

BACHELOR OF SCIENCE  
ENGINEERING TECHNOLOGY AND MANAGEMENT  
CORE AREAS OF STUDY



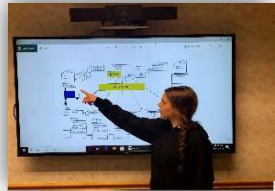
Manufacturing Information Systems		
Computer Methods	Pre-Calculus	Management Information Systems
Programming (1)	Database and Analytics (1)	Electronics & Microcontrollers (1)



Robotics & Automation		
Physics	Pre-Calculus	Mechatronics (11)
Programming (1)	Database and Analytics (1)	Electronics & Microcontrollers (1)
Fluid Power (2)	Programmable Logic Controllers * (3)	Automation & Robotics (4)



Manufacturing Processes		
Chemistry	Physics	Intro to Mfg. Processes (10)
Plastics (5)	Metal Fabrication (6 & 6a)	Metal Machining (7 & 7a)
Product Design (8)	Advanced Plastics * (5)	Production Tooling (9)



Lean Six-Sigma Certificate		
Statistics	Management	Computer Methods
Lean	Quality / Six-Sigma	



Project Management Certificate		
Computer Methods	Accounting	Project Management
Organizational Behavior *	Supervision & Leadership	



Business Minor		
Accounting	Finance	Management Information Systems
Marketing	Operations	

\* Elective Class  
(#) Lab Class



**OHIO**  
UNIVERSITY

**RUSS COLLEGE OF ENGINEERING  
AND TECHNOLOGY**

**Create for Good.**

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**Mission:** The mission of the Engineering Technology and Management (ETM) Department is to develop and Applied Engineering technical/management professional who understands a wide range of subject matter, systems, and is competent in assessing problems, developing alternative solutions, and taking corrective actions.

**Program:** Engineering Technology and Management (ETM)  
 Students Graduate with:

- Bachelor of Science in Engineering Technology and Management (BSETM)
- A Minor in Business Administration

**Certificates:** ETM majors are highly encouraged to participate in certificate programs while completing their degree. Certificates most often competed by ETM majors include:

- Project Management from the Russ College of Engineering and Technology
- Lean Six-Sigma from the Russ College of Engineering and Technology
- Sales from the Ralph and Luci Schey Sales Centre in the College of Business

**Employment Information:**

Based on our annual recent graduate survey, we know that ETM graduates go to work for large international companies as well as small local companies. Commonly reported job titles include: Manufacturing Engineer, Project Engineer, Quality Engineer, Application/Sales Engineer, and Supervisor.

Typical job functions include: analyzing and defining work processes, designing fixtures and special machine setups, supervising facilities modifications, managing operations, and implementing programs such as lean operations and six-sigma.

Employers love ETM graduates! The combination of "hands-on" practical courses, solid technical education as well as the business minor prepare our graduates' to quickly "add value" to the organization.

<b>Sample Employment Salaries for Recent ETM Graduates (2017-18)</b>			
<b>Based on Yearly Recent Graduate Survey (80% Return Rate)</b>			
<b>Sample of Companies Who Have Hired ETM Students</b>		<b>Job Title</b>	<b>Starting Annual Salary</b>
Parker Hannifin	Whirlpool	Lean Engineer	\$60,000
Honda of America	Roysis	Quality Engineer	\$65,000
KTH Parts	TigerPoly	Manufacturing Engineer	\$50,000
Northrop Grumman	TPC Wire	Process Engineer	\$60,000
TATA Consultancy	TS Tech	Project Engineer	\$60,000
Americold Logistics	Swagelock	Industrial Engineer	\$50,000
Lauren Manufacturing	Honeywell	Process Engineer	\$55,000
Toyota	Lockheed Martin	Application Engineer	\$70,000
GKN Sinter Metals	Keyence	Quality Engineer	\$60,000
Sherwin Williams	J.M. Smuckers	Sales Engineer	\$55,000

**\*Average Salary for ETM students who graduated in 2017-18 was approx. \$60,000**