Process Technology (Associate of Applied Science)

The curriculum for the Process Technology (PTEC) Associate of Applied Science is a selective admissions program that addresses a high-demand field. Upon graduation from the program, students are prepared to enter the employment market as entry-level process operators for refinery, chemical, and other industry-related areas.

Admission Criteria
In order to be eligible for admission to the PTEC program, the applicant must first be admitted to BRCC. The following courses are prerequisites for admission to the PTEC program. Students must earn a grade of "C" or better in all of prerequisite courses listed.

Prerequisite Courses		**Credit Hours**
MATH 101/110	College Algebra	3
ENGL 101	English Composition I	3
PTEC 101	Introduction to Process Technology	3
PTEC 203	Safety, Health, and Environment	3
Choose one:[1]		
CSCI 101	Introduction to Computers	3
CSCI 190	Microcomputer Applications in Business	3
	Total Prerequisite Hours	15

In addition, to be eligible for entry into the Process Technology program, students must:

- Have a cumulative GPA of 2.60 or higher.
- Achieve a score of 70 or better on the PTEC Admissions Exam.

It is important to note that admission to the PTEC program is competitive: *meeting the minimum requirements listed here does not guarantee admission.*

Application Process
The application for admission to the Process Technology program is available on the BRCC website every term, including summer sessions. Deadlines and detailed instructions for completing the admission application and scheduling the admission exam are included in the application packet.

In addition to meeting the above requirements for admission, applicants for the PTEC program must:

- Complete a health/physical screening.
- Complete a drug screening.
- Submit their fingerprints and undergo a criminal background check.
- Attend a group advising session.

To receive the degree, the student must

- Have a cumulative GPA of 2.60 or better in all credit hours that are to be used towards the degree.
- Earn a "C" or better in all courses.
- Earn 12 of their last 15 process technology credit hours at BRCC.

- Complete the coursework listed below.

PROGRAM OF STUDY

First Semester		**Credit Hours**
ENGL 101	English Composition I	3
MATH 101/110	College Algebra	3
PTEC 101	Introduction to Process Technology	3
PTEC 203	Safety, Health, and Environment	3
Choose one: [1]		
CSCI 101	Introduction to Computer Technology	
CSCI 190	Microcomputer Applications in Business	3
		15

Second Semester		**Credit Hours**
PTEC 131	Process Instrumentation I	3
PTEC 132	Process Instrumentation II	3
PTEC 161	Process Technology I Equipment	3
Choose one:		
MATH 111	Plane Trigonometry	
MATH 131	Technical Mathematics	3
Choose either pair: [2]		
PHSC 101	Physical Science I	
PHSC 101L	Physical Science I Lab	
- OR -		
PHYS 201	General Physics I	3
PHYS 210L	General Physics I Lab	1
		16

Third Semester		**Credit Hours**
PTEC 207	Quality	3
PTEC 242	Process Technology II Unit Systems	3
PTEC 263	Fluid Mechanics	3
Choose one		
SCTC 222	Writing and Comm. in Science Tech Careers	
ENGL 102	English Composition II	3
Choose either pair: [2]		
CHEM 101	Chemistry I for Science Majors	
CHEM 101L	Chemistry I Lab	
- OR -		
CHEM 104	Chemistry I for PTEC Majors	3
CHEM 104L	Chemisty Lab for PTEC Majors	1

		16

Fourth Semester		**Credit Hours**
SPCH 120	Techniques of Speech	3
PTEC 243	Process Technology II Operations/Capstone	4
PTEC 244	Process Troubleshooting	3
ECON 203	Economic Principles	3
Any Gen-Ed. Humanities		3
		16

Fifth Semester		**Credit Hours**
PTEC 291[3]	Process Technology Internship	3
		3
	Total Program Hours	66

[1] CSCI 101 and 190 are exclusive to each other. Students cannot take both for credit.

[2] The lab course taken must correspond with the Natural Science course chosen (PHSC 101L with PHSC 101, CHEM 104L with CHEM 104, etc.).

[3] Must have completed all coursework for the degree with a cumulative GPA of 2.6 or better and with departmental approval.

For more information, contact the Division of Technical Education at (225) 216-8289.