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

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EET1084C</td>
<td>Introduction to Electronics</td>
<td>3</td>
</tr>
<tr>
<td>ETD1320</td>
<td>Basic Introduction to CAD</td>
<td>3</td>
</tr>
<tr>
<td>ETI1420</td>
<td>Process and Materials</td>
<td>3</td>
</tr>
<tr>
<td>ETI1701</td>
<td>Safety</td>
<td>3</td>
</tr>
<tr>
<td>ETM1010C</td>
<td>Measurement and Instrumentation</td>
<td>3</td>
</tr>
<tr>
<td>ETI2644</td>
<td>Production &amp; Inventory Control</td>
<td>3</td>
</tr>
<tr>
<td>ETM2315C</td>
<td>Hydraulics &amp; Pneumatics</td>
<td>3</td>
</tr>
<tr>
<td>GE Course</td>
<td>General Education Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>GE Course</td>
<td>General Education Speech</td>
<td>3</td>
</tr>
<tr>
<td>ETS2527</td>
<td>Electromechanical Systems</td>
<td>3</td>
</tr>
</tbody>
</table>

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
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-licensures/

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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