

# PROFESSIONAL MASTER'S IN MANUFACTURING LEADERSHIP

The Professional Master's in Manufacturing Leadership (PMML) is a collaborative effort by the colleges of engineering and business designed to prepare working engineers and scientists for manufacturing leadership roles.

The PMML curriculum will provide you with the advanced technical knowledge, business acumen, and leadership skills needed to succeed in today's workforce. In addition to the core curriculum that includes master's level engineering, the degree program's learning outcomes include how to:

- **Create personal leadership plans** that outline long-term leadership goals
- **Apply project management competencies** to organize, track, and identify risks within the scope of a project
- Devise **roadmaps for the strategic adoption of new technologies** that support changing economies
- **Operationalize organizational changes** for continued economic and technological growth and development
- **Appraise and evaluate formal management strategies** for leading interdisciplinary decisions for manufacturing businesses
- **Analyze and synthesize relevant data** to evaluate emerging and established manufacturing technologies
- **Appraise, Validate, and Optimize the performance of manufacturing systems.**
- **Assess various manufacturing technologies** for future expansion and innovation within the system/organization

The PMML program is a collaborative effort led by Georgia Tech's College of Engineering, and the Scheller College of Business at Georgia Tech. It is delivered via Georgia Tech Professional Education (GTPE), the Institute's continuing and professional education unit.

The flexible, innovative curriculum allows you to learn while you stay in your current job. Program highlights include:

- Two years total to complete, including summers
- A hybrid format taught mostly online, requiring three in-person sessions in Atlanta, throughout the course of the program
- A mini-mester structure, offered each fall and spring, so you can focus on one course at a time
- A student cohort model that encourages collaboration, networking, and community building
- A team-based, hands-on capstone where you receive input from and collaborate with an industry sponsor to solve a real-world problem and synthesize your learning.
- Additional professional certifications in the areas of Six Sigma, project management, and supply chain

For PMML admission requirements, application deadlines, tuition detail, course descriptions, and other information, visit <https://pe.gatech.edu/degrees/pmml>.

The PMML program is a two-year program delivered in a cohort model. A cohort is a group of students working towards a common degree and taking the same classes on the same schedule through completion of the degree. To earn the PMML degree, students must complete ten courses.

## Program of study

Code	Title	Credit Hours
<b>Core Courses</b>		
ISYE 6380	Production Planning and Control	3
ISYE 6381	Manufacturing Reliability	3
ISYE 6382	Quality Control and Six Sigma	3
MGT 6753	Principles of Management for Engineers	3
MGT 6114	Leadership Development	3
MGT 6107	Leadership and Organizational Change	3
MLDR 6800	Manufacturing Leadership Capstone Project	3
MLDR 8803	Special Topics (Supply Chain Strategy and Operations)	3
MLDR 8823	Special Topics (Future Manufacturing Technologies)	3
MLDR 8823	Special Topics (Manufacturing Project Management)	3
<b>Total Credit Hours</b>		<b>30</b>