

CAMPUS: WILMINGTON
DEPARTMENT: Computer Network Engineering Technology/CNE

RECOMMENDED COURSE SEQUENCE SHEET
Effective: **2002-03**

Name: _____ No pre-tech requirements MAT 005
 SSN: _____ RDG 005 MAT 012
 Academic Advisor: _____ ENG 005 RDG 051 MAT 015
 Matriculation Date: _____ ESL ENG 051 RDG 120 MAT 075

RDG 120, Critical Reading and Thinking, will be a required course unless the student attains a specific minimum score on the College Placement Test.

Curriculum: COMPUTER NETWORK ENGINEERING TECHNOLOGY Curriculum Code Designation: CNE

COURSE NUMBER AND TITLE	C L	L	CR	SEMESTER		G R	PREREQUISITES	CO- REQ.
				Offered	Completed			
FIRST SEMESTER (FALL)								
CIS-120, Introduction to Programming	3	2	4	Fall/Spring			*ENG-051, *MAT-015, *RDG-051	
CIS-141, Operating Systems I	3	2	4	Fall/Spring			*ENG-051, *MAT-015, *RDG-051	
ENG-121, Composition	3	0	3	Fall/Spring			*ENG-051, *RDG-120	
ELC-124, DC & AC Circuit Analysis	4	2	5	Fall			All Pre-tech courses completed	
MAT-181, Algebra & Trigonometry I	4	0	4	Fall/Spring			*Placement Test	
TOTAL	17	6	20					
SECOND SEMESTER (SPRING)								
CIS-210, Data Communication &	2	2	3	Spring			CIS-107 or CIS-120	
CIS-211, Data Structure	3	2	4	Fall/Spring			CIS-120 & CIS-141	
ELC-130, Digital Electronics I	3	3	4	Spring			ELC-124	
ENG-122, Tech. Writing	3	0	3	Fall/Spring			ENG-121	
MAT-182, Algebra & Trigonometry II	4	0	4	Fall/Spring			MAT-181	
TOTAL	15	7	18					
THIRD SEMESTER (FALL)								
CIS-130, Computer Organization	2	2	3	Fall			CIS-120	
CIS-146, Networking I	3	2	4	Fall			CIS-210	
ELC-131, Digital Electronics II	3	3	4	Fall			ELC-130	
MAT-253, Discrete Mathematics	3	0	3	Fall/Spring			MAT-181 or MAT-153	
PHY-271, Electricity & Magnetism	3	2	4	Fall			MAT-182	
TOTAL	14	9	18					
FOURTH SEMESTER (SPRING)								
CIS-196, Networking II	3	2	4	Spring			CIS-146	
ELC-232, Introduction to Microprocessors	3	3	4	Spring			ELC-131	
Humanities/Social Science	3	0	3	Fall/Spring			See catalog	
Humanities/Social Science	3	0	3	Fall/Spring			See catalog	
TOTAL	14	7	14					
GRAND TOTAL			70					

Note: * Placement Test