



INDUSTRIAL PRODUCTION TECHNOLOGY

Associate in Applied Science Degree – AAS PCT

Program Locations: Thomasville Campus

Length: Four Semesters

The Industrial Production Technology Program is designed to prepare students for entry level jobs in paper and chemical process industries.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of Alabama Transfers state transfer and articulation reporting system.

AREA I: Written Composition	3 Total Hours
ENG 101 – English Composition I	3
AREA II: Humanities and Fine Arts	3 Total Hours
Humanities and Fine Arts Elective: Choose one of the following	3
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ART 100 – Art Appreciation ART 203 – Art History I ART 204 – Art History II HUM 101 – Introduction to Humanities I HUM 102 – Introduction to Humanities II MUS 101 – Music Appreciation PHL 106 – Introduction to Philosophy </div> <div style="width: 45%;"> PHL 206 – Ethics and Society REL 100 – History of World Religions REL 151 – Survey of the Old Testament REL 152 – Survey of the New Testament THR 120 – Theater Appreciation THR 126 – Introduction to Theater </div> </div>	
AREA III: Natural Sciences and Mathematics	10 Total Hours
CIS 146 – Microcomputer Applications	3
Choose one of the following: MTH 100 – Intermediate College Algebra MTH 116 – Mathematical Applications	3
CHM 104 – Introduction to Chemistry I or Higher CHM 111 – College Chemistry I CHM 112 – College Chemistry II	4
AREA IV: History, Social, and Behavioral Sciences	3 Total Hours
Choose one of the following:	3
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> ECO 231 – Principles of Macroeconomics ECO 232 – Principles of Microeconomics GEO 100 – World Regional Geography HIS 101 – Western Civilization I HIS 102 – Western Civilization II HIS 121 – World History I HIS 122 – World History II HIS 201 – United States History I </div> <div style="width: 45%;"> HIS 202 – United States History II POL 200 – Introduction to Political Science POL 211 – American National Government PSY 200 – General Psychology PSY 210 – Human Growth and Development SOC 200 – Introduction to Sociology SOC 210 – Social Problems </div> </div>	

AREA V: Pre-Professional, Major, and Elective Courses		46 Total Hours
ELT 231 – Introduction to Programmable Controllers		3
IET 114 – Basic Electricity		3
IET 131 – Fluid Power Systems		3
ILT 108 – Introduction to Instruments and Process Control		3
ILT 114 – Instrumentation Operation and Calibration		3
INT 117 – Principles of Industrial Mechanics		3
INT 127 - Principles of Industrial Pumps and Piping Systems		3
INT 161 – Blueprint Reading for Industrial Technicians		3
PCT 122 – Introduction to Process Technology		3
PCT 210 – Environmental Control Technology		3
PCT 221 – Unit Operations		3
PCT 222 – Unit Maintenance		3
WKO 106 – Workplace Skills		3
WKO 110 – NCCER Core		3
ORI 101 – Orientation to College or WKO 107 – Workplace Skills Preparation		1
Paper and Chemical Technology AAS Elective: Choose one of the following.		
ELT 232 – Advanced Programmable Controllers IET 122 – Rotating Machinery and Controls ILT 166 – Motors and Transformers I ILT 214 – Control and Troubleshooting Flow, Level, Temperature, Pressure and Level Processes ILT 180 – Special Topics	INT 106 – Elements of Industrial Mechanics INT 132 – Preventive and Predictive Maintenance INT 153 – Precision Machining Fundamentals I INT 222 - Special Topics INT 232 – Manufacturing Plant Utilities INT 291 – Cooperative Education	3
Total Hours		65 SH