

# Biomedical Equipment and Information Systems Technology

## Center for Innovative Technologies Division

2015-2016 Curriculum

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

Course	Title	Pre-Reqs	Lec	Lab	Credit Hours
Semester 1					
BMT-151	Biomedical Instrumentation 1		3	3	4
CIT-190	Career Prep: Information & Engineering Tech		1	0	1
EET-121	Digital Systems 1		2	2	3
EET-131	Circuit Analysis 1		3	2	4
ENG-101	English Composition 1		3	0	3
MAT-XXX	Mathematics Elective 1		3	2	4
					19

Semester 2					
EET-122	Digital Systems 2	EET 121	3	2	4
EET-132	Circuit Analysis 2	EET 131, MAT 125	3	2	4
ENG-10X	English Composition Elective	ENG 101	3	0	3
MAT-XXX	Mathematics Elective 2		3	2	4
PHY-XXX	Physics Elective	PHY 121 or BMT 151	2	3	3
					18

Semester 3					
BMT-291	Full-Time Cooperative Education 1: BMT	BMT 151	1	40	2
					2

Semester 4					
BIO-117	Human Body in Health and Disease	BIO 111 (min. grade C)	3	0	3
BMT-252	Biomedical Instrumentation 2	BMT 151, EET 122, & EET 132	3	2	4
EET-251	Electronics	EET 132	3	3	4
NETC-121	Network Communications 1	See Catalog	2	2	3
					14

Semester 5					
BMT-253	Biomedical Instrumentation 3	BMT 252, EET 251	3	2	4
COMM-110	Public Speaking	ENG 101	3	0	3
CULT-110	Social Issues in Technology	ENG 101	3	0	3
ECO-1XX	Economics Elective		3	0	3
XXX-XXX	Technical Elective		2	3	3
					16

Semester 6					
BMT-292	Full-time Cooperative Education 2: BMT	BMT 291	1	40	2
					2
Total					71

Economics Elective: ECO 105, ECO 110

English Composition Elective: ENG 102, ENG 103, ENG 104, ENG 105

Mathematics Electives: Take one of the following series: MAT 125 and MAT 126; or MAT 251 and MAT 252

Physics Elective: PHY 122, PHY 151

Technical Elective: EET 220, EMET 240