

CHEMICAL & POLYMER OPERATOR, C.A.S.

The **Certificate of Applied Science in Chemical and Polymer Operator** is a hands-on program that prepares individuals to enter the field of process operator/technician. On-the-job training is an integral component to this cooperative program and is arranged with employers in the chemical and polymer industry. Students will complete two semesters that includes classroom time and field experience, which takes place at Chemours. During this field experience, students will learn the process of the plant industry and gain hands on experience, all while earning \$20 per hour.

For more information on all learn and earn programs, click here (<https://www.wvup.edu/learn-and-earn/join/?hilit=learn+and+earn>).

Milestone Course

These courses are the keys to graduation. Courses should be taken in the recommended semesters to stay on time for completion.

Career Planning

- Chemical Plant and System Operator
- Power Plant Operators
- Process Operators

Capstone Course

Culminating coursework around process technology certification.

Students should average 15 credit hours per semester, or 30 per year, to graduate on time

Total Degree Credits: 30

Course	Title	Hours
Semester 1		
COLL 101	ORIENTATION TO COLLEGE	1
Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr) Elective: (MATH 120 is preferred)		3
Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr) Elective: (ENGL 107 is preferred)		3
ATPT 130	INTRO TO PROCESS TECHNOLOGY (Milestone Course)	2
ATPT 131	PROCESS SAFETY, HLTH, ENVRNMTL (Milestone Course)	3
ATPT 244	PROCESS TECH 3 - OPERATIONS	3
ATPT 150	PROCESS TECH FIELD EXPERIENCE	1
Hours		16
Semester 2		
ATPT 132	PROCESS QUALITY	3
ATPT 140	PROCESS INSTRUMENTATION	3
ATPT 141	PROCESS TECH 1 - EQUIPMENT	3
ATPT 242	PROCESS TECH 2 - SYSTEMS	3
ATPT 260	CAPSTONE COURSE	1
ATPT 250	PROCESS TECH FIELD EXPERIENCE	1
Hours		14
Total Hours		30

Degree requires a total of 30 credit hours. [Core Course Credit Hours : 7]

Code	Title	Hours
Core Courses		
COLL 101	ORIENTATION TO COLLEGE ¹	1
Writing and Rhetoric (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#wr)		3
Quantitative Reasoning (https://wvup-public.courseleaf.com/programs-study/general-education-mission/#qr)		3
Program Courses		
ATPT 130	INTRO TO PROCESS TECHNOLOGY	2
ATPT 131	PROCESS SAFETY, HLTH, ENVRNMTL	3
ATPT 244	PROCESS TECH 3 - OPERATIONS	3
ATPT 150	PROCESS TECH FIELD EXPERIENCE	1
ATPT 132	PROCESS QUALITY	3
ATPT 140	PROCESS INSTRUMENTATION	3

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ATPT 242	PROCESS TECH 2 - SYSTEMS	3
ATPT 141	PROCESS TECH 1 - EQUIPMENT	3
ATPT 260	CAPSTONE COURSE	1
ATPT 250	PROCESS TECH FIELD EXPERIENCE	1
Total Hours		30

¹ Institutional Graduation Requirement.