VIRGINIA COMMUNITY COLLEGE SYSTEM (VCCS) PROGRAM PLANNING:
COMPUTER FOUNDATIONS – CYBERSECURITY

Program planning for students admitted Fall Semester 2023 and after. Courses subject to change.
Bolded courses indicate specific major and departmental recommendations.

CNU Requirement	CNU Equivalent Course	VCCS Transfer Course(s)
I. Liberal Learning Foundations (21 hours minimum)		
Foundation courses may NOT be used to satisfy the A of I requirement.		
Second Language Literacy is a graduation requirement for all students.		
Written Communication Literacy (6 hours minimum)	ENGL 123/223	ENG 111/112
Second Language Literacy 200 level or higher (3 hours minimum)	LANG 201 or higher Arabic, Chinese, French, German, Italian, Latin, or Spanish	ARA 201/202, CHI 201/202, FRE 201/202/203/204, GER 201/202, ITA 201/202, LAT 201/202, SPA 201/202/203/204
		CNU offers these languages and students will satisfy the requirement with direct equivalents.
	ELEC 2XX ASL, Japanese, or Russian	ASL 201/202, JPN 201/202, RUS 201/202
		CNU does not offer these languages, however students can satisfy the requirement at the 200-level.
Mathematical Literacy (6 hours minimum)	MATH 115	MTH 165
	MATH 125	**MTH 155/245, BUS 216/220/221/225**
	MATH 130	MTH 161+162 (together)/167
	MATH 135	MTH 261
	MATH 140	**MTH 263**
	>MATH 140	*Refer to the VCCS/CNU Equivalent Table for higher level math equivalents which also satisfy the math literacy requirement.*
Logical Reasoning (3 hours minimum)	CPSC 110	AST 232, BUS 226, CSC 155, ITE 100/115/119/120/152/215, ITP 100
	CPSC 150	CSC 221, ITP 150 (3 credit course)
	CPSC 150/150L	**CSC 201, EGR 125, ITP 150 (4 credit course)**
	PHIL 101	PHI 115
	PHIL 205	PHI 111/112
	PHIL 207	BUS 265
Economic Modeling & Analysis (3 hours minimum)	ECON 201/202	ECO 201/202
II. Liberal Learning Areas of Inquiry (A of I) (19 hours minimum)		
No more than one course in the discipline of the major may be presented to satisfy the A of I requirements.		
No more than eight hours across the Areas of Inquiry may be taken from any single disciple to satisfy the A of I requirements.		
Civic & Democratic Engagement (AIDE) (3 hours minimum)	AMST 100	HUM 211
	POLS 101	ADJ 130, PLS 135/211
	HIST 121	HIS 121
Creative Expressions (AICE) (3 hours minimum)	ENGL 250	ENG 211
	FNAR 128	ART 291, DRF 202
	FNAR 201	ART 101/201
	FNAR 202	ART 102/202
	FNAR 241	ART 153
	MUSC 101	MUS 149
	MUSC 102	MUS 148/248/266
	MUSC 105	MUS 138/237/238
	MUSC 114	MUS 249
	THEA 210	CST 140/141/210/231
	THEA 232	CST 131/132
	THEA 250	CST 145

CNU Requirement	CNU Equivalent Course	VCCS Transfer Course(s)
Global & Multicultural Perspectives (AIGM) *(3 hours minimum)*	ANTH 203	SOC 211
	HIST 111	HIS 111
	HIST 112	HIS 112
	IDST 255	HUM 210
	PHIL 201	PHI 211
	RSTD 211	REL 230/231/237
	RSTD 270	REL 233
Investigating the Natural World (AINW) *(7 hours minimum)* *The seven hour minimum must include two lecture courses and one accompanying laboratory.*	BIOL 107/109L	BIO 102
	BIOL 108/109L	BIO 101/106/114
	BIOL 111	FOR 100, HRT 155
	BIOL 111/109L	BIO 110, FOR 135
	BIOL 113/109L	BIO 141/145, NAS 161/171
	BIOL 113	BIO 20/100, DIT 121, DNA 108, EMS 150, ENV 162, HLT 110/204/228/230, NAS 150, SUR 140/145/210/240/245/260
	BIOL 115/109L	BIO 107, ENV 121/122, FOR 105/115/265, MAR 201, SCT 111
	BIOL 115	ENV 101, FOR 237, HRT 205
	CHEM 103/103L	CHM 101/121
	CHEM 104/104L	CHM 102/122
	CHEM 121/121L	CHM 111
	CHEM 122/122L	CHM 112
	GEOG 211	GEO 200/220
	PHYS 141/105L	PHY 100/101/121
	PHYS 142/105L	PHY 102/122
	PHYS 144/105L	NAS 130/131, PHY 141
	PHYS 144	PHY 150
	PHYS 151/151L *	PHY 201
	PHYS 152/152L *	PHY 202
	PHYS 201/201L *	PHY 231/241
	PHYS 202/202L *	PHY 232/242
	PSYC 201	PSY 200/201
Western Traditions (AIWT) *(3 hours minimum)*	CLST 201	ENG 257, HUM 259
	HIST 122	HIS 122
	PHIL 202	PHI 212
	RSTD 212	REL 232/238
	RSTD 232	REL 246/247
Other courses that earn transferable major credit for this department – for ***Bachelor of Science degree in Computer Foundations: Cybersecurity specifically***	**CPEN 214**	**EGR 270, EGR 277+EGR 278 (together)**
	CPSC 255	**CSC 202**/222**
	CPSC 270	**CSC 223**
	ENGR 213	**CSC 208**

* See Undergraduate Catalog for specific details of the sequence

** CPSC 255 with CNU department approval