

CIT Majors Fall 2024 Computer & Information Technology (CNIT) Tentative Course Offerings

CSEC/INET/SAAD-CSAD Selective	Course/Unitime Suffix	Notes	Typically Offered	Title (short)	CR	REQUISITES or PRE-APPROVED SUBSTITUTE, RESTRICTED COURSES	Restricted for Noted Majors Until Open Registration	Consent	Instructor
	CNIT15501		Fall, Spring & Summer	Intro To Software Dev Concepts	3	None		NONE	Salem, Tafiq
	CNIT17600		Fall, Spring & Summer	Info Tech Architecture	3	None		NONE	Nadig, Deepak
	CNIT18000		Fall, Spring & Summer	Intro To Systems Devel	3	None		NONE	Barlow, Victor/Ledbetter, William
	CNIT18200		Fall, Spring & Summer	Systems and Organizational Security	3	None		NONE	J. Thomas, Paul
	CNIT24000	CROSS LISTED WITH CNIT 34400	Fall & Spring	Data Comm & Networking	3	CNIT 17600 AND CNIT 24200 minimum grade of C- Meets with CNIT 34400	CSEC	NONE	Deadman, Robert
	CNIT24200		Fall, Spring & Summer	System Administration	3	CNIT 17600 minimum grade of C- minimum grade of C- & Sophomore Standing	INET/NENT	NONE	Deadman, Robert
	CNIT25501		Fall & Spring	Obj-Oriented Prog Introduction	3	CNIT 15501 minimum grade of C-		NONE	Kao, Dominic
	CNIT27000		Fall & Spring	Cybersecurity Fundamentals	3	CNIT 17600 & (CNIT 15501 may be taken concurrent) with a minimum grade of C-		NONE	Hands, Nicole
	CNIT27100		Fall & Spring	Syst & Organizational Security	3	CNIT 27000 minimum grade of C-	CSEC	NONE	Bhatt, Smriti
	CNIT27200		Fall & Spring	Database Fundamentals	3	Minimum grade of C- in: (CNIT 18000 or CNIT 18200) & CNIT 15501 (CNIT 272 and 280 are no longer linked)		NONE	Vhaduri, Sudip
	CNIT28000		Fall & Spring	Syst Analysis & Design	3	Minimum grade of C- in: CNIT 18000 OR CNIT 18200 (CNIT 272 and 280 are no longer linked)	CNIT, CSAD, DATA, INET	NONE	Magana, Alejandra
	CNIT30600A	Cross listed w/CGT 24500 (F18 as CNIT 48101)	Fall Only	Game Development I	3	CNIT 15501 Minimum Grade of C- and Undergraduate level MA 16010 Minimum Grade of C-		NONE	Howard, Robert T.
CSEC (if not required on your plan of study)	CNIT31500	CSEC (if not required on your plan of study)	Fall & Spring	Systems Programming	3	CNIT 25501 minimum grade of C-		NONE	Rayz, Julia/Gonzalez, Rey A.
	CNIT32000		Fall & Spring	Pol, Reg & Global Info Tech	3	TECH 12000 minimum grade of D- & Junior Standing (45 credits or more) *credit may be established in one of CNIT 32000 OR 37100	CNIT, CSAD, DATA, INET	NONE	Ledbetter, William
CSEC (if not required on your plan of study)	CNIT32200	CSEC (if not required on your plan of study)	Fall & Spring	Research Methodology & Design	3	STAT 22500, STAT 30100, STAT 50100 or STAT 51100 minimum grade of C-		NONE	Ledbetter, William C.
	CNIT32300	CROSS LISTED WITH CNIT 42000	Fall & Spring	Basic Cyberforensics	3	CNIT 27100 minimum grade of C- *credit may be established in one of CNIT 32300 OR 42000	CSEC	NONE	TBA
	CNIT34000		Fall & Spring	UNIX Administration	3	CNIT 24200 minimum grade of C-	CSEC, INET/NENT	NONE	Yang, Baijian
	CNIT34400	CROSS LISTED WITH CNIT 24000	Fall & Spring	Network Engr Fundamentals	3	CNIT 17600 & CNIT 24200 minimum grade of C-	CSEC, INET/NENT	NONE	Deadman, Robert
	CNIT34500		Fall & Spring	Internet Desgn&Implem	3	CNIT 24000 & CNIT 24200 minimum grade of C-	INET/NENT	NONE	Deadman, Robert
CSEC	CNIT34600		Fall & Spring	Wireless Networks	3	CNIT 24000 OR CNIT 34400 minimum grade of C- & CNIT 24200 minimum grade of C-	INET/NENT	NONE	Smith, Anthony
	CNIT35500		Fall Only	Software Dev For Mobile Computers	3	CNIT 25501 minimum grade of C-		NONE	Min, Byung-Cheol
	CNIT37000		Fall & Spring	Introduction To Cryptography	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C-	CSEC	NONE	Sun,Wenhai
	CNIT37100		To Be Determined	Cyberlaw And Ethics	3	CNIT 27000 minimum grade of C- & TECH 12000 minimum grade of D- *credit may be established in one of CNIT 32000 OR 37100	CSEC, INET/NENT	NONE	Ringenberg, Tatiana
	CNIT37200		Fall Only	Database Programming	3	CNIT 27200 minimum grade of C-		NONE	Li, Tianyi
	CNIT38000		Fall & Spring	Adv Analysis & Design	3	CNIT 28000 minimum grade of C-	CNIT, CSAD, DATA, INET	NONE	Barlow, Victor/J. Thomas, Paul
CSEC, SAAD/CSAD	CNIT38101EIG	updated 3.21.24	Intermittent	Enterprise Info Governance	3	CNIT 18200, 18000 OR CNIT 28000 minimum grade of C-	DEPT		Laux, Dawn
CSEC depending on project	CNIT39000		Intermittent	Korean Software Project	3	Instructor Permission Required through student initiated meeting. Course could fulfill CSEC selective depending on project assignment.	INSTR		Matson, Eric
CSEC depending on project	CNIT39000		Intermittent	Korean Software Project	3	Instructor Permission Required through student initiated meeting. Course could fulfill CSEC selective depending on project assignment.	INSTR		Smith, Anthony
CSEC	CNIT41500		Fall Only	Advanced Coding Security	3	CNIT 31500 minimum grade of C-	CSEC	INSTR	Springer, John
	CNIT42000	CROSS LISTED WITH CNIT 32300	Fall & Spring	Basic Cyber Forensics	3	Junior or Senior Standing (60 credits or more) *credit may be established in one of CNIT 32300 OR 42000	CSEC	NONE	TBA
	CNIT42200		Fall & Spring	Cyber Criminology	3	Junior or Senior Standing (60 credits or more)	CSEC	NONE	Seigfried-Spellar, Kathryn
	CNIT45500		Fall & Spring	Network Security	3	CNIT 34220 minimum grade of C- & CNIT 34400 OR 34500 minimum grade of C-	CSEC, INET/NENT	NONE	Rawles, Phillip/Hiday, Lawrence
	CNIT47000		Fall & Spring	Incident Response Management	3	CNIT 45500 minimum grade of C- (may be taken concurrently when offered)	CSEC	NONE	Hands, Nicole
	CNIT47100		Fall & Spring	Vuln Analysis & Testing	3	(Catalog 2020-21 and older: CNIT 37000 & 45500 minimum grades of C-) OR (Catalog 2021-2022 and later: CNIT 27100 & 34400 minimum grades of C-) (Advisors will enter pre-requisite override)	CSEC, INET/NENT	NONE/ADVISOR	Zuel, Brian
	CNIT48000		Fall & Spring	Manaq Info Tech Project	3	CNIT 18000 OR CNIT 18200 minimum grade of C- & Senior Standing (take within the last two semesters of graduating)		NONE	J. Thomas, Paul
CSEC	CNIT48101CCI		Intermittent	Cloud Computing and Infrastructure	3	CNIT 24200 & CNIT 34400 OR 34500) minimum grades of C-	CSEC, INET/NENT	DEPT	Nadla, Deepak
	CNIT48101RCL		Intermittent	Undergrad Research Cyberlearning	3	Instructor Permission Required - Individual Study - Arrange Hours	INSTR		Magana, Alejandra
CSEC	CNIT48300	**previously offered as CNIT 48100	Fall & Spring	Applied Machine Learning	3	CNIT 25501 minimum grade of C- & (STAT 22500 or 30100 minimum grade D-)		NONE	Kocsis, Jin
	CNIT48700		Intermittent	Database Administration	3	CNIT 37200 OR CNIT 39200 minimum grade of C-		NONE	Pradhan, Romila
CSEC	CNIT51100		Fall Only	Foundations in Homeland Security Studies	3	Senior Standing, CSEC Major	CSEC	DEPT/Eddy	Dietz, J. Eric/Field
	CNIT51900	**previously offerer as CNIT 58100NLT	Intermittent	Natural Language Technologies	3	Senior Standing		NONE	Rayz, Julia
CSEC/INET-Infrastructure	CNIT54600	previously CNIT 58100DF	Intermittent	IoT For IT	3	CNIT 34600 minimum grade of C- and (CNIT 34400 minimum grade of C- or CNIT 34500 minimum grade of C-)	INSTR/LEVEL		Smith, Anthony
SAAD/CSAD	CNIT55000		Intermittent	Org Impact Info Tech	3	CNIT 38000 minimum grade of C-	DEPT/Dittman		Dittman, Kevin
SAAD/CSAD	CNIT55200	NOT AVAILABLE TO UNDERGRADUATES							
SAAD/CSAD	CNIT55300		Intermittent	Quality Management in Information Technology	3	Senior, SAAD/CSAD Major, Overall GPA 3.0; CNIT 48000 minimum grade B & Instructor Permission		INSTR	Dittman, Kevin
CSEC/INET	CNIT55500		Intermittent	Adv Network Security	3	CNIT 45500 pre-req or corequisite	CSEC, INET/NENT	INSTR/LEVEL	Yang, Baijian
CSEC	CNIT55700		Fall Only	Advanced Research Topics in Cyber Forensics	3	CNIT 42000/32300 minimum grade of C- and CSEC Major	CSEC	INSTR	Rogers, Marcus
SAAD/CSAD	CNIT56200	**previously CNIT 58100SSBB	Intermittent	Six Sigma for OPEX	3	CNIT 48200 min grade C- OR IET 43640 min grade C-		INSTR	Laux, Chad
	CNIT57000		Fall, Spring & Summer	IT Data Analytics	3	Instructor Permission Required; contact instructor for approval- Meets Weeks 1-8		INSTR/LEVEL	Springer, John
	CNIT58100ATR		Fall Only	Intro Assistive Tech & Robotics	3	Junior or Senior Standing with minimum GPA 3.0 and Instructor Permission		INSTR	Min, Byung-Cheol
CSEC	CNIT 58100CS		Intermittent	Cloud Security	3	Senior Standing and instructor permission required.		INSTR	Bhatt, Smriti
	CNIT58100HCI		Intermittent	Human Computer Interaction	3	Senior Standing with GPA 3.0 or higher and instructor permission		INSTR	Kao, Dominic
	CNIT58100MLS		Intermittent	Machine Learn For Smart Sense	3	Students must be familiar with computer programming, CNIT 41500 and/or 48300 recommended.		INSTR	Vhaduri, Sudip
CSEC	CNIT58100NF	Might be offered depending on staffing	Intermittent	Network Forensics	3	CNIT 42000/32300 OR CNIT 55600 OR knowledge of network fundamentals		DEPT	Hands, Nicole
	CNIT58100RDM		Intermittent	Responsible Data Management	3	Students should be familiar with database/data management and machine learning and instructor permission		INSTR	Pradhan, Romila
CSEC	CNIT58100SOC		Intermittent	Social Engineering Info Tech	3	CIT Seniors and Department permission	CSEC	DEPT/Eddy	Ringenberg, Tatiana
	CNIT58100SWD		Intermittent	Intro To Web Development	3	CNIT 25501 minimum grade of C- and instructor permission		INSTR	Li, Tianyi
INET	CNIT58100WC		Fall Only	Wireless Comm in IoT	3	CNIT 34600 minimum grade of C- and instructor permission		INSTR	Salam, Abdul
INET	CNIT58100WCT		Intermittent	Wireless Cellular Technologies	3	Instructor Permission Required		INSTR	Salam, Abdul
Reminder of Spring Only Courses for Planning Purposes									
Spring Only	CNIT30800		Spring Only	Game Development II	3	CNIT 30600 Minimum Grade of C- or Undergraduate level CGT 24500 Minimum Grade of C-			
Spring Only	CNIT32500		Spring Only	Object-Oriented Application Development	3	CNIT 25501 Minimum Grade of C-			
Spring Only	CNIT39200		Spring Only	Enterprise Data Mgmt	3	CNIT 27200 minimum grade of C-			

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Spring Only	CNIT42500		Spring Only	Software Dev Mobile Devices II	3	CNIT 35500 minimum grade of C-			
Spring Only	CNIT48200		Spring Only	Object Oriented Application Development	3	CNIT 25501 minimum grade of C-			
Spring Only	CNIT48400		Spring only	Applications In Data Science	3	Junior or Senior Standing (60 credits or more)			
Spring Only	CNIT51200		Spring Only	Manaq Rsrc & Appl Secure	3	Senior Standing, CSEC Major			

Per CIT Curriculum Committee/myPurduePlan may not reflect this information and your Advisor will update.

*Classification status calculated by number of credits completed

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

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

Updated 3.21.24/TE-ARM