



ACADEMIC MAP

Chemical & Polymer Operator, C.A.S.

Semester 1

COURSE	CR	COMMENTS
COLL 101 ORIENTATION TO COLLEGE	1	
MATH 120 QUANTITATIVE LITERACY	3	
ENGL 107 TECHNICAL WRITING	3	
ATPT 130 INTRO TO PROCESS TECHNOLOGY	2	
ATPT 131 PROCESS SAFETY, HLTH, ENVRNMTL	3	
ATPT 244 PROCESS TECH 3 - OPERATIONS	3	
TOTAL:	15	



The **Certificate of Applied Science in Chemical and Polymer Operator** is a hands-on program

that prepares individuals to enter the good-paying field of process operator/technician. On-the-job training is an integral component to this cooperative program. On-the-job training for students is arranged with employers in the chemical and polymer industry. Students will complete alternating semesters of classroom work and on-the-job training work.

Semester 2




COURSE	CR	COMMENTS
ATPT 150 PROCESS TECH FIELD EXPERIENCE	1	
TOTAL:	1	



MILESTONE COURSE: These

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

Semester 3

COURSE	CR	COMMENTS
ATPT 132 PROCESS QUALITY	3	
ATPT 140 PROCESS INSTRUMENTATION	3	
ATPT 242 PROCESS TECH 2 - SYSTEMS	3	
ATPT 141 PROCESS TECH 1 - EQUIPMENT	3	
ATPT 260 CAPSTONE COURSE	1	
TOTAL:	13	



CAREER PLANNING: Chemical

Plant and System Operators, Power Plant Operators, and Process Operators.



CAPSTONE COURSE:

Culminating coursework around process technology certification.

15-30

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

Semester 4

COURSE	CR	COMMENTS
ATPT 250 PROCESS TECHNOLOGY FIELD EXPERIENCE	1	
TOTAL:	1	

graduate on time

TOTAL DEGREE CREDITS:

30

General Education Courses



To ensure breadth and depth as students meet these broad education goals, the curriculum focuses on six academic “strands.”

Composition & Rhetoric	Science & Technology	Math & Quantitative Skill	Society, Diversity & Connections	Human Inquiry & the Past	The Arts and Creativity
ENGL 101	ASTR 106	MATH 120 *	COMM 105	HIST 101	History & Literature of the Arts
ENGL 102	BIOL 101 & BIOL 103 L	MATH 121	COMM 111	HIST 102	
ENGL 107*	BIOL 102	MATH 125 *	COMM 112	HIST 152	ART 101
ENGL 108*	BIOL 104 L	MATH 126	ECON 201	HIST 153	ART 105
	BIOL 107 *	MATH 128	ECON 202	HIST 250 *	ART 106
	BIOL 108 *	MATH 129	FREN 101	PHIL 111	MUSI 170
	BIOL 109 *	MATH 150	FREN 102	PHIL 150 *	THEA 101
	BIOL 115	MATH 155	GEOG 102	PHIL 170	Literature
	BIOL 117	MATH 156	GEOG 240		ENGL 131
	BIOL 171	MATH 211	POLS 102		ENGL 132
	CHEM 111		POLS 220		ENGL 221
	CHEM 115		PSYC 101		ENGL 222
	CHEM 116		PSYC 241		ENGL 241
	CS 101		RELI 231		ENGL 242
	GEOL 101 & GEOL 102 L		SOC 101		ENGL 261
	GEOL 103 & GEOL 104 L		SOC 105		ENGL 262
	GEOL 105 & GEOL 105 L		SOC 221		ENGL 285
	PSCI 111		SOC 232		Applied Arts
	PSCI 112		SPAN 101		ART 109
	PHYS 101		SPAN 102		THEA 102
	PHYS 102				Creative Writing
	PHYS 111				ENGL 213
	PHYS 112				ENGL 214
					ENGL 215

* Serves technical and professional degree programs specific to WVU Parkersburg. Does not transfer to WVU as General Education (March 2018).