

PROCESS TECHNOLOGY

Associate of Applied Science Degree Advanced Manufacturing

Program Code: AAS.ADMA.PCT

CIP CODE: 15.0613

GENERAL EDUCATION CORE REQUIREMENTS:

ENG 101	English Composition
MTH 103	Introduction to Technical Mathematics
	Humanities Elective
	Social Science Elective
	Natural Science or MTH Elective
CHM 104	Introduction to Organic Chemistry

ADVANCED MANUFACTURING CORE COURSE REQUIREMENTS:

ADM 101	Precision Measurement
ADM 104	Intro to Thermal/Electrical Principles
ADM 105	Fluid Systems
ADM 106	Quality Control Concepts
ADM 107	CAD Concepts OR
ADM 108	Intro to 3D Modeling
ADM 111	Manufacturing Safety Practices

PROCESS TECHNOLOGY

COURSE REQUIREMENTS:

PCT 100	Fundamentals of Process Technology
PCT 105	Process Tech I - Equipment
PCT 115	Instrumentation I
PCT 215	Instrumentation II
PCT 220	Process Tech II – Systems
PCT 230	Process Tech III – Operations
PCT 240	Process Troubleshooting

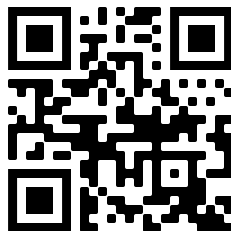
TOTAL: 63-64 CREDIT HOURS

HOW TO APPLY

- Complete an application to Calhoun Community College (calhoun.edu/apply) and receive your Calhoun student ID number
- Complete the EPIC program application (calhoun.edu/EPIC)
- You will need to have a chronological resume to attach to the EPIC application
- Don't forget to complete your FAFSA (Free Application for Federal Student Aid) (fafsa.ed.gov) and apply for scholarships.

APPLY TODAY!

Use the camera on your smartphone to scan this QR code, which will take you to our program page:



*For more information, contact
Nathan Steele at 256.260.4326 or
nathan.steele@calhoun.edu*



*Earn your degree in
Process Technology
while receiving
PAID work experience!*



EXCELLENCE in
PROCESS INDUSTRIAL CONTROLS

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WHAT IS A PROCESS TECHNICIAN?

Process Technicians work in a process or continuous manufacturing environment and operate equipment, monitor the machinery and document results in strict adherence to protocols. Process manufacturing uses a chemical reaction or blends ingredients continuously or in a batch into a final product which is usually a liquid, powder or gas.

FREQUENTLY ASKED QUESTIONS



Do I get to choose my sponsor company?

Companies select students on a draft system. You have the right to refuse an offer, but there is no guarantee another company will select you.

Will I be hired at my sponsor company?

Maybe. There is no obligation for the sponsor company to hire you, nor are you obligated to stay after graduation. Several factors are considered in this situation

How many students are accepted into the program each year?

Students are accepted based on the number of company sponsorships available.

ABOUT THE EPIC PROGRAM

The **Excellence in Process Industrial Controls (EPIC)** program at Calhoun Community College combines an Associate of Applied Science degree in Process Technology and related work experience with a sponsor company.

Students attend class **two days** per week (**16+ hours**) and work **three days** per week (**24 hours**) for **five** consecutive semesters.

APPLICATION REQUIREMENTS

- Applicant must be eligible to take MTH 100 & ENG 101
- Must have a desire to be a process technician
- Must be 18 years of age by June 1 of the application year
- Participation in STEM (Science, Technology, Engineering, and Math) programs is preferred