

## CIT Majors Fall 2016 Computer & Information Technology Pre-Requisites

C- or better required in all CNIT courses that are prerequisites to CNIT courses

Typically Offered/ First Offering	Course	Notes	Title	CR	PRE-REQUISITES/CONCURRENT PRE-REQUISITES(CONCURRENT PRE-REQUISITES TAKEN AT THE SAME TIME OR BEFORE)
Fall & Spring	CNIT15501		Intro To Software Dev Concepts	3	PC Literacy
Fall & Spring	CNIT17600		Info Tech Architecture	3	PC Literacy
Fall & Spring	CNIT18000		Intro To Systems Devel	3	PC Literacy
Fall & Spring	CNIT24000		Data Comm & Networking	3	Sophomore Standing (15 credits or more)
Fall & Spring	CNIT24200		System Administration	3	CNIT 17600 minimum grade of C- or CPT 17600 minimum grade of C- & Sophomore Standing (30 credits or more)
Fall & Spring	CNIT25501		Obj-Oriented Prog Introduction	3	CNIT 15501 minimum grade of C-
Spring 2017	CNIT27000		Cybersecurity Fundamentals	3	CNIT 17600 minimum grade of C- or CNIT 15501 minimum grade of C-
Fall & Spring	CNIT27200		Database Fundamentals	3	Minimum grade of C- in: CNIT 18000 & CNIT 15501 & concurrent prereq CNIT 28000
Fall & Spring	CNIT28000		Syst Analysis & Design	3	Minimum grade of C- in: CNIT 18000 & concurrent prereq CNIT 27200
Spring Only	CNIT31500		Systems Programming	3	CNIT 25501 minimum grade of C-
Fall & Spring	CNIT32000		Pol, Reg & Global Info Tech	3	TECH 12000 minimum grade of D- & Junior Standing (45 credits or more)
Fall & Spring	CNIT32100		Enterprise Collaboration	3	Junior or Senior Standing
Fall	CNIT32200	F16 as CNIT48101	Research Methodology & Design	3	CNIT 27000 minimum grade of C-
Fall Only	CNIT32500		OO Application Development	3	CNIT 25501 minimum grade of C-
Fall Only	CNIT34000		UNIX Administration	3	CNIT 24200 minimum grade of C-
Spring 2017	CNIT34010	(1st 8 weeks)	UNIX Fundamentals	1	CNIT 24200 minimum grade of C-
Spring Only	CNIT34200		Adv Sys & Netwrk Admin	4	CNIT 34000 minimum grade of C-
To Be Determined	CNIT34210		Storage Area Networking	2	CNIT 34000 minimum grade of C-
Spring 2017	CNIT34220	(2nd 8 weeks)	Network Administration	2	CNIT 34000 minimum grade of C- or CNIT 34010 minimum grade of C-
To Be Determined	CNIT34400		Network Engr Fundamentals	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C-
Fall & Spring	CNIT34500		Internet Desgn&Implem	4	CNIT 24000 minimum grade of C- & CNIT 24200 minimum grade of C-
Fall & Spring	CNIT34600		Wireless Networks	4	CNIT 24000 minimum grade of C- & CNIT 24200 minimum grade of C-
Fall & Spring	CNIT35500		Sftwr Dev Mobile Cmptr	3	Minimum grade of C- in: CNIT 31500 or CNIT 32500
To be determined	CNIT37000		Introduction To Cryptography	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C-
Fall Only	CNIT37200		Database Programming	3	CNIT 27200 minimum grade of C-
Fall & Spring	CNIT38000		Adv Analysis & Design	4	CNIT 28000 minimum grade of C-
Spring Only	CNIT38301		Packaged App Software Solution	3	CNIT 28000 minimum grade of C- & CNIT 38000 minimum grade of D-
Fall Only	CNIT38501		Adv Sys Des & Intgrtn	3	CNIT 38000 minimum grade of C-
Spring Only	CNIT39200		Enterprise Data Mgmt	3	CNIT 27200 minimum grade of C-
Fall Only	CNIT40500		Software Development Methods	3	Minimum grade of C- in: CNIT 31500 or CNIT 32500
To Be Determined	CNIT41500		Advanced Coding Security	3	CNIT 31500 minimum grade of C-
Spring Only	CNIT42000		Basic Cyber Forensics	3	Junior or Senior Standing (60 credits or more)
Fall & Spring	CNIT42200	F16 as CNIT48101	Cyber Criminology	3	Sophomore Standing (30 credits or more)
To Be Determined	CNIT42500		Software Dev Mobile Devices II	3	CNIT 35500 minimum grade of C-
Fall Only	CNIT43500		Adv Network Services	3	CNIT 34500 minimum grade of C-
Spring Only	CNIT44500		Adv Ntwrk Rout &Switch	3	CNIT 34500 minimum grade of C-
Fall Only	CNIT44600		Advanced Wireless Networks	3	CNIT 34600 minimum grade of C-
To Be Determined	CNIT45000		Enterprise App Development	3	Minimum grade of C- in: CNIT 27200 & [CNIT 31500 or CNIT 32500]
Fall Only	CNIT45500		Network Security	3	CNIT 34200 minimum grade of C- & CNIT 34500 minimum grade of C-
Spring Only	CNIT45600		Wireless Secur & Mgmt	3	Minimum grade of C- in: CNIT 34600 & CNIT 34000 & CNIT 45500
Fall & Spring	CNIT45800		Biomedical Informatics	3	Junior or Senior Standing (60 credits or more)
To Be Determined	CNIT46000		HPC Systems	3	CNIT 34000 minimum grade of C-
To Be Determined	CNIT46100		Parallel Data Systems	3	CNIT 34000 minimum grade of C-
To Be Determined	CNIT46500		Senior Software Dev Project	3	Senior Standing & minimum grade of C- in: CNIT 31500 or CNIT 32500 or CNIT 29500
Fall Only	CNIT47000	F16 as CNIT48101	Incident Response Management	3	Minimum grade of C- in: CNIT 32000 & [CNIT 34400 or CNIT 34500] & concurrent prereq CNIT 45500
Spring Only	CNIT47100		Vuln Analysis & Testing	3	CNIT 37000 minimum grade of C- & CNIT 45500 minimum grade of C-
Fall & Spring	CNIT48000		Manag Info Tech Projct	3	CNIT 28000 minimum grade of C- & Senior Standing
Fall Only	CNIT48700		Database Administratn	3	Minimum grade of C- in: CNIT 37200 or CNIT 39200
Spring Only	CNIT48800		Data Warehousing	3	Minimum grade of C- in: CNIT 37200 or CNIT 39200