

# PRODUCTION TECHNICIAN, A.A.S.

The **Associate of Applied Science in Production Technician** prepares graduates for careers in the manufacturing sector. Students will be able to complete the job functions of a process technician/operator and gain hands-on experience with industrial craft work, such as repairing gaskets and seals and testing pneumatics and hydrostatic systems.

## Milestone Course

These courses are the keys to graduation and certification. Courses should be taken in the recommended semesters to stay on time for completion. You will see the milestone course(s) on each academic map for appropriate program(s).

## Career Planning

With the AAS in PT, some potential careers are Process Operator, Production Technician, Production Supervisor and more. The average wage with these careers is: \$26.99 - \$35.71/hour.

When planning your classes with the academic map, students should average 15 credit hours per semester, or 30 per year, to graduate on time.

### Total Degree Credits: 60

Course	Title	Hours
<b>Semester 1</b>		
COLL 101	ORIENTATION TO COLLEGE	1
ATPT 130	INTRO TO PROCESS TECHNOLOGY	2
ATPT 131	PROCESS SAFETY, HLTH, ENVRNMTL	3
ATPT 132	PROCESS QUALITY	3
ATPT 141	PROCESS TECH 1 - EQUIPMENT	3
Writing and Rhetoric ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#wr">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#wr</a> ) Elective: (ENGL 107 is preferred)		3
<b>Hours</b>		<b>15</b>
<b>Semester 2</b>		
ATPT 140	PROCESS INSTRUMENTATION	3
ATPT 242	PROCESS TECH 2 - SYSTEMS	3
ATPT 244	PROCESS TECH 3 - OPERATIONS	3
Quantitative Reasoning ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#qr">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#qr</a> ) Elective: (MATH 125 is preferred)		3
ATPT 260	CAPSTONE COURSE	1
Select one of the following:		3
Aesthetics, Creativity, and Appreciation ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca</a> )		
Human Communication and Interaction ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci</a> ) (COMM 111, 112 or 202 is preferred)		
People and Their Worlds ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw</a> )		
<b>Hours</b>		<b>16</b>
<b>Semester 3</b>		
IM 101	INDUSTRIAL MAINTENANCE 1	3
IM 102	INDUSTRIAL MAINTENANCE 2 <sup>1,2</sup>	3
ELEC 102	ELECTRICAL & INSTRUMENTATION 1	3
ELEC 103	ELECTRICAL & INSTRUMENTATION 2	3
Select one of the following:		3
Aesthetics, Creativity, and Appreciation ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca</a> )		
Human Communication and Interaction ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci</a> )		
People and Their Worlds ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw</a> ) (ECON 201 or 202 is preferred)		
<b>Hours</b>		<b>15</b>
<b>Semester 4</b>		
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6	3
ELEC 204	ELECTRICAL & INSTRUMENTATION 6	3
Scientific Inquiry ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#si">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#si</a> ) Elective: (PSCI 111/111L is preferred)		4
INDT 266	PRODUCTION TECHNICIAN CAPSTONE	1
<b>Hours</b>		<b>14</b>
<b>Total Hours</b>		<b>60</b>

<sup>1</sup> Milestone Course

<sup>2</sup> IM NCCER Level 2

**Degree requires a total of 60 credit hours.** [ Core Course Credit Hours : 17 ]

Code	Title	Hours
<b>Core Courses</b>		
COLL 101	ORIENTATION TO COLLEGE	1
Writing and Rhetoric ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#wr">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#wr</a> )		3
Quantitative Reasoning ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#qr">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#qr</a> )		3
Scientific Inquiry ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#si">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#si</a> )		4
Select two of the following:		6
Aesthetics, Creativity, and Appreciation ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#aca</a> )		
Human Communication and Interaction ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#hci</a> )		
People and Their Worlds ( <a href="https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw">https://vvup-public.courseleaf.com/programs-study/general-education-mission/#ptw</a> )		
<b>Program Courses</b>		
ATPT 130	INTRO TO PROCESS TECHNOLOGY	2
ATPT 131	PROCESS SAFETY, HLTH, ENVRNMTL	3
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 244	PROCESS TECH 3 - OPERATIONS	3
ATPT 260	CAPSTONE COURSE	1
IM 101	INDUSTRIAL MAINTENANCE 1	3
IM 102	INDUSTRIAL MAINTENANCE 2	3
IM 202	INDUSTRIAL MAINTENANCE 5	3
IM 203	INDUSTRIAL MAINTENANCE 6	3
ELEC 102	ELECTRICAL & INSTRUMENTATION 1	3
ELEC 103	ELECTRICAL & INSTRUMENTATION 2	3
ELEC 204	ELECTRICAL & INSTRUMENTATION 6	3
INDT 266	PRODUCTION TECHNICIAN CAPSTONE	1
<b>Total Hours</b>		<b>60</b>