

**CIT Majors Spring 2025 Computer & Information Technology Tentative Course Offerings**

CSEC/INET/SAAD/CSA D*Selective	Course	Notes	Typically Offered*	Title (short)	CR	UNDERGRADUATES REQUISITES or PRE-APPROVED SUBSTITUTE, RESTRICTED COURSES	Initial Major Restriction	Consent	Instructor
	CNIT15501		Fall & Spring	Intro To Software Dev Concepts	3	None		NONE	Salem
	CNIT17600		Fall & Spring	Info Tech Architecture	3	None		NONE	Hiday
	CNIT18000	Cannot earn credit toward degree in both CNIT 18200 and 18000	Fall & Spring	Intro To Systems Devel	3	None		NONE	Ledbetter
	CNIT18200	Cannot earn credit toward degree in both CNIT 18200 and 18000	Fall & Spring	Systems and Organizational Security	3	None		NONE	Thomas
	CNIT24000	Cannot earn credit toward degree in both CNIT 24000 and 34400	Fall & Spring	Data Comm & Networking	3	CNIT 17600 minimum grade of C- & (CNIT 24200 or ECET 27400 minimum grade of C-); Meets with CNIT 34400; <b>(Restricted to CSEC/NENT/INET majors until open registration.)</b>		NONE	Deadman
	CNIT24200		Fall & Spring	System Administration	3	CNIT 17600 minimum grade of C- minimum grade of C- & Sophomore Standing	CSEC, INET	NONE	Deadman
	CNIT25501		Fall & Spring	Obj-Oriented Prog Introduction	3	CNIT 15501 minimum grade of C-		NONE	Kao
	CNIT27000		Fall & Spring	Cybersecurity Fundamentals	3	CNIT 17600 & 15501 (15501 may be taken concurrent) with a minimum grade of C- <b>(Restricted to CSEC majors until open registration)</b>	CSEC	NONE	TBA
	CNIT27100		Fall & Spring	Syst & Organizational Security	3	CNIT 27000 minimum grade of C-	CSEC	NONE	Bhatt
	CNIT27200		Fall & Spring	Database Fundamentals	3	Minimum grade of C- in: (CNIT 18000 or CNIT 18200) & CNIT 15501		NONE	Vhaduri
	CNIT28000		Fall & Spring	Syst Analysis & Design	3	CNIT 18000 or CNIT 18200 minimum grade of C-		NONE	TBA
	CNIT 30800		Spring Only	Game Development II	3	CNIT 30600 OR CGT 245 minimum grade of C-		NONE	TBA
CSEC (if not required on your plan of study)	CNIT31500		Fall & Spring	Systems Programming	3	CNIT 25501 minimum grade of C-	CSAD, CNIT, DATA, INET	NONE	Min
	CNIT32000	Cannot earn credit toward degree in both CNIT 32000 and 37100	Fall & Spring	Pol, Reg & Global Info Tech	3	TECH 12000 minimum grade of D- & Junior Standing (45 credits or more)	CSAD, CNIT, DATA, INET	NONE	Ledbetter
CSEC (if not required on your plan of study)	CNIT32200		Fall & Spring	Research Methodology & Design	3	STAT 22500, STAT 30100, STAT 50100 or STAT 51100 minimum grade of D- <b>(Restricted to CSEC/DATA until open registration)</b>	CSAD, CNIT, DATA, INET	NONE	Ledbetter
	CNIT32300	Cannot earn credit toward degree in both CNIT 42000 and 32300	Fall & Spring	Basic Cyberforensics	3	CNIT 27100 minimum grade of C- <b>(Restricted to CSEC until Open Registration)</b>	CSEC	NONE	Karabiyik
	CNIT32500		Spring Only	Object Oriented Application Development	3	CNIT 25501 minimum grade of C-	CSAD, CNIT, DATA, INET	NONE	Matson
	CNIT34000		Fall & Spring	UNIX Administration	3	CNIT 24200 minimum grade of C-	CSEC, INET	NONE	TBA
	CNIT34220	Now full term AND changed from 2 to 3 credits	Fall & Spring	Network Administration	3	CNIT 34000 minimum grade of C- or CNIT 34010 minimum grade of C- <b>(Restricted to CSEC/INET/NENT until open registration)</b>	CSEC, INET	NONE	Hiday
	CNIT34400	Cannot earn credit toward degree in both CNIT 24000 and 34400	Fall & Spring	Network Engr Fundamentals	3	CNIT 24200 minimum grade of C-; <b>(Restricted to CSEC/NENT/INET until open registration.)</b>	CSEC, INET	NONE	Deadman
	CNIT34500		Fall & Spring	Internet Desgn&Implem	3	(CNIT 24000 OR CNIT 34400 minimum grade of C-) & CNIT 24200 minimum grade of C-	INET	NONE	Deadman
CSEC	CNIT34600	changed from 4 to 3 credits	Fall & Spring	Wireless Networks	3	(CNIT 24000 OR CNIT 34400 minimum grade of C-) & CNIT 24200 minimum grade of C-	INET	NONE	Smith
	CNIT37000		Fall & Spring	Introduction To Cryptography	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C- <b>(Restricted to CSEC majors until open registration)</b>	CSEC	NONE	Sun
	CNIT37100	Cannot earn credit toward degree in both CNIT 32000 and 37100	Fall & Spring	Cyberlaw And Ethics	3	Tech 12000 minimum grade of D- & CNIT 27000 minimum grade of C-	CSEC	NONE	Ringenberg
	CNIT38000		Fall & Spring	Adv Analysis & Design	3	CNIT 28000 minimum grade of C-		NONE	Ledbetter
SAAD/CSAD	CNIT38101ADM		Intermittent	Adv Sys Dvlp Methodologies	3	CNIT 28000 minimum grade of C-	DEPT		Dittman
CSEC, SAAD/CSAD	CNIT38101EIG		Intermittent	Enterprise Info Governance	3	CNIT 18200 OR 28000 minimum grade of C-	DEPT		Laux
SAAD/CSAD	CNIT38101QIET		Intermittent	Quality Engineering in IT	3	Junior or Senior Standing (60 credits or more)	DEPT		Thomas
	CNIT39200		Spring Only	Enterprise Data Mgmt	3	CNIT 27200 minimum grade of C-	CNIT	NONE	Pradhan
	CNIT42000	Cannot earn credit toward degree in both CNIT 42000 and 32300	Fall & Spring	Basic Cyber Forensics	3	Junior or Senior Standing (60 credits or more) <b>(Restricted to CSEC majors until open registration)</b>	CSEC	NONE	Karabiyik
	CNIT42200	F16 as CNIT48101**	Fall & Spring	Cyber Criminology	3	Junior or Senior Standing (60 credits or more) <b>(Restricted to CSEC majors until open registration)</b>	CSEC	NONE	Seigfried-Spellar
CSEC	CNIT 42300		Spring Only	Advanced Cyberforensics	3	CNIT 32300/42000 minimum grade C-		NONE	Thompson
	CNIT 42500		Spring Only	Advanced Mobile Programming	3	CNIT 35500 minimum grade C-		NONE	Min
	CNIT45500		Fall & Spring	Network Security	3	CNIT 34220 minimum grade of C- & CNIT 34400 OR 34500 minimum grade of C-	CSEC, INET	NONE	Rawles
CSEC, INET	CNIT45600		Spring Only	Wireless Secur & Mgmt	3	CNIT 34600 minimum grade C- & CNIT 45500 minimum grade C-		NONE	Smith
INET	CNIT47000	F16 as CNIT48101**	Fall & Spring	Incident Response Management	3	CNIT 45500 minimum grade of C- (may be taken concurrently when offered)	CSEC	NONE	TBA
	CNIT47100		Fall & Spring	Vuln Analysis & Testing	3	(Catalog 2020 and older: CNIT 37000 & 45500 minimum grades of C-) OR (Catalog 2021-present: CNIT 27100 & 34400 minimum grade C-)	CSEC	NONE	TBA
	CNIT48000		Fall & Spring	Manag Info Tech Projct	3	CNIT 18000 OR CNIT 18200 minimum grade of C- & Senior Standing		NONE	Thomas
INET	CNIT48101NV		Spring Only	Network Virtualization	3	CNIT 34500 minimum grade of C-		NONE	Nadig
	CNIT48101WEB		Intermittent	Front End Web Programming	3	CNIT 25501 minimum grade of C-		NONE	Li
SAAD/CSAD	CNIT48200	CNIT 48101-Lean Six Sigma**	Spring only	Six Sigma Data Quality	3	CNIT 28000 minimum grade of C- and (STAT 22500 OR 30100 OR 50100 OR 51100 minimum grade D-)	DATA	NONE	Laux, Chad
CSEC	CNIT48300	CNIT 48101-Applied Machine Learning**	Fall & Spring	Applied Machine Learning	3	CNIT 25501 minimum grade of C- and (STAT 22500 OR 30100 OR 50100 OR 51100 minimum grade D-)	DATA	NONE	Kocsis
	CNIT48400		Spring Only	Applications In Data Science	3	CNIT 48300 minimum grade of C-	DATA	NONE	Springer
CSEC	CNIT51200		Spring Only	Manag Rsrc & Appl Secur	3	Senior Standing, CSEC Students		NONE	Dietz/Ehlers
CSEC	CNIT52500		Intermittent	Mobile Forensics	3	CNIT 42000 minimum grade of C-		NONE	Karabiyik
	CNIT54300	CNIT 58100HCI - Human Computer Interaction**	Intermittent	Human Computer Interaction	3	Instructor Permisson contact instructor for approval	INSTR		Kao
CSEC	CNIT55600		Intermittent	Computer Forensics	3	CNIT 45500 minimum grade of C-	INSTR		TBA
	CNIT56300	CNIT 58100SDR - Sftwre Des & Develop Robotics**	Intermittent	Sftwre Des & Develop Robotics	3	Junior or Senior with minimum GPA of 3.0 and Instructor Permission: contact instructor for approval.	DEPT		Min
	CNIT57000		Fall & Spring	IT Data Analytics	3	Instructor Permission Required; contact instructor for approval- <b>Meets Weeks 1-8</b>	INSTR		Springer
SAAD/CSAD	CNIT58000		Intermittent	Adv Topics in IT Project Mgmt	3	CNIT 48000 with B or better	DEPT		Dittman
INET	CNIT58100ACC		Intermittent	Adv Cloud Computing	3	Instructor Permission Required	INSTR		Hacker
	CNIT58100DFM		Intermittent	Data Fusion For Machine Learn	3	Instructor Permission Required	INSTR		Vhaduri
	CNIT58100IS		Intermittent	IS Practice & Implementation	3	Must be Senior CIT/CSEC student to enroll		NONE	Dietz/Tzvetanov

\*per CIT Curriculum Committee/myPurdue may not reflect this information and your advisor will update.

\*Classification status by end of current term

\*\*May establish credit toward degree in only one offering with same title.

The following are reminders of Fall only Courses

	CNIT30600	Crosslisted w/CGT 24500 (F18 as CNIT 48101)	<b>Fall Only</b>	Game Development I	3	CNIT 15501 Minimum Grade of C- and Undergraduate level MA 16010 Minimum Grade of C-			Whittinghill
	CNIT35500		<b>Fall Only</b>	Sftwr Dev Mobile Cmptr	3	CNIT 31500 OR CNIT 32500 minimum grade of C-			Min
	CNIT37200		Fall Only	Database Programming	3	CNIT 27200 minimum grade of C-		NONE	Li
	CNIT41500		Fall Only	Advanced Coding Security	3	CNIT 31500 minimum grade of C-			Springer
CSEC	CNIT51100		<b>Fall Only</b>	Foundations in Homeland Security Studies	3	Senior or Graduate Standing, CSEC Students		DEPT	Dietz

Although this update was prepared using the best information available at the time, all information is subject to change without notice or obligation.

Updated 10.9.24  
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