

NEW MSSC/CPT COURSE PENDING SACSCOC APPROVAL

Certified Production Technology MSSC/CPT Course

The proposed Certified Production Technology (CPT) course at North Florida College will focus on the core technical competencies of the entry-level production worker and is applicable in all sectors of manufacturing. This course (EEV0210) is taught in a hybrid format with 240 hours online and 60 on-campus lab hours.

MSSC Certification

The 300-hour course prepares students to earn the Manufacturing Skill Standards Council (MSSC) Certified Production Technician industry credential. The MSSC certification covers four critical production functions and assessments: Safety, Manufacturing Processes & Production, Quality Practices & Measurement, and Maintenance Awareness.

This credential will articulate 15 credit hours into the A.S. in Engineering Technology degree at North Florida College.

Course Focus

- Students gain an understanding of technology and the concept of Design for Manufacturing, study workplace safety and workplace organization, workplace communication skills, and basic machine operation.
- Students study how to accurately read and interpret blueprints and schematics; graphic design and computer-aided drawing; quality assurance methods and quality control concepts; use of precision measurement tools and instruments; and understanding modern business practices.
- Students study how to select production processes; computer-aided manufacturing and flexible manufacturing planning; produce a product via a master project; manual milling machines, computer-numeric-control machines, basic welding; and robotic systems used in manufacturing.
- Students study mechanisms; AC/DC electrical control; programmable logic control; fluid power; maintenance of technological systems; and exploration of employability and career opportunities.

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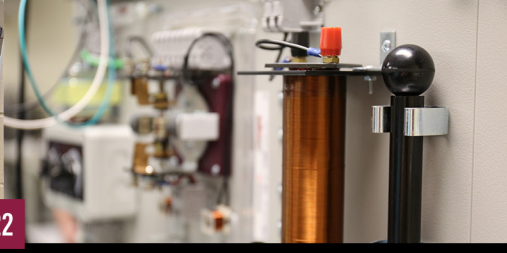


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*This course is pending approval for Fall Term 2022



**NORTH FLORIDA
COLLEGE**

North Florida College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award Associate's and Bachelor's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia, 30033-4097 or call 404-679-4300 for questions about the accreditation of NFC.