

## **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**

DAP	1201	Business Computer Systems	3
MTH	1201	Technical Mathematics <sup>1</sup>	V3
PTT	1200	Intro to Process Technology	3
PTT	1204	PTech Safety & the Environment	3
SOC	1108	Race and Ethnic Relations <sup>1*</sup>	3

### **Second Semester Credit Hours 13.5**

CHM	1120	Introductory Chemistry <sup>1</sup>	5
ENG	1212	Technical Writing <sup>1</sup>	V3
PTT	2201	P-Tech Equipment	4
PTT	2298	Topics in Process Technology	V1.5

### **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 <sup>1</sup>	V3
PTT	2207	P-Tech Operations	4
PTT	2209	Distributed Control Systems	V3
SPE	1111	Interpersonal Communications <sup>1</sup>	<u>3</u>

### **Total Credit Hours 60**

<sup>1</sup>General 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 15**

DAP	1201	Business Computer Systems	3
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

### **Second Semester Credit Hours 16.5**

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>V1.5</u>

### **Total Credit Hours 31.5**