

# Bachelor of Science in Computer Engineering Technology -- 130/131 Credits

JCPET-BSCP (RG 4734)

Effective August 2015

## CET Freshman Year Curriculum (RG 373) & General Education Requirements (RG 374)

(RQL 871-10)

ET Freshman Year Curriculum			
Complete the following Courses		CR	Satisfied/Term
EngCmp 0003	Communication I	3	
EngCmp 0004	Communication II	3	
Chem 0111	General Chemistry I	3	
Chem 0113	General Chemistry I Lab	1	
ET 0011	Engineering Drawing	3	
ET 0023	Intro to Computer-Aided	2	
ET 0082	Freshmn Engr Tech	0	
Math 0221	Analytic Geom & Calc I	4	
Math 0231	Analytic Geom & Calc II	4	
Phys 0150	Physics I	4	
Phys 0151	Physics Laboratory I	1	
<b>Requirement Satisfied</b>			

(RQL 871-20)

ET Freshman Year Curriculum			
Complete one of the following		CR	Satisfied/Term
CAS 0001	University Scholarship	1	
ET 0079	Freshman Seminar	1	
ET 0081	Freshman Seminar	0	
<b>Requirement Satisfied</b>			

(RQL 870-10 thru 50)

Social Science - 9 credits minimum			
Select 1 course from 3 different disciplines			
Anthropology			
Geography			
History			
Political Science			
Sociology			

(RQL 869-40 thru 120)

Humanities - 9 credits minimum			
Select 1 course from 3 different disciplines			
	3		
	3		
	3		

## CPET Sophomore Year Curriculum

(RQL 1958-10)

Soph Year Curriculum - 3rd Term			
Complete the following Courses		CR	Satisfied/Term
EET 0010	Basic Elec Tech	1	
EET 0110	Circuits 1 Basic Ele	3	
EET 1183	EET Seminar A	0	
ET 0031	Computer Syms Prgrmg	3	
Math 0241	Analytic Geom & Calc 3	4	
Phys 0152	Physics 2	4	
Phys 0153	Physics Laboratory 2	1	
<b>Requirement Satisfied</b>			

(RQL 1958-20)

Soph Year Curriculum - 4rd Term			
Complete the following Courses		CR	Satisfied/Term
CS 0410	Intro CS Program	1	
EET 0021	Electronics I Lab	1	
EET 0111	Circuits 2	4	
EET 0121	Electronics I	3	
EET 1184	Sophomore Seminar	0	
ET 0035	Engineering Design	3	
ET 0052	Mechanics Dynamics	3	
Math 1035	Diff Equations	4	
<b>Requirement Satisfied</b>			

## CPET Junior Year Curriculum

(RQL 1959-10)

Junior Year Curriculum - 5th Term			
Complete the following Courses		CR	Satisfied/Term
CS 0045	Intro to Info Structure Apps	1	
CS 0455	Intro to Info Structures	3	
EET 1061	Digital Electronics Lab	1	
EET 1161	Digital Electronics	3	
EET 1185	Junior Seminar Fall	0	
ET 1103	Engr Economics	3	
<b>Requirement Satisfied</b>			

(RQL 1959-20)

Junior Year Curriculum - 6th Term			
Complete the following Courses		CR	Satisfied/Term
CS 0047	Adv Prog Concepts Apps	1	
CS 0048	Data Structure & Files Apps	1	
CS 0457	Advanced Prog Concepts	3	
CS 0458	Data Structures & Files	3	
EET 1032	Embedded Systems Lab	1	
EET 1132	Embedded Systems	3	
EET 1186	Junior Seminar Spring	0	
Engwrt 1192	Technical Writing	3	
<b>Requirement Satisfied</b>			

## CPET Senior Year Curriculum

(RQL 1962-10)

Senior Year Curriculum - 7th Term			
Complete the following Courses		CR	Satisfied/Term
CPET 1078	Computer Networks Lab	1	
CPET 1178	Computer Networks	3	
EET 1187	Senior Seminar Fall	0	
CPET 1195	Senior Project Prop	2	
<b>Requirement Satisfied</b>			

(RQL 1962-50)

Senior Year Curriculum - 8th Term			
Complete the following Courses		CR	Satisfied/Term
EET 1075	Adv Dig Systems Lab	1	
EET 1175	Adv Dig Systems Lab	3	
EET 1188	Senior Seminar	0	
CPET 1199	Senior Design Project	3	
<b>Requirement Satisfied</b>			

(RQL 1962-20, 30, 40)

Technical Electives			
Complete a total of Three Technical Electives			
Must complete at least one course in CS and EET Groups			
Computer Sciences Electives Group			
CS 1736	Software Engineering	3	
CS 1750	Systems Programming	3	
CS 1766	Intro to Computer Graphics	3	
CS 1783	Artificial Intelligence Prog	3	
CS 1791	Compiler Design	3	
CS 1792	Computer Operating Syst	4	
EET Electives Group			
EET 1165/1065	Control Methods/Lab	4	
EET 1176	Digital Signal Processing	3	
Telecom Electives Group			
Telecom 2000	Intro to Telecom & Networks	3	
	(Sch of Info Sci - Pitt Main)	3	
<b>Requirement Satisfied</b>			

### IMPORTANT INFORMATION:

This sheet is an unofficial representation of the major requirements and the information is subject to change. It is not an official record of academic progress and should not be treated as such. Official degree information can only be obtained through the Division Office or the Office of the Registrar.