



# Program Planning Guide

## Biotechnology - Bioprocess Quality Control, Certificate (C20100QC)

**Program Length:** 3 semesters

**Program Sites:** Lee Main Campus; Distance Education - some courses may be available online or hybrid

**Career Pathway Options:** Associate in Applied Science Degree in Biotechnology - Bioprocess Manufacturing Technology; Certificate in Bioprocess Quality Control

Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
<b>1st Semester (fall)</b>						
BPM 110	Bioprocess Practices	3	4	0	5	BIOWORK
PTC 110	Industrial Environment	3	0	0	3	BIOWORK
	<b>Total Semester Hours</b>	<b>6</b>	<b>4</b>	<b>0</b>	<b>8</b>	
<b>2nd Semester (spring)</b>						
BPM 111	Bioprocess Measurements	3	3	0	4	
PTC 228	Biopharma Issues	1	0	0	1	
	<b>Total Semester Hours</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>5</b>	
<b>3rd semester (summer)</b>						
ISC 129	Qual Testing Lab Tech	2	2	0	3	
	<b>Total Semester Hours</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>3</b>	
<b>Total Semester Hours Required for Graduation: 16</b>						