

## ENGINEERING TECHNOLOGY *and* INDUSTRIAL DISTRIBUTION

### Enrollment Fall 2007

<b>Undergraduate Students</b>	<b>882</b>	<b>Graduate Students</b>	<b>26</b>
Average SAT Score	1149	Master's (Distance Learning Program)	26

### Quality Indicators

<b>Total Faculty</b>	<b>42</b>	Endowed Chair Holders	1
Professors	5	Endowed Professorship Holders	4
Associate Professors	9		
Assistant Professors	11		
Non-tenured/Non-tenure Track	17		

### Centers and Laboratories

Center for Telecommunications Technology Management	Rockwell Automation Laboratory
Embedded Systems Laboratory	Supply Chain Systems Laboratory
Freescale Digital Systems Laboratory	Thomas and Joan Read Center for Distribution Research and Education (TEES)
Local and Metropolitan Area Networks Laboratory	TI Mixed-Signal Test Laboratory
Micro and Nano Manufacturing Laboratory	Virtual Instrumentation and Measurement Systems Laboratory
Mobile Integrated Solutions Laboratory	
Radiation Hardness Testing Laboratory	
Radio Frequency Identification in Distribution Laboratory	

### Research Areas

#### Automation

- Automation, Robotics and System Integration
- Smart Design Environments for Reconfigurable Manufacturing Systems

#### Electronics

- Control Systems
- Embedded Computer Systems
- Medical Instrumentation and Robotics
- Radiation Hardness Testing
- Real-Time Software Systems
- Semiconductor Manufacturing Equipment Testing
- Semiconductor Device Testing
- Smart Vehicles
- Software Defined Radio
- Virtual Instrumentation

#### Industrial Distribution

- Competitive Advantage
- Customer Relationship Management
- Distributor Profitability
- Distributor Information Management
- Industrial Marketing
- Industrial Sales
- Inventory Management
- Integrated Supply

- Lean Distribution
- Manufacturing and Distribution Benchmarking
- Operational Excellence
- Quality
- Supply Chain Management
- Value Chain Analysis

#### 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
- Metallurgical Effects of Manufacturing Processes
- Micro/Nano Manufacturing
- Warehouse Design and Optimization

#### Manufacturing Systems

- Globalization
- Manufacturing Systems Optimization
- Optimization Under Partial Information-Sharing

#### Structural Analysis

- Assessment of In-Situ Structural Systems Using Field Measurements

#### Telecommunications

- Data Communications
- Equipment Application
- Internet Telephony
- Networking
- Policy and Regulations
- Quality of Service
- Rural Communications and Telemedicine
- Transmission and Switching
- Wireless Communications

#### Thermal Sciences

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