ENGINEERING TECHNOLOGY & INDUSTRIAL DISTRIBUTION

Enrollment Fall 2015

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>1348</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Graduate Students</th>
<th>135</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master’s (Distance Learning Program)</td>
<td>135</td>
</tr>
</tbody>
</table>

Quality Indicators

<table>
<thead>
<tr>
<th>Total Faculty</th>
<th>43</th>
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<tbody>
<tr>
<td>Professors</td>
<td>11</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>13</td>
</tr>
<tr>
<td>Assistant Professors</td>
<td>2</td>
</tr>
<tr>
<td>Instructional Asst. Professors</td>
<td>2</td>
</tr>
<tr>
<td>Visiting Asst. Professors</td>
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</tr>
<tr>
<td>Lecturers</td>
<td>12</td>
</tr>
<tr>
<td>Sr. Lecturers</td>
<td>2</td>
</tr>
<tr>
<td>Endowed Chair Holders*</td>
<td>2</td>
</tr>
<tr>
<td>Endowed Professorship Holders*</td>
<td>3</td>
</tr>
<tr>
<td>Assoc. Professors of the Practice</td>
<td>1</td>
</tr>
<tr>
<td>*Endowed positions are included under professors</td>
<td></td>
</tr>
</tbody>
</table>

Centers and Laboratories

- Computer-Integrated Manufacturing Laboratory
- DXP Pump Laboratory
- Embedded Systems Laboratory
- Laboratory Fluid Power Laboratory
- Instrumentation and Power Systems Laboratory
- Local and Metropolitan Area Networks Laboratory
- Micro and Nano Manufacturing Laboratory
- Mobile Integrated Solutions Laboratory
- Multimedia and Cloud Computing Laboratory
- Non-Destructive Testing and Evaluation Laboratory
- Product Innovation Center
- Radio Frequency Identification in Distribution Laboratory
- R.C. Womack Fluid Power Laboratory
- RFID/Sensor Laboratory
- Rockwell Automation Laboratory
- Global Supply Chain Laboratory
- Thomas and Joan Read Center for Distribution Research and Education (TEES)
- TI Mixed-Signal Test Laboratory

Research Areas

Automation

- Automation, Robotics and System Integration
- Engineering Education and Cognition
- Hybrid Imaging and Thermal Profiling for Product/Process Characterization
- Nanotechnology
- Smart Design Environments for Reconfigurable Manufacturing Systems

Electronics

- Advanced Environmental Monitoring Systems
- Control Systems
- Embedded Computer Systems
- Embedded Software Development
- Medical Devices
- Product Design and Prototyping
- Radiation Hardness Testing
- Real-Time Software Systems
- RFID/Sensor Integration and Networks
- Semiconductor Device Testing
- Robotics and Smart Vehicles
- Software Development
- Virtual Instrumentation
- Renewable Energy

Manufacturing Processes and Materials

- Advanced Materials
- Asset Management
- Design and Development of Advanced Materials Processing Technologies
- Distribution Best Practices
- Enterprise Performance Management
- K-12 Outreach
- Materials Joining
- Materials Selection and Economics
- Metallurgical Effects of Manufacturing Processes
- Micro/Nano Manufacturing
- Non-Destructive Testing and Evaluation
- Warehouse Design and Optimization

Industrial Distribution

- Competitive Advantage
- Computational Intelligence
- Customer Relationship Management
- Distribution Forecasting
- Distributor Profitability
- Distributor Information Management
- Cost Modeling and Analysis
- Engineering Education and Cognition
- Global Manufacturing
- Hybrid Imaging and Thermal Profiling for Product/Process Characterization
- Logistics and Transportation
- Mechatronics System Design and Prototyping
- Robust Planning and Optimization
- Smart Design Environments for Reconfigurable Manufacturing Systems

Structural Analysis

- Assessment of In-Situ Structural Systems Using Field Measurements

Telecommunication

- Data Communications
- Equipment Application
- Internet Telephony
- Networking
- Quality of Service
- Rural Communication and Telemedicine
- Transmission and Switching
- Wireless Communications and Software Defined Radio

Thermal Sciences

- Electrochemistry
- Energy Conservation
- Heat Transfer
- Thermal System Design