BIOMANUFACTURING TECHNOLOGY, LEVEL 2 CERTIFICATE

Plan of Study

5BIO-MFG

First Year		
First Term		**Credits**
Select one of the following:		4
BIOL 1306 & BIOL 1106	Biology for Science Majors I (lecture) and Biology for Science Majors I (lab)	
BIOL 2301 & BIOL 2101	Anatomy and Physiology I (Lecture) and Anatomy and Physiology I (Lab)	
BITC 1411	Introduction to Biotechnology	4
BITC 1191	Special Topics in Biological Technology/ Technician	1
BCIS 1305	Business Computer Applications	3
	Credits	**12**
Second Term		
BITC 1340	Quality Assurance for the Biosciences	3
BITC 2411	Biotechnology Laboratory Instrumentation	4
BITC 2277	Product Development to Commercialization	2
BITC 1402	Biotechnology Laboratory Methods and Techniques	4
	Credits	**13**
Second Year		
First Term		
BITC 2445	Medical Biotechnology	4
BITC 2475	Upstream and Downstream Manufacturing of Biologics	4
BITC 2431	Cell Culture Techniques	4
	Credits	**12**
	Total Credits	**37**

Capstone Experience: The students will qualify for the NIBRT Global assessments Credentials.