

RECOMMENDED ACADEMIC PLAN – ELECTRICAL ENGINEERING TECHNOLOGY

Program Semester Planning Schedule for Semesters 5 – 8 for Associate Degree Students Pursuing a Baccalaureate Degree

General Option			
Semester V		Semester VI	
<i>CHEM 110 Chemical Principles and 111 Experimental Chemistry GN</i>	4	EET 312 Electric Transients	4
EET 311 Alternating Current Circuits	4	EET 331 Electronic Design	4
<i>ENGL 202C Effective Writing: Technical Writing GWS</i>	3	Select 3-4 credits from MATH 230 Calculus and Vector Analysis, MATH 250 Ordinary Differential Equations, MATH 408 Advanced Calculus, MATH 430 Linear Algebra and Discrete Models I, MATH 444 Mathematical Statistics and Applications I, MATH 446 Introduction to Applied Statistics I, or STAT 200 Elementary Statistics GQ	3-4
<i>MATH 141 Calculus with Analytic Geometry II GQ</i>	4	SET Elective	3
Health and Physical Activity GHA	1.5	ARTS/HUM/SOC SC (GA, GH, GS)	3
	16.5		17-18
Summer Session*			
Semester VII		Semester VIII	
EET 419 Project Proposal Preparation	1	EET 420 W Electrical Design Project	3
Electronics Elective	4	GEET Elective	4
GEET Elective	4	SET Elective	3
System Elective	4	ARTS/HUM/SOC SC (GA, GH, GS)	3
System Elective	4	ARTS/HUM/SOC SC (GA, GH, GS)	3
	17	Health and Physical Activity GHA	1.5
			17.5
Computer Engineering Technology Option			
Semester V		Semester VI	
<i>CHEM 110 Chemical Principles and 111 Experimental Chemistry GN</i>	4	CMPEN 431 Introduction to Computer Architecture	3
EET 311 Alternating Current Circuits	4	EET 312 Electric Transients	4
<i>ENGL 202C Effective Writing: Technical Writing GWS</i>	3	EET 331 Electronic Design	4
<i>MATH 141 Calculus with Analytic Geometry II GQ</i>	4	Select 3-4 credits from MATH 230 Calculus and Vector Analysis, MATH 250 Ordinary Differential Equations, MATH 408 Advanced Calculus, MATH 430 Linear Algebra and Discrete Models I, MATH 444 Mathematical Statistics and Applications I, MATH 446 Introduction to Applied Statistics I, or STAT 200 Elementary Statistics GQ	3-4
Health and Physical Activity GHA	1.5	ARTS/HUM/SOC SC (GA, GH, GS)	3
	16.5		17
Summer Session*			
Semester VII		Semester VIII	
EET 419 Project Proposal Preparation	1	CMPET 401 Data Communication and Networking and Data Communication and Networking Laboratory 402	4
ARTS/HUM/SOC SC (GA, GH, GS) or 2nd Programming	3	CMPET 403 Switching Circuit Design	4
Application Elective	4	EET 420 W Electrical Design Project	3
CMPET Elective	4	ARTS/HUM/SOC SC (GA, GH, GS) or 2nd Programming	3
CMPET Elective	4	ARTS/HUM/SOC SC (GA, GH, GS)	3
Health and Physical Activity GHA	1.5		17
	17.5		

Advising Notes

- **Bold type** require a grade of C or better.
- *Italics* indicates courses that satisfy both major and General Education requirements.
- **Bold Italics** indicates courses requiring a quality grade of C or better and that satisfy both major and General Education requirements.
- GWS, GHA, GQ, GN, GA, GH, and GS are codes used to identify General Education requirements.
- US, IL, and US;IL are codes used to designate courses that satisfy University United States/International Cultures requirements.
- W is the code used to designate courses that satisfy University Writing Across the Curriculum requirements.

* Depending on their prior coursework and academic progress, students may need to take additional General Education courses in the summer before or during the baccalaureate program. (GA, GH, GS, GHA)

NOTE: Following courses are offered only in semesters as listed below.

Fall: PHYS 150, CMPEN 271, CMPEN 275, EE 315, CMPEH 472, MATH 230, MATH 430, EET 311
Spring: PHYS 151, MATH 250, EET 312, EET 331, EE 310, EE 485, CMPEN 431, CMPET 401, CMPET 402, CMPET 403

Students must complete a 3-credit course in "United States Cultures (US)" and a 3-credit course in "International Cultures (IL)."

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