

Washington County



Community College  
Calais, Maine  
Discover Choices • Create Success

### Approximate Cost For One Year (Tuition & Fees)

In State  
\$4,220.10

New Brunswick Residents  
\$7,853.70

Out of State  
\$7,853.70

New England Residents  
\$6,036.90\*

\*See New England  
Regional Students section  
of the WCCC catalog.

Financial Aid is available  
for students who qualify.  
Approximately 85% of  
WCCC students receive  
some form of financial aid.

[www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov)

School Code: 009231

One College Drive  
Calais, Maine 04619

207-454-1000  
1-800-210-6932



[wccc.me.edu](http://wccc.me.edu)

# Production Technician



The Production Technician program, which is offered as either a two-year Associate in Applied Science degree or one-year Certificate, is designed to prepare students for a career in manufacturing or production facilities. Potential careers within the manufacturing sector include: marine manufacturing, food and beverage manufacturing, aquaculture or seafood product production, textile/apparel manufacturing, wood product manufacturing, medical device manufacturing, computer and electronic products, as well as many other miscellaneous manufacturing sectors. In an effort to create a transferrable skillset relevant across various sectors, and to enhance your employability, the Production Technician degree program trains students to develop generalist skills within all manufacturing sectors.

Embedded within this degree students have an opportunity to obtain the Manufacturing Skill Standards Council (MSSC): Certified Production Technician credential. MSSC standards are led by the industry and focus on the core skills needed nationally to become a front-line production employee. Students will learn manufacturing processes and production, safety in the workplace, quality practices and measurement, and maintenance awareness. This certification is reviewed and updated annually by MSSC National Expert Panels to ensure alignment with advancements within the industry. 100% of course work in this program is available to take online.

Program Education Outcomes: Upon completion of this degree, the graduate is prepared to understand basic chemical processes used in production processes, communicate effectively orally and in writing, use computers in a business setting, perform first-line supervision, and understand quality, maintenance, and processing techniques. Graduates will also be prepared to sit for the Certified Production Technician (CPT) industry credential exam.

For more program specific information, or to schedule a campus visit, please contact the Office of Admissions at [admissions@wccc.me.edu](mailto:admissions@wccc.me.edu) or 207-454-1000.

**According to the Manufacturers Association of Maine, "More than 1800 Maine manufacturing businesses employ more than 50,000 Maine residents. The payroll tops \$2.5 billion and accounts for 14% of wages statewide."**

*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040*

**Production Technician**  
*Associate in Applied Science – 61 credit hours*

Course #	Course Title	Credits
<b>Semester 1</b>		
CHY110	Fundamentals of Chemistry with Lab	4
FYE100	First Year Experience	1
MAT106	College Math for Technologies	3
MFG101	Safety	2
MFG110	Processes and Production	3
TEC121	Introduction to Computer Applications	3
	<b>Total</b>	<b>16</b>
<b>Semester 2</b>		
BUS140	Accounting Principles I	3
BUS230	Supervisory Management	3
ENG101	College Composition	3
MFG120	Quality Practices and Measurement	3
MFG125	Maintenance Awareness	3
	<b>Total</b>	<b>15</b>
<b>Semester 3</b>		
BIO120	General Biology with Lab	4
ENG107 or 210	Speech or Technical Writing	3
PHI114	Environmental Ethics	3
TEC150	Electronic Principles I	3
Elective	Arts/Humanities/Social Science Elective	3
	<b>Total</b>	<b>16</b>
<b>Semester 4</b>		
MAT127	College Algebra	3
MFG210	Green Production	2
TEC151	Electronic Principles II	3
Elective	Arts/Humanities/Social Science Elective	3
Elective	General Elective	3
	<b>Total</b>	<b>14</b>

*Certificate – 33 credit hours*

Course #	Course Title	Credits
<b>Semester 1</b>		
CHY110	Fundamentals of Chemistry with Lab	4
FYE100	First Year Experience	1
ENG101	College Composition	3
MFG101	Safety	2
MFG110	Processes and Production	3
TEC121	Introduction to Computer Applications	3
	<b>Total</b>	<b>16</b>
<b>Semester 2</b>		
BUS230	Supervisory Management	3
MAT106	College Math for Technologies	3
MFG120	Quality Practices and Measurement	3
MFG125	Maintenance Awareness	3
MFG 210	Green Production	2
Elective	General Elective	3
	<b>Total</b>	<b>17</b>