

## **Pulp and Paper Technician**

*Associate in Applied Science – 61 credit hours*

**Purpose:** Manufacturing and production-based businesses are coming back to the United States. The Production Technician degree will prepare students for all basic entry level positions in any manufacturing/production environment. Well-educated, professionally curious production technicians are needed in all aspects of industry to operate and maintain the equipment that makes the products needed around the world.

**Career Opportunities:** This degree is specifically designed for students working, or hoping to work, in the pulp and paper industries. Special focus on the tissue making industry is embedded throughout the curriculum. Students who graduate from this program may also seek opportunities in paper goods manufacturing, operations, and machine tending.

**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.

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<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>
<b>Semester 1</b>		
CHY110	Fundamentals of Chemistry with Lab	4
FYE100	First Year Experience	1
MFG101	Safety	2
MFG118	Pulp and Paper Technology	3
MFG110	Processes and Production	3
TEC121	Introduction to Computer Applications	3
	<b>Total</b>	<b>16</b>
<b>Semester 2</b>		
ENG101	College Composition	3
MAT106	College Math for Technologies	3
MFG120	Quality Practices and Management	3
MFG128	Papermaking Processes	3
Arts/Humanities/ Social Science Elective		3
	<b>Total</b>	<b>15</b>
<b>Semester 3</b>		
CHY215	Basic Paper Industry Process Chemistry	3
ENG107 or ENG210	Speech or Technical Writing	3
PHI114	Environmental Ethics	3
TEC150	Electronic Principles I	3
Arts/Humanities/		3

Social Science Elective		
	<b>Total</b>	<b>15</b>
<b>Semester 4</b>		
BUS140	Accounting Principles I	3
MFG125	Maintenance Awareness	3
MFG222	Process Instrumentation and Control	3
TEC151	Electronic Principles II	3
General Elective		3
	<b>Total</b>	<b>15</b>