

PROCESS TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (PTEC D302)

FCC	✓ LTC	OCC	WVC
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The Process Technology degree program prepares students to assume roles as operators and technicians in the process and manufacturing industries, including food processing, power production, water treatment, paper manufacturing, fuel production, and chemical and pharmaceutical manufacturing. This degree benefits individuals seeking employment within the processing industry as well as current industrial employees seeking advancement within the industry.

First Semester Credit Hours 14

MTH 1201	Technical Mathematics ¹	V3
PTT 1200	Intro to Process Technology	3
PTT 1204	PTech Safety & the Environment	3
SOC 1108	Race and Ethnic Relations ^{1*}	3
TEL 1275	Essential Computer Skills	V2

Second Semester Credit Hours 14.5

CHM 1120	Introductory Chemistry ¹	5
ENG 1212	Technical Writing ¹	V3
PTT 2201	P-Tech Equipment	4
PTT 2298	Topics in Process Technology	V2.5

Third Semester Credit Hours 18.5

MAC 2203	Manufacturing Processes	V3.5
PTT 1201	Process Tech Instrumentation	4
PTT 2205	P-Tech Quality Control	3
PTT 2206	P-Tech Systems	4
PTT 2208	Process Troubleshooting	4

Fourth Semester Credit Hours 13

GEN 2297	Employment Skills ¹	V3
PTT 2207	P-Tech Operations	4
PTT 2209	Distributed Control Systems	V3
SPE 1111	Interpersonal Communications ¹	<u>3</u>

Total Credit Hours 60

¹General Education Hours (20)

*This course satisfies the IECC human diversity requirement.

Recommended Electives:

PTT 1202	OSHA Training	V3
PTT 2212	Process Technology Internship	V6

PROCESS TECHNOLOGY CERTIFICATE (PTEC C301)

The Process Technology certificate program prepares graduates for entry-level positions in the process and manufacturing industries, including food processing, power production, water treatment, paper manufacturing, fuel production, and chemical and pharmaceutical manufacturing. Completion of the Process Technology Technician certificate demonstrates a graduate's completion of basic process technology training.

First Semester Credit Hours 14

MTH 1201	Technical Mathematics	V3
PTT 1200	Intro to Process Technology	3
PTT 1204	PTech Safety & the Environment	3
SOC 1108	Race & Ethnic Relations	3
TEL 1275	Essential Computer Skills	V2

Second Semester Credit Hours 17.5

CHM 1120	Introductory Chemistry	5
ENG 1212	Technical Writing	V3
GEN 2297	Employment Skills	V3
PTT 2201	P-Tech Equipment	4
PTT 2298	Topics in Process Technology	<u>V2.5</u>

Total Credit Hours 31.5