



TRANSFER GUIDE

AAS Industrial Maintenance Tech transferring into BS Electrical Engineering Technology (EET)

	Illinois Eastern Com	munity Colleges Cours	es			
AAS Industrial Maintenance Technology – 60 hours						
ENG 1111-3	Composition I	CERT-16	C501 or C507 and MTH 1201			
SPE 1101-3	Fundamentals of Effective Speaking	CERT-16	C502 Certificate			
Elective-3	IAI Social Science or Humanities	CERT-16	C503 Certificate			
Elective-3	General Education Elective	*Must satisfy th	e IECC Human Diversity Requirement			
	Southern Illinois University Car	bondale Courses Caps	tone Option			
	BS Electrical Engineering	Technology (EET) – 91	hours			
BIOL 202-2	Human Genetics and Human Health	EET 403A-4	Electronic Circuit Analysis			
MATH 111-4	Precalculus	EET 403B-4	Electronics Application & Design			
Elective-3	Social Science	EET 437A-4	Telecomm System Fundamentals			
Elective-3	Fine Arts	EET 437B-4	Data & Computer Communication			
Elective-3	Multicultural	EET 438A-4	Automatic Control Systems Tech			
ENGR 222-2	Comp Methods for Engr & Tech	EET 438B-4	Seq Digital Ctrl & Data Acquisition			
EET 150-2	Intro to Electrical Engineering Tech	EET 439-4	Microcontroller App & Design			
EET 238-3	Digital System Fundamentals	EET 495A-1	EET Senior Design I			
EET 245-4	Intro Circuit Theory & Application	EET 495B-1	EET Senior Design II			
EET 304A-4	AC/DC Circuit Theory & Application	MATH 150-4	Calculus I			
EET 304B-4	Network Theory & Application	MATH 282-3	Introduction to Statistics			
EET 332A-4	DC Motors, Generators & Energy	MGMT 202-3	Business Communications			
	Conversion Devices	PHYS 203/253A-4	College Physics II/Lab			
EET 332B-4	AC Electrc Machines & Powr	PHYS 203/253B-4	College Physics II/Lab			
	Systems					
	Total Hours to Bach	elor Degree: 151 Hour	'S			

Questions? Contact Us!

Salary Range: \$55,000-\$75,500

Possible Careers: Electronics Design Engineer

Field Service Engineer Hardware Engineer

Senior Engineering Technician

Test Engineer

Illinois Eastern Community Colleges

Alyssa Maglone

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Southern Illinois University Carbondale

Dr. Carl Spezia, Program Coordinator Electrical Engineering Technology

P: 618-453-7839

E: powerguy@siu.edu

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.

Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a *C* average for <u>all work</u> taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, must select a participating SIU major, and must attend an eligible community college. Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC). The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in SalukiNet.

	REE PLAN				
Illinois Eastern Community Colle			Southern Illinois University Carbon		
AAS Industrial Maintenance Techno	nogy - 60 nrs	1	BS Electrical Engineering Technolog	(UCC) CAPSTONE OPTION - 30 hrs	
		Hrs	UNIVERSITY CORE CURRICULUM	(UCC) CAPSTONE OPTION - 30 Hrs	Hrs
		1113	UNIV 101	Foundations of Inquiry	NA
ENG 1111	Composition I	3	ENGL 101	English Composition I	T
LNO IIII	Composition	3	ENGL 101	English Composition II	NA
DE 4404	Firedon and the fffettine On a line	-			
SPE 1101	Fundamentals of Effective Speaking	3	CMST 101	Intro to Oral Communication	T
	<u> </u>	1	MATH 111	Precalculus	4
	IAI Social Science* -OR-	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	Т
			SOCIAL SCIENCE		3
	IAI Humanities*		HUMANITIES		Т
			HUMANITIES		NA
			PHYS 203A/253A	College Physics/Lab	4
			LIFE SCIENCE	Students take 2 physics courses	NΑ
			FINE ARTS	,	3
		1	BIOL 202	Human Genetics and Human Health	2
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The numanities of Social Science	Elective must satisfy the IECC Human Diversity Requirement	9	MULTICULTURAL		19
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Program Requirements	Constal Education Floative	_	Program Requirements		
Elective	General Education Elective	3	and the same of th		
Choose C501 or C507 Certificate		-	_{		
C501 Certificate					
INM 1200	Mechanics	3			
INM 1206	Intro to Industrial Maintenance Technology	2			
INM 1210	Blueprints and Schematics	3			
INM 2210	Occupational Safety (OSHA)	1			
INM 2228	Lean Manufacturing	3	1		
C507 Certificate	Louis manadousing				
INM 2206	Programmable Controllers I	3			
INM 2207	Robotics Technology	3	-		
INM 2208	Programmable Controllers II	3			
INM 2211	Mechatronics I	4		aintenance Technology as articulated fulfills the 7 hour	
	D	3	technical electives required for	the BS degree in Electrical Engineering Technology (E	EET).
INM 2212	Programmable Controllers III		tocimical cicotives required for		
		4	teenmen electives required for		
INM 2212 MTH 1201	Programmable Controllers III Technical Math		tooliiiloai cicctives required for		
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MTH 1201 C502 Certificate	Technical Math	4	teetimeen electives required for		
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MTH 1201 C502 Certificate INM 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5			
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5			2
MTH 1201 C502 Certificate IIMN 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222	Computational Methods for Engineers and Technologists	
MTH 1201 C502 Certificate INM 1212 INM 1213 INM 1214 INM 1215 S03 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150	Computational Methods for Engineers and Technologists Calculus I	4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282	Computational Methods for Engineers and Technologists Calculus I	4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MGMT 202	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications	4 3 3
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab	4 3 3 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology	4 3 3 4 2
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B	Computational Methods for Engineers and Technologists Calculus I intro to Statistics Business Communications College Physics III.ab intro to Electrical Engineering Technology Digital System Fundamentals	4 3 3 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology	4 3 3 4 2
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications	4 3 3 4 2 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 245 EET 304A	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application	4 3 3 4 2 4 4
MTH 1201 C502 Certificate IIMN 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 245 EET 304A EET 304A EET 304B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application AC Network Theory and Application	4 3 3 4 2 4 4 4 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 2038/253B EET 150 EET 238 EET 394A EET 304A EET 304B EET 304B EET 304B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.ab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/IDC Circuit Theory and Application AC Network Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices	4 3 3 4 2 4 4 4 4 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 262 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 245 EET 304A EET 304A EET 304B EET 332A EET 332A EET 332A	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems	4 3 3 4 2 4 4 4 4 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 245 EET 304A EET 304B EET 332A EET 332A EET 332B EET 4332B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis	4 3 3 4 2 4 4 4 4 4 4 4
MTH 1201 C502 Certificate INM 1212 INM 1213 INM 1214 INM 1215 S03 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 304B EET 304B EET 304B EET 332B EET 332A EET 332B EET 403A EET 403A	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Circuit Analysis	4 3 3 4 2 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate INM 1212 INM 1213 INM 1214 INM 1215 S03 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 38 EET 304A EET 304B EET 304B EET 332A EET 403A EET 403A EET 403B EET 403B EET 403B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory a Applications AC/DC Circuit Theory and Application AC/DC Circuit Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronics Application and Design Telecommunication Systems Fundamentals	4 3 3 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate INM 1212 INM 1213 INM 1214 INM 1215 S03 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 304B EET 304B EET 304B EET 332B EET 332A EET 332B EET 403A EET 403A	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III/Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory and Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Circuit Analysis Electronic Application and Design Telecommunication Systems Fundamentals Data and Computer Communication	4 3 3 4 2 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 38 EET 304A EET 304B EET 304B EET 332A EET 403A EET 403A EET 403B EET 403B EET 403B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory a Applications AC/DC Circuit Theory and Application AC/DC Circuit Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronics Application and Design Telecommunication Systems Fundamentals	4 3 3 4 2 4 4 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate IIM 1212 IIM 1213 INM 1214 IIM 1215 C503 Certificate EGR 1131 IIM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 238 EET 304A EET 304A EET 304B EET 304B EET 332B EET 403A	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics II/Lab Intro to Estatistical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Application and Design Telecommunication Systems Fundamentals Data and Computer Communication Automatic Control Systems Technology	4 3 3 4 2 4 4 4 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate IIMN 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 245 EET 304A EET 304A EET 304B EET 332A EET 403A EET 403A EET 403A EET 403A EET 403A EET 403B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory a Applications AC/DC Circuit Theory and Application AC/DC Circuit Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Circuit Analysis Electronics Application and Design Telecommunication Systems Fundamentals Data and Computer Communication Automatic Control Systems Technology Sequential Digital Control and Data Acquisition	4 3 3 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate IIMN 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 304A EET 304B EET 332B EET 332B EET 403B EET 437A EET 437B EET 437B EET 438B EET 438B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.ab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory & Applications AC/IDC Circuit Theory and Application AC Network Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Circuit Analysis Electronic Systems Fundamentals Data and Computer Communication Automatic Control Systems Technology Sequential Digital Control and Data Acquisition Microcontroller Application and Design	4 3 3 3 4 4 2 2 4 4 4 4 4 4 4 4 4 4 4 4
MTH 1201 C502 Certificate IIMN 1212 INM 1213 INM 1214 INM 1215 C503 Certificate EGR 1131 INM 1205	Technical Math CPT Safety CPT Quality CPT Manufacturing Process CPT Maintenance Awareness Engineering Graphics and Design Fluid Power Electo-Mechanics I	3 3 3 3 3 3 5 5	ENGR 222 MATH 150 MATH 282 MGMT 202 PHYS 203B/253B EET 150 EET 238 EET 245 EET 304A EET 304A EET 304B EET 332A EET 332A EET 403A EET 403A EET 403A EET 437B EET 437B EET 437B EET 438A EET 438B EET 438B EET 438B EET 439B EET 439B EET 439B	Computational Methods for Engineers and Technologists Calculus I Intro to Statistics Business Communications College Physics III.Lab Intro to Estatistics Business Communications College Physics III.Lab Intro to Electrical Engineering Technology Digital System Fundamentals Introductory Circuit Theory at Applications AC/DC Circuit Theory and Application AC Network Theory and Application DC Motors, Generators and Energy Conversion Devices AC Electric Machines and Power Systems Electronic Circuit Analysis Electronic Circuit Analysis Electronic Systems Fundamentals Data and Computer Communication Automatic Control Systems Technology Sequential Digital Control and Data Acquisition Microcontroller Application and Design Senior Design I	4 3 3 4 4 4 4 4 4 4 4 4 4 4 4 1 1
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