<table>
<thead>
<tr>
<th>Measure</th>
<th>Operational Definition</th>
<th>Departmental Response</th>
<th>Comments (if needed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Number of Degrees Per Academic Year</td>
<td>For each of the three most recent years, average of the number of degrees awarded per academic year.</td>
<td>0 3 1</td>
<td></td>
</tr>
<tr>
<td>2 Graduation Rates</td>
<td>For each of the three most recent years, the average of the percent of first-year doctoral students who graduated within ten years.</td>
<td>na na na</td>
<td>The degree program was authorized less than 10 years ago</td>
</tr>
<tr>
<td>3 Average Time to Degree</td>
<td>For each of the three most recent years, average of the graduates' time to degree.</td>
<td>na 3 2.9</td>
<td></td>
</tr>
<tr>
<td>4 Employment Profile (in field within one year of graduation)</td>
<td>For each of the three most recent years, the number and percent of graduates by year employed, those still seeking employment, and unknown.</td>
<td>na 100% employed 100% employed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Admission Criteria</td>
<td>Description of admission factors.</td>
<td></td>
</tr>
<tr>
<td>---</td>
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</tr>
</tbody>
</table>
| 5 |                   | • A master’s degree in engineering or one of the natural sciences from an accredited U.S. institution, or from an acceptable foreign university  
    • A grade point average of 3.3 or better on a 4-point scale.  
    • GRE scores of 150, 160 and 4 for the verbal, quantitative and analytical writing components, respectively, are advisable based on our experience with student success in the program.  
    • Three letters of recommendation from individuals who are familiar with the student’s record, and are able to judge the candidate’s preparation and ability to succeed in doctoral study in Mechanical Engineering.  
    • An essay describing motivation for doctoral study and how it relates to the student’s professional goals. |
<p>| 6a| Enrollment        | Number of FTS                     |   |
|   |                   | Total number of students          |   |
|   |                   | <strong>2014F</strong> | <strong>2015F</strong> | <strong>2016F</strong> |
| 6 | Percentage of Full-time Students | FTS (^2) / number of students enrolled (headcount) for the last three fall semesters. | 100% | 100% | 98.60% |
| 7 | Average Institutional Financial Support Provided | For those receiving financial support, the average monetary institutional support provided per full-time graduate student for the prior year from assistantships, scholarships, stipends, grants, and fellowships (does not include tuition or benefits). If you wish to indicate tuition and benefits in addition to the Responses here, please include amounts and reason in &quot;Comments&quot;. | $2,150 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Percentage Full-Time Students with Institutional Financial Support</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In the prior year, the number of FTS with at least $1000 of annual support / the number of FTS.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>2014F</td>
<td>2015F</td>
</tr>
<tr>
<td></td>
<td>100%</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Number of Core Faculty</td>
<td>Number of core faculty in the prior year.</td>
<td>16</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2013-14</td>
<td>2014-15</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.0625</td>
<td>0.21</td>
</tr>
<tr>
<td>10</td>
<td>Student to Core Faculty Ratio</td>
<td>For each of the three most recent years, average of full-time student equivalent (FTSE) / average of full-time faculty equivalent (FTFE) of core faculty.</td>
<td>10.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2013</td>
<td>2014</td>
</tr>
<tr>
<td>11</td>
<td>Core Faculty Publications</td>
<td>For each of the three most recent years, average of the number of discipline-related refereed papers or publications, books or book chapters, juried creative or performance accomplishments, and notices of discoveries files or patents issued per core faculty member</td>
<td>13 / $281,110/ $3,684,425</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2013-14</td>
<td>2014-15</td>
</tr>
<tr>
<td>12</td>
<td>Core Faculty External Grants</td>
<td>For each of the three most recent years, (1) average of the number of core faculty receiving external funds, (2) average external funds per faculty, and (3) total external funds per program per academic year.</td>
<td>120.75</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2013-14</td>
<td>2014-15</td>
</tr>
<tr>
<td>13</td>
<td>Faculty Teaching Load</td>
<td>Total number of semester credit hours in organized teaching courses taught per academic year by core faculty divided by the number of core faculty.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2014F</td>
<td>2015F</td>
</tr>
<tr>
<td>14a</td>
<td>Faculty Diversity</td>
<td>Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.</td>
<td>11</td>
</tr>
<tr>
<td>14b</td>
<td>Faculty Diversity</td>
<td>Core faculty by ethnicity (White, Black, Hispanic, Other) and gender, updated when changed.</td>
<td>2</td>
</tr>
<tr>
<td>Code</td>
<td>Section</td>
<td>Description</td>
<td>2014F</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>------------------------------------------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>15a</td>
<td>Student Diversity</td>
<td>Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>47</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Female</td>
</tr>
<tr>
<td>15b</td>
<td>Student Diversity</td>
<td>Enrollment headcount by ethnicity (White, Black, Hispanic, Other) and gender in program during the prior year.</td>
<td>8</td>
</tr>
<tr>
<td>16</td>
<td>Date of Last External Review</td>
<td>Date of last formal external review, updated when changed.</td>
<td>Fist external review scheduled for Fall 2018</td>
</tr>
<tr>
<td>17</td>
<td>External Program Accreditation</td>
<td>Name of body and date of last program accreditation review, if applicable, updated when changed.</td>
<td>In the US, the engineering accreditation agency, ABET, does not accredit PhD programs</td>
</tr>
<tr>
<td>18</td>
<td>Student Publications &amp; Presentations</td>
<td>For the three most recent years, the number of discipline-related papers &amp; publications, juried creative or performance accomplishments, book chapters, books, and external presentations per year by student FTE.</td>
<td>Students publish or present with their faculty advisor.</td>
</tr>
</tbody>
</table>

1 Programs included only if in existence three or more years. Program is defined at the 8-digit CIP code level.
2 First-year doctoral students. Those students who have matriculated as doctoral students with a doctoral degree objective.
3 For each academic year, the time to degree is defined as beginning the year students matriculated with a doctoral degree objective until the year they graduated.
4 This report includes only students enrolled full time in the fall semester of the given year. Full-time enrollment is defined as enrollment for 9 hours or more of course work.
5 All external funds received by core faculty from any source including research grants, training grants, gifts from foundations, etc., reported as expenditures.