This minor was developed for non-Engineering Technology majors and focuses on skills and techniques used to improve processes and systems in a variety of industries. Any student majoring in business, health, criminal justice, CIS, biology, chemistry, technical writing or other fields will increase their competitiveness with this minor because any organization benefits from reducing cost and increasing productivity and quality. Some examples of industries who are looking for improvement analysts include Biotechnology, Pharmaceuticals, Food, Chemical Industry, Healthcare Services, Telecommunications Services, Medical Devices and Supplies, Financial Services, Insurance, Law enforcement, Business Services, Computer Software, Computer Hardware, Management Consulting Services, Government and Military Engineering Services, Mortgage Industry, Aerospace and Defense, as well as Energy and Utilities.

### Minor in Process Improvement
**Minor Code: IE85**

<table>
<thead>
<tr>
<th>Required Engineering Technology Curriculum</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>IET 320 Applied Statistical Quality Control</td>
<td>3</td>
</tr>
<tr>
<td>IET 440 Six Sigma Methodology</td>
<td>3</td>
</tr>
<tr>
<td>IET 460 Competitive Industrial Practices</td>
<td>3</td>
</tr>
</tbody>
</table>

**Select ONE from:**
- IET 315 Probability & Statistics for Engineers: 3
- MATH 310 Elementary Statistics: 3
- GB 321 Business Statistics: 3
- PSY 320 Applied Statistics for the Behavioral and Natural Sciences: 3

**Select TWO from:**
- IET 205 Computer Applications and Cost Analysis: 3
- IET 355 Work Measurement/Ergonomics: 3
- IET 425 Design of Experiments (WI): 3

For additional information contact:
Dr. Elke Howe
Office: Ummel Technology 153
Phone: 417.625.9849
Email: howe-e@mssu.edu