Student Outcomes Mapping

Final Version

Level	BMT Courses	Student outcomes	a	b	c	d	e	f	g	h	i	j	k
4	BMTS 241	Electrical Circuits	x	x	x		x						
	BMTS 242	Computer and Systems	x		x		x						
	BMTS 243	Applied Mathematics 1	x	x				x					
	BMTS 244	Physics of Medical Equipment	x	x	x								
	BMTS 245	Electrical Skills	x		x	x	x						
	BMTS 246	Biomaterials	x	x								x	
5	BMTS 351	Biomedical Analog Electronics 1	x	x	x								
	BMTS 352	Electrical Measurements	x	x	x								
	BMTS 353	Biomedical Mechanical Equipment 1		x	x			x					
	BMTS 354	Applied Mathematics 2	x	x				x					
	BMTS 355	Biomedical Digital Electronics 1	x	x	x	x							
6	BMTS 361	Biomedical Analog Signal Processing	x	x		x							
	BMTS 362	Biomedical Analog Electronics 2		x	x	x	x						
	BMTS 363	Electromechanical Energy		x	x			x					
	BMTS 364	Biomedical Digital Electronics 2		x		x	x					x	
	BMTS 365	Biomedical Mechanical Equipment 2	x				x		x	x			
	BMTS 366	Computer Programming	x	x	x		x						
7	BMTS 471	Biomedical Electronic Equipment 1	x		x		x					x	
	BMTS 472	Medical Imaging Systems 1	x		x						x		
	BMTS 473	Hospital Safety			x						x	x	x
	BMTS 474	Medical Equipment Management and Maintenance	x		x		x	x					x
	BMTS 475	Biomedical Equipment Design		x	x	x	x		x		x		
	BMTS 476	Biomedical Digital Signal Processing	x	x	x	x							
8	BMTS 481	Computer Applications for Medical Systems		x	x				x			x	x
	BMTS 482	Medical Imaging Systems 2	x		x						x		
	BMTS 483	Optical and Laboratory Medical equipment	x		x				x				x
	BMTS 484	Biomedical Electronic Equipment 2		x	x			x	x				x
	BMTS 485	Reverse Engineering for Medical Equipment		x	x	x	x	x	x		x		
	BMTS 486	Molecular Sensors and Nano-devices	x	x		x		x			x		
9	BMTS 491	Biomedical Systems Control	x		x	x							
	BMTS 492	Digital Image Processing	x	x	x	x							
	BMTS 499	Graduation Project	x		x	x	x	x	x	x	x	x	x
	BMTS 592	Digital Equipment Design	x	x		x	x		x				
	BMTS 593	Artificial Intelligence	x	x		x		x					
	BMTS 594	Pattern Recognition	x	x		x		x					
	BMTS 595	Introduction to Telemedicine		x	x	x		x				x	
		Internship					x		x	x	x	x	x
		Number of Courses	26	25	26	16	14	12	9	3	8	8	7