

BIOTECHNOLOGY (D20100)

ADVANCED LABORATORY TECHNIQUES

Diploma

Course	Developmental English / Math Courses	
	ENG	002

FIRST SUMMER SEMESTER				
Course Prefix & Number	Course Title	011	Grade	Credit Hours
BIO 111	General Biology I			4
ENG 111	English Composition			3
TOTAL				7
FALL SEMESTER				
Course Prefix & Number	Course Title	Semester & Year	Grade	Credit Hours
BTC 181	Basic Laboratory Techniques (1 st 8 weeks)			4
BTC 275 or BIO 275	Industrial Microbiology (1 st 8 weeks) or Microbiology			4
BTC 281	Bioprocess Techniques (2 nd 8 weeks)			4
TOTAL				12
SPRING SEMESTER				
BTC 285	Cell Culture (1 st 8 weeks)			3
BTC 250 or BIO 250	Principles of Genetics (1 st 8 weeks) or Genetics			3/4
BTC 286	Immunological Tech (2 nd 8 weeks)			4
TOTAL				10-11

SECOND SUMMER SEMESTER				
Course Prefix & Number	Course Title	Semester & Year	Grade	Credit Hours
BTC 287	Advanced Molecular Techniques			4
ENG 112 /114 or COM 110 or COM 231 /	Prof Research & Reporting /Writing and Research in the Disciplines Introduction to Communications Public Speaking			3
TOTAL				7
GRAND TOTAL				36-37