Biomedical Equipment and Information Systems Technology (BMET)

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The Biomedical Equipment and Information Systems Technology graduate is welcomed in hospitals and companies wherever medical equipment is designed, tested, installed, and operated because of strong basic coursework in electronics. Biomedical studies open doors to hospitals where the graduate assumes the challenging tasks of healthcare technology management, maintaining multi-million dollar equipment, such as MRI, CT, sonogram, X-ray, and other medical equipment. Graduates also have a strong background in electronics and information systems.

The BMET curriculum provides students with an effective mechanism to transfer into a BMET or EET bachelor's degree program.

The Biomedical Equipment and Information Systems Technology program is accredited by the Engineering Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012, phone (410) 347-7700.

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All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Semester 1		Credits
ENG 101	English Composition	3
EET 121	Digital Systems 1	3
MAT 125	Algebra and Trigonometry	4
EET 131	Circuit Analysis 1	4
BMT 151	Biomedical Instrumentation 1	4
CIT 190	Career Preparation: Engineering and Information Technologies	1
Semester 2		
ENG 10X English Composition Elective		3
EET 122	Digital Systems 2	4
MAT 126	Functions and Calculus	4
EET 132	Circuit Analysis 2	4
PHY XXX Physics Elective		3
Semester 3		
BMT 291	Full-Time Cooperative Education 1: Biomedical Equipment and Information Systems Technology	2
Semester 4		
BIO 117	Human Body in Health and Disease	3
NETC 121	Network Communications 1	3
EET 210	Computer Calculations for Electronics	3
EET 251	Electronics 1	4
BMT 252	Biomedical Instrumentation 2	4
Semester 5		
COMM 110	Public Speaking	3
CULT 110	Social Issues in Technology	3
ECO 1XX Economics Elective		3
EET 220	Microprocessor Systems	4
BMT 253	Biomedical Instrumentation 3	4
Semester 6		
BMT 292	Full-Time Cooperative Education 2: Biomedical Equipment and Information Systems Technology	2
Total Credits:		75

Electives

English Composition Electivee

ENG 102	Composition and Argument	3
ENG 103	Composition and Literature	3
ENG 104	Composition and Technical Communication	3
ENG 105	Composition and Business Communication	3
Economics Elective		
ECO 105	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3
Physics Elective		
PHY 122	Technical Physics 2	3
PHY 151	Physics 1: Algebra and Trigonometry-Based	4