



**MANUFACTURING**  
**Advanced**  
**Manufacturing &**  
**Machinery Mechanics**

Juan Armando Sierra,  
Bachelors Manufacturing Technology,  
NIMS Level 1 Certification

# POS Course Sequence

- 9<sup>th</sup> Principles of Manufacturing (.5 cr Spring)
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- 10<sup>th</sup> Occupational Safety and Environmental Technology I
- 11<sup>th</sup> Principles of Manufacturing (.5 cr Fall)
- 12<sup>th</sup> Practicum in Manufacturing Career Preparation I

# Course Description

- Advanced Manufacturing Technology
- This degree is designed to provide students with hands-on experience necessary for employment as a machine operator, with a focus on computer enhanced manufacturing processes.

# Dual Enrollment



- Associate Degree - Advanced Manufacturing Technology
- 60 -61 Credit Hours
- Certificate - Advanced Manufacturing Technology
- 24 Credit Hours

# Industry Certification/Licensure

- NIMS  
National Institute of Metalworking Skills

# Student Club/Organization

- Skills USA

Skills USA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.