

Central Connecticut State University

1615 Stanley Street
New Britain, Connecticut 06050-4010

School of Engineering and Technology

Department of
Computer Electronics & Graphics Technology

Effective:

Name/ID:

Address:

BS Networking Information Technology

General Education		
Study Area I - Arts and Humanities (9)		
	Literature (I**)	3
		3
		3

Study Area II - Social Sciences (9)		
	ECON 200 or ECON 201	3
	History (I**)	3
		3

Study Area III - Behavioral Sciences (6)		
	PSY 112 **	3
		3

Study Area IV - Natural Scientific (6)		
	PHYS 111 w/lab	3
	CHEM 161	3

Skill Area I - Communication Skills (6)		
	WRT 105 or WRT 110*	3
	ENGR 290	3

Skill Area II - Mathematical (6)		
	STAT 104 *	3
	Math 115/116 *	3

Skill Area III - Foreign Language
3 sequential years of one foreign language at the high school level

passed the foreign language exam.

Completed 112 or 118 foreign language courses

completed above 112 or 118 foreign language course demonstration of native proficiency in a language other than English

Skill Area IV - Univ. Requirements (2-3)

	PE 144 Fitness/ Wellness	2
--	--------------------------	---

Total General Education 44

Major Requirements (33)			Semester	
			Fall	Sp
	CET 179 Basic Network Administration	3	x	x
	CET 223 Basic Electrical Circuits	3	x	x
	CET 229 Comp. Hardware Architecture	3	x	x
	CET 249 Introduction to Networking Technology	3	x	x
	CET 339 Comp. System Administration	3	x	x
	CET 349 Network Routing	3	x	x
	CET 363 Digital Circuits	3	x	x
	CET 439 Enterprise Messaging Systems	3	x	x
	CET 449 Advanced Networking	3	x	x
	CET 459 Network Security Technologies	3	x	x
	CET 479 Network Administration	3	x	x

Related Major Requirements (22)

	CET 113 (FYE) Intro to Information Processing	3	x	x
	CEGT 200 Seminar	1	x	x
	CEGT 400 Internship & Senior Seminar	3	x	x
	TM 190 Global Quality Mgt Systems	3	x	x
	TM 362 Leading Project Teams	3	x	x
	AC 210/211 Acct for Decision-Making/Financial Acct	3	x	x
	MGT 295 Fund. Of Management	3	x	x
	MKT 295 Fund. Of Marketing	3	x	x

Directed Electives (12)

	CET/CYS/CS/MIS or as advised by advisor	3		
	e.g. CET 119 Cloud Computing Tech & Services	3		
	CET 239 IoT and Embedded Systems e.g.	3		
	CET 429 IoT with Embedded Intelligence and Security	3		
	Possible to take three CYS courses (CYS 227, 467, and 477) to obtain a minor in Cybersecurity Technology, check with advisor.	3		

FREE ELECTIVES to meet 120 credits

Double counting Restriction - Of the courses taken in the major and minor/concentration, a total of two courses may be counted to fulfill the Study Areas portion of the general education program.

RESIDENCY REQUIREMENTS: A minimum of 30 credits at CCSU with 15 credits in the Major and 9 credits in the Minor or Concentration (total of 24 in Major).

* **Placement Exam**

** **Recommended**