

CIT Majors Fall 2019 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 (short)	CR	REQUISITES
Fall & Spring	CNIT15501		Intro To Software Dev Concepts	3	None
Fall, Spring & Summer	CNIT17600		Info Tech Architecture	3	None
Fall, Spring & Summer	CNIT18000		Intro To Systems Devel	3	None
Fall Only	CNIT24000		Data Comm & Networking	3	Must have completed 15 credit hours (Classification 2)
Fall, Spring & Summer	CNIT24200		System Administration	3	CNIT 17600 minimum grade of C- minimum grade of C- & Sophomore Standing (30 credits or more)
Fall & Spring	CNIT25501		Obj-Oriented Prog Introduction	3	CNIT 15501 minimum grade of C-
Fall & Spring	CNIT27000		Cybersecurity Fundamentals	3	CNIT 17600 minimum grade of C- & 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 (MUST BE TAKEN WITH CNIT 27200)
Fall & Spring	CNIT28000		Syst Analysis & Design	3	Minimum grade of C- in: CNIT 18000 & concurrent prereq CNIT 27200 (MUST BE TAKEN WITH CNIT 28000)
Fall	CNIT30600	F18 as CNIT 48101	Game Development I	3	CNIT 15501 Minimum Grade of C- and Undergraduate level MA 16010 Minimum Grade of C-
Spring	CNIT30800		Game Development II	3	CNIT 30600 Minimum Grade of C- or Undergraduate level CGT 24500 Minimum Grade of C-
Fall & Spring	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 Only	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-
To Be Determined	CNIT33100		Game Development III	3	CNIT 23200 Minimum Grade of C- or Undergraduate level CGT 25500 Minimum Grade of C-
Fall Only	CNIT34000		UNIX Administration	3	CNIT 24200 minimum grade of C-
Fall Only	CNIT34010	(8 weeks)	UNIX Fundamentals	1	CNIT 24200 minimum grade of C-
No Longer Offered	CNIT34200	(replaced by 34210 & 34220)	Adv Sys & Network Admin	4	Replaced by CNIT 34210+34220
Spring Only	CNIT34210	(2nd 8 weeks)	Storage Area Networking	2	CNIT 34000 minimum grade of C-
Spring Only	CNIT34220	(1st 8 weeks)	Network Administration	2	CNIT 34000 minimum grade of C- or CNIT 34010 minimum grade of C-
Fall & Spring	CNIT34400		Network Engr Fundamentals	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C- (CNIT 270 waived for students on Catalog Terms Prior to Fall 2016)
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 Only	CNIT35500		Sftwr Dev Mobile Cmptr	3	CNIT 31500 or CNIT 32500 minimum grade of C-
Fall & Spring	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	3	CNIT 28000 minimum grade of C-
Fall	CNIT38301		Packaged App Software Solution	3	CNIT 28000 minimum grade of C-
To Be Determined	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
Fall	CNIT41500		Advanced Coding Security	3	CNIT 31500 minimum grade of C-
Fall & Spring	CNIT42000		Basic Cyber Forensics	3	Junior or Senior Standing (60 credits or more)
To Be Determined	CNIT42100	See CNIT 48101-Mobile Forensics	Small Scale Digital Device Foren	3	CNIT 24000 minimum grade of C-
Fall & Spring	CNIT42200	F16 as CNIT48101*	Cyber Criminology	3	CNIT 32200 minimum grade of C- (may be taken concurrently - Request override from Advisor)
Spring Only	CNIT42500		Software Dev Mobile Devices II	3	CNIT 35500 minimum grade of C-
To Be Determined	CNIT43500		Adv Network Services	3	CNIT 34500 minimum grade of C-
To Be Determined	CNIT44500		Adv Ntwrk Rout &Switch	3	CNIT 34500 minimum grade of C-
To Be Determined	CNIT44600		Advanced Wireless Networks	3	CNIT 34600 minimum grade of C-
To Be Determined	CNIT45000		Enterprise App Development	3	CNIT 27200 & [CNIT 31500 or CNIT 32500] minimum grade of C-
Fall Only	CNIT45500		Network Security	3	CNIT 34200 OR 34220 minimum grade of C- & CNIT 34400 OR 34500 minimum grade of C-
Spring Only	CNIT45600		Wireless Secur & Mgmt	3	CNIT 34600 & CNIT 34000 & CNIT 45500 minimum grade of C- (CNIT 34010 and 34400 approved pre-req - Request override from Advisor)
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	CNIT 31500 or CNIT 32500 minimum grade of C- & Senior Standing
Fall Only	CNIT47000	F16 as CNIT48101*	Incident Response Management	3	CNIT 32000 & [CNIT 34400 or CNIT 34500] minimum grade of C- & CNIT 45500 (may be taken concurrently)
Spring Only	CNIT47100		Vuln Analysis & Testing	3	CNIT 37000 minimum grade of C- & CNIT 45500 minimum grade of C- (Spring 2019 CNIT 37000 pre-req waived-Request override from Advisor)
Fall & Spring	CNIT48000		Manag Info Tech Projct	3	CNIT 28000 minimum grade of C- & Senior Standing
Fall Only	CNIT48700		Database Administratn	3	CNIT 37200 or CNIT 39200 minimum grade of C-
Fall	CNIT 48101		Cloud Computing&Data Analytics	3	CNIT 34000 or 34010 with minimum grade of C- or experience installing & configuring Linux and networks
Fall	CNIT 48101		Mobile Forensics		CNIT 42000 minimum grade of C-
Fall & Spring	CNIT 48101		Lean Six Sigma		IT 34200, STAT 22500 or 30100 minimum grade D-
Spring	CNIT48800	Option: CNIT 55900 Data Warehousing	Data Warehousing	3	CNIT 37200 or CNIT 39200 minimum grade of C-

*May establish credit in one offering.

Updated 3/1/19