

# MANUFACTURING SYSTEMS TECHNOLOGY (MASTER OF SCIENCE)

## Application Deadlines

Deadline dates for applications and receipt of all required application materials are:

| Date       | Event            |
|------------|------------------|
| July 1     | Fall Admission   |
| November 1 | Spring Admission |
| April 15   | Summer Admission |

Any exceptions to these deadlines must be granted by the graduate program coordinator.

## Application Materials Required for the MS with a Major in Manufacturing Systems Technology

Applicants for the MS with a major in Manufacturing Systems Technology must submit all of the following documentation to Graduate Admissions to be considered for admission:

Graduate Admissions  
Jacksonville State University  
700 Pelham Road North  
Jacksonville, Alabama 36265-1602

1. Completed JSU Graduate Application for Admission (<https://gr-recruiter.jsu.edu/Apply/Account/Login/>).
2. Non-refundable \$35.00 application processing fee.
3. Official transcripts from the baccalaureate degree awarding institution and **all** transcripts from institutions where post-baccalaureate work has been completed. To be considered for admission, applicants must hold a degree from an institutionally accredited institution or its foreign equivalent. (Students who have previously attended JSU do not need to request a transcript from the University.)
4. International student applicants must see the International Student Applicants (<https://catalog.jsu.edu/graduate/admission/international-student-applicants/>) section of this catalog for other application and enrollment requirements.

## Admission Requirements for the MS with a Major in Manufacturing Systems Technology

An undergraduate degree in an engineering-related area is not required for admission, but candidates with other degrees may be required to complete additional undergraduate courses based on evaluation of academic and professional experiences.

Applicants are admitted on a selective basis upon review of the completed application package.

## Unconditional Admission

Unconditional Admission requires the following:

- An undergraduate degree from an ATMAE or ABET-accredited program with a degree GPA of at least 3.00 on a 4.00 scale

## Conditional Admission

- An applicant who possesses a non-technical undergraduate degree and relevant technical experience must submit a resume and a statement of purpose indicating professional experience and interest in the program.
- An applicant failing to meet the requirements for unconditional admission may be considered for conditional admission upon recommendation from the departmental graduate faculty with approval from the Dean of the Graduate School.

**A student admitted on a conditional basis must attain a minimum GPA of 3.00 on the first 12 semester hours of graduate courses attempted. Failure to meet these conditions will result in the student being removed from their academic program.**

## Minimum Requirements for the MS with a Major in Manufacturing Systems Technology

An overall 3.00 GPA is required on all coursework attempted for the master's degree. Transfer credit cannot be used to raise the GPA to the required 3.00.

| Course                                 | Title                                      | Credits   |
|----------------------------------------|--------------------------------------------|-----------|
| MFG 505                                | Manufacturing Operational Systems I        | 3         |
| MFG 507                                | Manufacturing Operational Systems II       | 3         |
| MFG 511                                | Manufacturing Computer/Information Systems | 3         |
| MFG 515                                | Manufacturing Systems Simulation           | 3         |
| MFG 521                                | Manufacturing Value Analysis               | 3         |
| or BA 511                              | Concepts of Finance and Accounting         |           |
| MFG 531                                | Automated Manufacturing Technology         | 3         |
| MFG 540                                | Safety and Health Administration           | 3         |
| or MFG 550                             | Research Design and Methods                |           |
| MFG 595                                | Project Development and Management         | 3         |
| 6 Hours of 500+ Electives <sup>1</sup> |                                            | 6         |
| <b>Total Hours</b>                     |                                            | <b>30</b> |

<sup>1</sup> Students may be granted up to six hours of graduate elective credit for post-baccalaureate professional work experience.

## Graduation and Comprehensive Exam

No comprehensive exam is required for this degree.

All students must apply for graduation by the deadline of the semester in which they plan to graduate. Please see the Graduation and Comprehensive Exam section of this catalog for more information.