



TECHNICAL CERTIFICATION IN MECHATRONICS - 6369

CAREER PATHWAY: [INDUSTRY, MANUFACTURING, CONSTRUCTION & TRANSPORTATION \(IMCT\)](#)

Location(s): [General education courses are available at all BC locations. Program specific courses for this program are offered at the North Campus and Judson A. Samuels South Campus.](#)

Program Entrance Requirements: HS Diploma or GED.

Program Description: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Manufacturing career cluster.

BUILD YOUR EDUCATION



RECOMMENDED COURSE SEQUENCE

Course ID	Description	Credits
EET1084C	Introduction to Electronics	3
ETD1320	Basic Introduction to CAD	3
ETI1420	Process and Materials	3
ETI1701	Safety	3
ETM1010C	Measurement and Instrumentation	3
ETI2644	Production & Inventory Control	3
ETM2315C	Hydraulics & Pneumatics	3
GE Course	General Education Mathematics	3
GE Course	General Education Speech	3
ETS2527	Electromechanical Systems	3
Total Program Credit Hours		30

This is only a **recommended** course sequence. Students are strongly encouraged to meet with an [advisor](#) to create a personalized educational plan.

CHOOSE YOUR COURSES

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PROGRAM HIGHLIGHTS



CREDIT FOR PRIOR LEARNING

Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more...



RELATED INDUSTRY CERTIFICATIONS

Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses

- NMSSC Certified Production Technician

*For information on state licensure requirements, please visit the licensure disclosure <https://www.broward.edu/academics/professional-licensure/>



GET AN INTERNSHIP

After completing your first year of coursework make sure to visit the **Career Center** for internship opportunities that help you take your career to the next level! Also, explore hundreds of career videos and career profiles through Virtual Job Shadow!

[Get an Internship](#)

[Virtual Job Shadow Tool](#)



MEDIAN WAGE AND JOB GROWTH OUTLOOK

Broward College has [Career Insight](#). It is designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training.



FUND YOUR EDUCATION

This program is [Financial Aid](#) eligible. [Scholarships](#) may be available.

GET STARTED TODAY!

START APPLICATION



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