



COMMUNITY COLLEGE
OF BEAVER COUNTY
CCBC.EDU

*Real Learning
for Real Life*

Advanced Manufacturing: Process Operator (PTEC)

Associate in Science



Scan to get started!

TO LEARN MORE CONTACT

Admissions
724-480-3504

Program Info:

Are you interested in a career that is high tech, hands-on, and high paying?

WHAT WILL I LEARN?

The program provides the student with a broad-based education in math, science, computer literacy, process technology, soft skills and training in mechanical aptitude development for a career as a process technician or operator.

CAREERS IN ADVANCED MANUFACTURING: PROCESS OPERATOR

Graduates of the program work in industries that include, Chemical, Petrochemical, Pharmaceutical, Pulp and Paper Water/Wastewater, Nuclear, Composite, Steel, Food and Beverage

INDUSTRY APPROVED

Curriculum has been developed by the North American Process Technology Alliance

FIRST YEAR

First Semester – 16 credits

Course	Credits
COMM 110 - Interpersonal Communication OR	3
COMM 201 - Public Speaking	
MATH 126 - Statistic	4
PTEC 100 - Intro to Process Technology	3
PTEC 102 - Safety, Health & Environment	3
WRIT 101 - English Composition	3

Second Semester – 18 Credits

Course	Credits
CHEM 106 - Principles of Chemistry	4
CIST 100 - Intro to Information Technology	3
PTEC 104 - Process Technology Equipment	4
PTEC 106 - Instrumentation	4
LITR - Literature - TAOC Category Six (LITR)	3

SECOND YEAR

Third Semester – 16 credits

Course	Credits
BIOL 100 - Principles of Biology	4
PHYS 105 - Physical Science	4
PTEC 200 - Systems	4
PTEC 206 - Instrumentation II	4

Fourth Semester – 17 credits

Course	Credits
PHIL 101 - Intro to Philosophy	3
PHIL 110 - Intro to Ethics	3
PTEC 202 - Principles of Quality	4
PTEC 208 - Process Technology	4
SOCI 231 - Cultural Diversity OR	3
SOCI 101 - Principles of Sociology OR	
PSYC 101 - General Psychology	

Program Curriculum

Credits Required 67