

CIT Majors Spring 2024 Computer & Information Technology Tentative Course Offerings

CSEC/IENT/SAAD/CSAD Selective	Course	Notes	Typically Offered*	Title (short)	CR	REQUISITES or PRE-APPROVED SUBSTITUTE, RESTRICTED COURSES	Consent	Instructor
	CNIT15501			Intro To Software Dev Concepts	3	None	NONE	Salem
	CNIT17600			Info Tech Architecture	3	None	NONE	Nadig
	CNIT18000	Cannot earn credit in both CNIT 18200 and 18000		Intro To Systems Devel	3	None	NONE	Ledbetter/Barlow
	CNIT18200	Cannot earn credit in both CNIT 18200 and 18000		Systems and Organizational Security	3	None	NONE	Thomas
	CNIT24000			Data Comm & Networking	3	CNIT 17600 minimum grade of C- & (CNIT 24200 or ECET 27400 minimum grade of C-): Meets with CNIT 34400; (Restricted to CSEC/NENT/INET majors until open registration.)	NONE	Deadman
	CNIT24200			System Administration	3	CNIT 17600 minimum grade of C- minimum grade of C- & Sophomore Standing	NONE	Deadman
	CNIT25501			Obj-Oriented Prog Introduction	3	CNIT 15501 minimum grade of C-	NONE	Kao
	CNIT27000			Cybersecurity Fundamentals	3	CNIT 17600 & 15501 (15501 may be taken concurrent) with a minimum grade of C- (Restricted to CSEC majors until open registration)	NONE	Hands
	CNIT27100			Syst & Organizational Security	3	CNIT 27000 minimum grade of C-	NONE	Bhatt
	CNIT27200			Database Fundamentals	3	Minimum grade of C- in: (CNIT 18000 or CNIT 18200) & CNIT 15501	NONE	Vhaduri
	CNIT28000			Syst Analysis & Design	3	CNIT 18000 or CNIT 18200 minimum grade of C-	NONE	Magana
	CNIT 30800			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			Systems Programming	3	CNIT 25501 minimum grade of C-	NONE	Min
	CNIT32000	Cannot earn credit in both CNIT 32000 and 37100		Pol, Reg & Global Info Tech	3	TECH 12000 minimum grade of D- & Junior Standing (45 credits or more)	NONE	Ledbetter
CSEC (if not required on your plan of study)	CNIT32200			Research Methodology & Design	3	STAT 22500, STAT 30100, STAT 50100 or STAT 51100 minimum grade of D- (Restricted to CSEC/DATA until open registration)	NONE	Ledbetter
	CNIT32300	Cannot earn credit in both CNIT 42000 and 32300		Basic Cyberforensics	3	CNIT 27100 minimum grade of C- (Restricted to CSEC until Open Registration)	NONE	Karabiyik
	CNIT32500			Object Oriented Application Development	3	CNIT 25501 minimum grade of C-	NONE	Matson
	CNIT34220	Now full term AND changed from 2 to 3 credits	Spring Only	Network Administration	3	CNIT 34000 minimum grade of C- or CNIT 34010 minimum grade of C- (Restricted to CSEC/INET/NENT until open registration)	NONE	Rawles
	CNIT34400			Network Engr Fundamentals	3	CNIT 24200 minimum grade of C--: (Restricted to CSEC/NENT/INET until open registration.)	NONE	Deadman
	CNIT34500			Internet Desgn&Implem	3	(CNIT 24000 OR CNIT 34400 minimum grade of C-) & CNIT 24200 minimum grade of C-	NONE	Deadman
	CNIT34600	changed from 4 to 3 credits		Wireless Networks	3	(CNIT 24000 OR CNIT 34400 minimum grade of C-) & CNIT 24200 minimum grade of C-	NONE	Smith
	CNIT37000			Introduction To Cryptography	3	CNIT 24200 minimum grade of C- & CNIT 27000 minimum grade of C- (Restricted to CSEC majors until open registration)	NONE	Sun
	CNIT37100	Cannot earn credit in both CNIT 32000 and 37100		Cyberlaw And Ethics	3	Tech 12000 minimum grade of D- & CNIT 27000 minimum grade of C-	NONE	Ringenberg
	CNIT38000			Adv Analysis & Design	3	CNIT 28000 minimum grade of C-	NONE	Barlow/Ledbetter
SAAD/CSAD	CNIT38101ADM		Intermittent	Adv Sys Dvlpt 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
CSEC Selective if working with Prof. Smtih	CNIT39000	Korean Software Project**		Korean Software Project	3	Instructor Permission Required	INSTR	Matson/Smith
	CNIT39200			Enterprise Data Mgmt	3	CNIT 27200 minimum grade of C-	NONE	Pradhan
CSEC, INET	CNIT41700	cancelled due to resources		Critical-Infrastructure Security	3	CNIT 344 minimum grade of C--	NONE	
	CNIT42000	Cannot earn credit in both CNIT 42000 and 32300		Basic Cyber Forensics	3	Junior or Senior Standing (60 credits or more) (Restricted to CSEC majors until open registraiton)	NONE	Karabiyik
	CNIT42200	F16 as CNIT48101*		Cyber Criminology	3	Junior or Senior Standing (60 credits or more) (Restricted to CSEC majors until open registration)	NONE	Seigfried-Spellar
CSEC, INET	CNIT44500	updated 12.4.23 as CSEC	Intermittent	Adv Network Rout &Switch	3	CNIT 34500 minimum grade of C-	NONE	Salam
CSEC, INET	CNIT45600		Spring Only	Wireless Secur & Mgmt	3	CNIT 34600 OR 34400 (Prof Smith will allow Spring 24): moving forward: CNIT 34600 & CNIT 45500 minimum grade of C-	NONE	Smith
INET	CNIT47000	F16 as CNIT48101*		Incident Response Management	3	CNIT 45500 minimum grade of C- (may be taken concurrently when offered)	NONE	Hands
	CNIT47100			Vuln Analysis & Testing	3	(Catalog 2020 and older: CNIT 37000 & 45500 minimum grades of C-) OR (Catalog 2021-2022: CNIT 27100 & 34400)	NONE	TBD
	CNIT48000			Manag Info Tech Projct	3	CNIT 18000 or CNIT 18200 minimum grade of C- & Senior Standing	NONE	Thomas
CSEC	CNIT48101BC		Intermittent	Intro To Blockchain Technology	3	CNIT 37000 minimum grade of C-	DEPT	Sun
INET	CNIT48101INV		Spring Only	Network Virtualization	3	CNIT 34500 minimum grade of C-	NONE	Nadig
	CNIT48101RCL		Intermittent	Undergrad Rsrch Cyberlearning	3	Instructor Permission Required - let instructor know how you would like the apply the course to Plan of Study, additional permissions will be required for evaluation for CSEC, SAAD, CSAD selectives.	INSTR	Magana
	CNIT48101WEB			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-)	NONE	Laux, Chad
CSEC	CNIT48300	CNIT 48101-Applied Machine Learning*		Applied Machine Learning	3	CNIT 25501 minimum grade of C- and (STAT 22500 or 30100 or 50100 or 51100 minimum grade D-)	NONE	Kocsis
	CNIT48400		Spring Only	Applications In Data Science	3	CNIT 48300 minimum grade of C-	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
CSEC, INET	CNIT55500	cancelled due to resources	Intermittent	Adv Network Security	3	CNIT 34400 or CNIT 34500, CNIT 45500 preferred minimum grade of C-	NONE	

CSEC	CNIT55600		Intermittent	Computer Forensics	3	CNIT 42000 minimum grade of C-	INSTR	TBA
	CNIT57000			IT Data Analytics	3	Instructor Permission Required; contact instructor for approval- Meets Weeks 1-8	INSTR	Springer
SAAD/CSAD	CNIT58000	updated 12.5.23 as SAAD/CSAD	Intermittent	Adv Topics in IT Project Mgmt	3	CNIT 48000 with B or better	DEPT	Dittman
	CNIT58100DFM			Data Fusion For Machine Learn	3		INSTR	Vhaduri
	CNIT58100HCI		Intermittent	Human Computer Interaction	3	Instructor Permisson contact instructor for approval	INSTR	Kao
	CNIT58100IOT		Intermittent	Internet of Things Security	3	Instructor will review requests	INSTR	Bhatt
CSEC, INEF	CNIT58100NF	cancelled due to resources	Intermittent	Network Forensics	3	CNIT 42000 minimum grade of C- (may be taken concurrently) and CSEC Major	NONE	Hands
	CNIT58100RDM			Responsible Data Management	3		NONE	Pradhan
	CNIT58100SDR		Intermittent	Sftwre Des & Develop Robotics	3	Junior or Senior with minimum GPA of 3.0 and Instructor Permission: contact instructor for approval.	DEPT	Min
	CNIT58100SWD			Introduction To Web Development	3	Seniors or Graduate students only, CNIT 25501 minimum grade of C-	NONE	Li

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

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

*Classification status by end of current term

The following are reminders of Fall only Courses

	CNIT30600	Crosslisted 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-		Whittinghill
	CNIT35500		Fall Only	Sftwr Dev Mobile Cmptr	3	CNIT 31500 OR CNIT 32500 minimum grade of C-		Min
	CNIT45500		Fall Only	Network Security	3	CNIT 34220 minimum grade of C- & (CNIT 34400 OR 34500 minimum grade of C-)		Rawles
CSEC	CNIT51100		Fall Only	Foundations in Homeland Security Studies	3	Senior 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 6.3.24