

Metrology Sciences for Aerospace Manufacturing Certificate 25-26



ABOUT THIS MAJOR

This program is designed to familiarize students with the standards and practices of metrology used in the aerospace manufacturing industries, which includes hands-on training and familiarization with metrology tooling, equipment, and systems. Jobs associated with this certificate are Tool & Die Maker, Machinist, Metrology Tech, Dimension Control Tech, Tool Design, and Tool Engineer.

Students must receive a minimum grade of "C" or better in all required core courses and the specific courses listed as program electives to qualify for more information on Metrology Sciences for Aerospace Manufacturing, visit the [Aerospace, Industrial Arts and Applied Technologies \(CTE\)](#) division for the certificate.

TO EARN A Certificate A STUDENT MUST COMPLETE THE FOLLOWING:

- [1] Completion of Major & Program Electives Courses
- [2] Minimum grade point average of 2.0
- [3] A C or better in all courses required for the major

Certificate- Metrology Sciences for Aerospace Manufacturing
[Total Unit Required in the Major 10]

Required Courses, complete ALL courses (10 units)	
MSAM110 - Fundamentals of Dimensional Metrology	4
MSAM115 - Metrology Systems and Application	6

RECOMMENDED PATHWAY

Metrology Sciences for Aerospace Manufacturing Certificate

The Recommended Plan of Study is determined by the discipline faculty. Take classes in Summer or Intersession if needed to complete your degree in a timely manner!

Fall/Spring: Max 19 units | Summer: Max 9 units | Intersession: Max 6 units

☒ Major

SEMESTER 1

Course	Units
<input checked="" type="checkbox"/> MSAM 110	4
Total Units	6

SEMESTER 2

Course	Units
<input checked="" type="checkbox"/> MSAM 115	6
Total Units	6

Total Certificate Units 10