

# PROCESS TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE



Verification of workplace competencies.

**Capstone Experience:** PTAC 2438 Process Technology III - Operations

- <sup>1</sup> Students desiring to obtain a baccalaureate degree should take MATH 1314 College Algebra. Students entering this program with MATH 1314 College Algebra may substitute this course for TECM 1301 Industrial Mathematics.
- <sup>2</sup> The College encourages students to complete TECM 1301 Industrial Mathematics before taking CHEM 1305 Introductory Chemistry I (lecture)/CHEM 1105 Introductory Chemistry I (lab) to be more successful in the Chemistry lecture/lab sections.
- <sup>3</sup> Students who have successfully completed ENGL 1302 Composition II or ENGL 2311 Technical and Business Writing may receive credit for ETWR 1302 Introduction to Technical Writing.

## Plan of Study

3PROT

First Term		Credits
PTAC 1302	Introduction to Process Technology	3
PTAC 1408	Safety, Health, and Environment I	4
TECM 1301	Industrial Mathematics <sup>1</sup>	3
SPCH 1311	Introduction to Speech Communication	3
<b>Credits</b>		<b>13</b>
Second Term		Credits
PTAC 1432	Process Instrumentation I	4
PTAC 1410	Process Technology I - Equipment	4
CHEM 1305 & CHEM 1105	Introductory Chemistry I (lecture) and Introductory Chemistry I (lab) <sup>2</sup>	4
ENGL 1301	Composition I	3
<b>Credits</b>		<b>15</b>
Summer Year One Term		Credits
ETWR 1302	Introduction to Technical Writing <sup>3</sup>	3
<b>Credits</b>		<b>3</b>
Third Term		Credits
PTAC 2420	Process Technology II-Systems	4
SCIT 1418	Applied Physics	4
CTEC 2445	Unit Operations	4
Social and Behavioral Sciences or Government/Political Science or American History		3
<b>Credits</b>		<b>15</b>
Fourth Term		Credits
PTAC 2438	Process Technology III - Operations	4
PTAC 2446 or CTEC 2487	Process Troubleshooting or Internship - Chemical Technology/Technician	4
PTAC 2314	Principles of Quality	3
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
<b>Credits</b>		<b>14</b>
<b>Total Credits</b>		<b>60</b>