PROGRAM ARTICULATION DEGI	REE PLAN				
John A Logan College	2024-2025		Southern Illinois Univers	ity Carbondale	
AAS Biomedical Electronics Techno	plogy - 66 hrs		BS Technical Resource Management (TRM) - 120 hrs		
			(UCC) CAPSTONE OPTIC	ON - 30 hrs	
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
COM 115	Speech	3	CMST 101	Intro to Oral Communication	Т
ENG 101 -or- 113	English Composition I -or- Professional Technical Writing	3	ENGL 101	English Composition I	T
			ENGL 102	English Composition II	NA
MAT 112 -or- 113	Intro Contemporary Math w/Integrated -or- Intro to Contemporary Math	3	MATH 101	Intro to Contemporary Math	Т
	IAI Social & Behavioral Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
			SOCIAL SCIENCE		3
			HUMANITIES		3
			HUMANITIES		NA
PHY 121	Technical Physics		SC1 1XX	UCC Physical Science Sub 100-level	T
			LIFE SCIENCE		3
			FINE ARTS	,	3
			HUMAN HEALTH		NA
			MULTICULTURAL	,	3
		15			15
Program Requirements			Program Requirements		
ELT 102	Basic Electricity & Wiring	4			
ELT 170	Biomedical Instrumentation I	3			
ELT 200	Intro to Microprocessors	3	·		
		2	The AAS degree in Biomedical Electronics Technology meets the Career Electives		
ELT 215	IOT & Embedded Systems	3	- · · · · · · · · · · · · · · · · · · ·		
ELT 220	Special Projects in Electronics	3	1	requirement of 42 hours.	
ELT 220 ELT 250	Special Projects in Electronics Biomedical Instrumentation II	3		requirement of 42 hours.	
ELT 220 ELT 250 ELT 280	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III	3 3 3		requirement of 42 hours.	
ELT 220 ELT 250 ELT 280 ORI 100	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101	3 3 3 1		·	
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I	3 3 3 1 3	AH 105 (elective)	Medical Terminology	T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits	3 3 3 1 3 4	AH 105 (elective) EET 245 (elective)	Medical Terminology Introductory Circuit Theory & Applications	T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I	3 3 3 1 3 4 3	AH 105 (elective) EET 245 (elective) EET 238 (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals	T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II	3 3 1 3 4 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab	T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics	3 3 3 1 3 4 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology	T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits	3 3 3 1 3 4 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab	T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems	3 3 3 1 3 4 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level	T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level	T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level	T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals	T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Approved Electives	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Approved Electives	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214 ELT 218	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware Intro to Network Technologies	3 3 3 1 3 4 3 3 3 3 3 3 5 5 1	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 238L (elective) EET 150 (elective) ITEC 245L (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Approved Electives  TRM 319, 320, 350, 358	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level As necessary to meet 42 senior institution hour requirement	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware Intro to Network Technologies	3 3 3 1 3 4 3 3 3 3 3 3 3 3 3	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) EET 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Approved Electives	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level As necessary to meet 42 senior institution hour requirement	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214 ELT 218	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware Intro to Network Technologies	3 3 3 1 3 4 3 3 3 3 3 3 5 5 1	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 150 (elective) ITEC 245L (elective) ITEC 2XX (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEC 324 (elective) ITEC 325 (elective) ITEC 326 (elective) ITEC 327 (elective) ITEC 327 (elective) ITEC 328 (elective) ITEC 329 (elective) ITEC 329 (elective) ITEM 316 ITEM 364 ITEM 364 ITEM 364 ITEM 364 ITEM 364 ITEM 365 ITEM 4664 ITEM 470 ITEM Support Courses Approved Electives ITEM 319, 320, 350, 358 ITOTAL SEMESTER INS COMP	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level As necessary to meet 42 senior institution hour requirement	T T T T T T T T T T T T T T T T T T T
ELT 220 ELT 250 ELT 280 ORI 100 ALH 217 ELT 103 ELT 111 ELT 112 ELT 150 ELT 151 ELT 210 ELT 214 ELT 218	Special Projects in Electronics Biomedical Instrumentation II Biomedical Instrumentation III College 101 Medical Terminology I Applied DC/AC Circuits Digital Electronics I Digital Electronics II Applied Solid State Electronics Applied Solid State Circuits Supporting Computer Operating Systems Fundamentals of Computing Hardware Intro to Network Technologies	3 3 3 1 3 4 3 3 3 3 3 3 5 5 1	AH 105 (elective) EET 245 (elective) EET 238 (elective) EET 238L (elective) EET 238L (elective) EET 150 (elective) ITEC 245L (elective) ITEC 2XX (elective) ITEC 224 (elective) ITEC 224 (elective)  TRM 316 TRM 364 TRM 383 TRM 425 TRM 464 TRM 470 TRM Support Courses Approved Electives  TRM 319, 320, 350, 358	Medical Terminology Introductory Circuit Theory & Applications Digital System Fundamentals Digital System Fundamentals Lab Intro to Electrical Engineering Technology Introductory Circuit Theory & Applications Lab ITEC Elective 200-level ITEC Elective 200-level Network Fundamentals  Applications of Technical Writing Work Center Management Data Applications & Interpretation Operations Management Managing for Quality Project Management Select 2 from: TRM 332, 361, 362, 363E, 421, 440 300/400 Level As necessary to meet 42 senior institution hour requirement	T T T T T T T T T T T T T T T T T T T