

7.4 Sample Plan of Study

Sample Plan of Study

Computer Network Systems (CNS) – without summer semesters

Freshman Year

Semester 1			Semester 2				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
MAT 100	Introduction to Mathematics	3		MAT 150	Mathematics for Business	3	MAT 100
ENGL 100	English for Academic Studies	3		CNS 240	Data Communications & Networking	3	CNS 176
ICT 100	Introduction to IT and Computing Essentials + LAB	3		CNS 180	Introduction to Systems Development	3	
GEE	General Education Elective	3		CNS 155	Introduction to Programming	3	ICT 100 or TECH 120
CNS 176	Information Technology Architecture	3		COM 114	Speech Communication	3	ENGL 100
Semester Credits = 15				Semester Credits = 15			

Sophomore Year

Semester 3			Semester 4				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
MAT 175	Calculus	3	MAT150	CNS 295	Object Oriented Programming	3	CNS 155 or CNS 156
CNS 260	Wireless networking fundamentals	3	CNS240	CNS 242	System Administration	3	CNS 240
	Business Selective	3		CNS 261	Wireless Security and Management	3	CNS 260
CNS 272	Database Fundamentals	3	CNS180		Science Selective	3	
GEE	General Education Elective	3		CNS 280	Systems Analysis and Design	3	CNS180 and CNS 272
				ENGL 106	English Composition	3	ENGL 100
				INT 200	Internship	0	Sophomore
Semester Credits = 18				Semester Credits = 18			

Total Credits = 66

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Freshman Year

Semester 1			Semester 2				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
MA 130	Applied Algebra and Trigonometry	3	Placement Test	MA 161	Applied Calculus I	3	MA 130
ENGL 100	English for Academic Studies	3		CNS 240	Data Communications & Networking	3	CNS 176
TECH 120	Design Thinking in Technology	3		CNS 180	Introduction to Systems Development	3	
GEE	General Education Elective	4		CNS 156	Introduction to Software Development Concepts	3	
CNS 176	Information Technology Architecture	3		COM 114	Speech Communication	3	ENGL 100
Semester Credits = 16				Semester Credits = 15			

Sophomore Year

Semester 3			Semester 4				
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ECET 224	Electronic Systems	3		CNS 255	Object Oriented Programming Introduction	3	CNS155 or CNS 156
CNS 242	System Administration	3	CNS 176	CNS 346	Wireless networking	4	CNS240 CNS 242
	Business Selective	3		CNS 340	UNIX Administration	3	CNS 242
CNS 272	Database Fundamentals	3	CNS 180, CNS 155 or CNS 156	CNS 280	Systems Analysis and Design	3	CNS180 and CNS 272
	Science Selective	4		GEE	General Education Elective	3	
				ENGL 106	English Composition	3	ENGL 100
Semester Credits = 16				Semester Credits = 19			

Total Credits = 66