

BIOWORK



Training Process Technicians to run manufacturing processes

**A 140-hour course bringing
together manufacturing
technology and
science fundamentals**

- *Preparing students for jobs as entry-level technicians*
- *Professional development for industry workers*
- *Retraining opportunities for displaced workers*

Job Training

Emphasis:

Safety

Quality Assurance

Communication and Team Work

Problem Solving Skills

Certification

Advanced Training



Employing Industries:

Biotechnology

Products produced
from living organisms

Chemical

Synthetic processing

Pharmaceuticals

Drug manufacturing

Requirements:

- High school diploma or GED
- Adequate scores on basic English and math skills assessment

For more information about

BioWork, contact:

BCC Science Department

800-754-1050, ext. 454

910-755-7454

To register for BioWork, contact:
BCC Continuing Education Division
800-754-1050, ext. 380
910-755-7380

Brought to you by:

BioNetwork
PREPARING A WORLD-CLASS BIOTECH WORKFORCE



 North Carolina
Community College System

BRUNSWICK
COMMUNITY COLLEGE
Your Community, Your College, Your Life

 **North Carolina
Biotechnology Center**

UNITS OF STUDY

Unit 1: Your New Job

Orientation to the process manufacturing industries.

Unit 2: Working Safely

Basic safety attitudes and approaches.

Unit 3: Building Quality into the Product

Say what you do and do what you say.

Unit 4: Measuring Process Variables

The metric system and variables critical to controlling processes.

Unit 5: Transforming Matter

Basic chemistry for process technicians.

Unit 6: Learning the Nuts and Bolts

Process manufacturing equipment, systems, and plant utilities.

Unit 7: Controlling the Process

Basic principles of feedback control systems.

Unit 8: Maintaining Sterile Processes

Working in aseptic manufacturing environments.

Unit 9: Growing Living Cells

Bioprocess manufacturing principles and operations.

Unit 10: Marketing the Smart Worker

Writing a resume and preparation for a job search in biopharmaceutical and chemical manufacturing industries.

Services for students with disabilities are available upon request. Please contact the Office of Student Development at 910-755-7320.

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