project Engineer
Lockheed Martin, Palmdale, CA - Manufacturing Engineer
MedSource Labs, Chaska, MN - Product Development Specialist
Medtronic, Minneapolis, MN - Reliability Engineer
ME Global, Duluth, MN - Engineer
ME Global, Duluth, MN - Pattern Shop Supervisor
Michaud Cooley Erickson, Minneapolis, MN - Fire Protection Engineer
Micro Tech Computers, Burnsville, MN - Design Engineer
Molded Fiber Glass Companies, Gainesville, TX - Process Engineer
Nonin, Plymouth, MN - Mechanical Engineer
Nordic Components, Waconia, MN - Mechanical Design Engineer
Northern Power Products, Inc., Eagan, MN - Product Support Engineer
Northrop Grumman, Plymouth, MN - Associate Manufacturing Engineer
Nystrom, Brooklyn Park, MN - Product Engineer
Olympus Surgical Technologies America, Brooklyn Park, MN - Market Quality Engineer
Onmnetics Connector Corporation, Fridley, MN - Project Engineer
Oshkosh Defense, Oshkosh, WI - Engineer
Oshkosh Defense, Oshkosh, WI - Testing & Development Mechanical Engineer
PAE ISR, Sterling, VA - Mechanical Engineer II
Parker Hannifin, New Hope, MN - Sustaining Design Engineer
Pettibone Traverse Lift, Baraga, MI - Value Added Value Engineer
Polaris, Roseau, MN - Manufacturing Engineer
Polaris, Roseau, MN - Powertrain EDP Validation Engineer
Polaris, Wyoming, MN - Engineering Development Program Powertrain Associate Engineer
Power Engineer & Manufacturing, Blaine, MN - Production Engineer
Real Estate Master, Maplewood, MN - Carpenter
Reell Precision Manufacturing, St. Paul, MN - Mechanical Engineer I
RFA Engineering, Eden Prairie, MN - Mechanical Engineer 1
Sappi, Cloquet, MN - Maintenance Supervisor
Seagate, Shakopee, MN - Mechanical Engineer
Smith Engineering, Chaska, MN - Design Engineer
Solar Turbines, San Diego, CA - Design Engineer
SpecSys, Cloquet, MN - Mechanical Engineer
Stanley LaBounty, Two Harbors, MN - Design Engineer
Summit Medical, Eagan, MN - Mechanical Engineer
Sunbelt Rental, Burnsville, MN - HVAC Design Engineer
Swagelok Minnesota, Chaska, MN - Sales Engineer
Textron Specialized Vehicles, St. Cloud, MN - Manufacturing Engineer
The Toro Company, Shakopee, MN - Mechanical/Materials Engineer
The Toro Company, Windom, MN - Manufacturing Engineer
TKDA, Duluth, MN - Rail Division Mechanical Engineer
Twin City Fan, Plymouth, MN - Product Marketing Engineer
UPS, Minneapolis, MN - Industrial Engineering Supervisor
Vante, Tucson, AZ - Design Engineer I
Windsor Engineers, Duluth, MN - Mechanical Engineer-in-Training
Wood From the Hood, Minneapolis, MN - Assistant
Xcel Energy, St. Paul, MN - Pipeline Compliance & Standards Engineer
YMCA, Minneapolis, MN - Facilities & Building Engineer
Zierden Builders, Duluth, MN - Construction Laborer
Graduate School, Applied Materials Science, University of Minnesota Duluth, Duluth, MN (3)
Graduate School, Environmental Health & Safety, University of Minnesota Duluth, Duluth, MN
Graduate School, Mechanical Engineering, University of Minnesota Duluth, Duluth, MN (3)