

## **PROCESS TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (PTEC D302)**

FCC	<b>✓ LTC</b>	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 15.5**

CIS 1104	Intro Learning Services Online	0.5
MTH 1201	Technical Mathematics <sup>1</sup>	V4
PTT 1200	Intro to Process Technology	3
PTT 1204	PTech Safety & the Environment	3
SOC 1108	Race & Ethnic Relations <sup>1*</sup>	3
TEL 1275	Essential Computer Skills	V2

### **Second Semester Credit Hours 14**

CHM 1120	Introductory Chemistry <sup>1</sup>	5
PTT 1205	Tech Reading/Writing/Reporting	3
PTT 2201	PTech Equipment	4
PTT 2298	Topics in Process Technology	V2

### **Third Semester Credit Hours 18.5**

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

### **Fourth Semester Credit Hours 16**

BUS 2104	Business Economics	3
GEN 2297	Employment Skills <sup>1</sup>	V3
PTT 2207	PTech Operations	4
PTT 2209	Distributed Control Systems	V3
SPE 1111	Interpersonal Communications <sup>1</sup>	<u>3</u>

### **Total Credit Hours 64**

<sup>1</sup>General Education Hours (18)

\*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 15.5**

CIS 1104	Intro Learning Services Online	0.5
MTH 1201	Technical Mathematics	V4
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**

CHM 1120	Introductory Chemistry	5
GEN 2297	Employment Skills	V3
PTT 1205	Tech Reading/Writing/Reporting	3
PTT 2201	PTech Equipment	4
PTT 2298	Topics in Process Technology	<u>V2</u>

### **Total Credit Hours 32.5**