Biomedical Instrumentation Technology AAS

Program Description:

The Biomedical Instrumentation Technology program provides the skills necessary to install, maintain, calibrate, and repair medical equipment in hospitals, doctors' offices, dental offices, and anywhere medical equipment is used. Graduates will be prepared for direct employment within a hospital, field service for a manufacturer, and third party field service technicians.

Career Outlook:

The field expects a 27% growth nationally and even higher in rural areas for the coming years.

Salary Forecast:

For the most current salary information please refer to the Bureau of Labor Statistics "Occupational Outlook Handbook" found at www.bls.gov/ooh/.

Employment Opportunities:

BMT I, II, III
Maintenance Technician
Equipment Specialist
Process Control
Technician
Installation Technician
BMT Supervisor

Earn A Degree Graduate Early (EDGE)

Contact Information:

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Our mission is to prepare students for careers, civic responsibility and life-long learning.

	Biomedical Instrumentation Technology – Major Code CB30						
Name:					**ID Number 942-**		
Educational Counselor:							
Faculty Advisor:							

COURSE	REQUIREMENTS	SEM	HRS	GR	SUBSTITUTE/REPEAT CRS	SEM	CR
AH 151	Medical Terminology (EDGE)		3				
ELT 111	Direct Current Circuit Analysis & Applications[1]		5				
ENL 231	Business and Technical Writing[2]		3				
MAT 145	Applications in Algebra[3]		3				
			14				
BMT 110	Safety in Healthcare		3				
COM 112 or COM 125	Oral Communication Interpersonal Communication		3				
ELT 121	Alternating Current Circuit Analysis & Applications[4]		5				
IT 101	Fundamentals of Computers (EDGE)		3				
MAT 215	Applied Discrete Math		3				
			17				
BMT 223	Biomedical Instrumentation		3				
ELT 131	Analog Circuits Analysis & Applications[6]		5				
ELT 211	Digital Circuits[7]		5				
IT 270	Computer Essentials and Applications[8]		4				
			17				
BMT 225	Biomedical Instrumentation II[9]		3				
BMT 299	Biomedical Internship[10]		3				
IT 230	Network Communications[11]		3				
SCI 110	Introductory Physics[12]		4				
			13				
	HOURS REQUIRED FOR GRADUATION: 61						

1. ELT 111 has a prerequisite of MAT 144 or 145.
2. ENL 231 has a prerequisite of placement in 100-level English, and placement in 100-level reading.
3. MAT 145 has a prerequisite of placement 100-level mathematics.
4. ELT 121 has a prerequisite of ELT 111.
5. MAT 210 has a prerequisite of MAT 135 or MAT 145.
6. ELT 131 has a prerequisite ELT 121.
7. ELT 211 has a prerequisite of MAT 215.
8. IT 270 has a prerequisite of IT 101 or IT 102.
9. BMT 225 has a prerequisite of BMT 223.
10. BMT 299 has a prerequisite of permission.
11. IT 230 has a co-requisite of IT 120 or permission.
12. SCI 110 has a prerequisite of MAT 125, MAT 135 or MAT 145.

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