CYBERSECURITY

Catalog Term: Fall 2025

FRESHMAN (15 / 15)

FALL	SPRING
ENGL 101 (3) College English I — Grade C- or better	ENGL 102 (3) College English II — Prereq: ENGL 101 — Grade C- or better
MATH 123 (3) College Trigonometry — Prereq: See Course Catalog	ENGR 220 (3) Applied Analog & Digital Electronics — Prereq: MATH 111 — Grade C or better
FYAP 102A (3) Intro to Tech and Innovation	AC 222 (3) Applied Computing Fundamentals
AC 121 (3) Cybersecurity Awareness — Grade C- or better	ECON 201 (3) Principles of Macroeconomics — Grade C- or better
PSY 111 (3) General Psychology — Grade C- or better	COMM 111 (3) Public Speaking — Grade C- or better

SOPHOMORE (15 / 15)

FALL	SPRING
AC 322 (3) Applied Prog. & Scripting — Prereq: AC 222 — Grade C -or better	AC 352 **OR** CS 352 (3) Competitive Ethical Hacking — Prereq: AC121 & AC322 Grade C- or better
CS 497Q (1) Intro to the Linux Operating System	AC 324 (3) Applied Web Appss & DB Dev **OFFERED SPRING ONLY** — Prereq: AC 222 & Econ 201 — Grade C- or better
PHYS 213 (5) General Physics 1 — Prereq: MATH123 — Grade C or better	PSY 323 (3) Social Psychology — Prereq: PSY111 — Grade C or better
AC 321 (3) Applied Networking **OFFERED FALL ONLY** — Prereq: AC 222 — Grade C- or better	PHIL 125 (3) Introductory Logic
Technical Elective (3)	Technical Elecitve (3)
	Engineering + Requirement (1 of 3)

JUNIOR (14 / 16)

FALL	SPRING
AC 363 (3) Human Threats to Cybersecurity — Prereq: AC 121 & PHIL 125 — Grade C- or better	PHIL 354 (3) Ethics and Computers — Prereq: Junior standing or Departmental Permission
AC 301 (2) Junior Project — Prereq: AC 121 — Grade C- or better	AC 326 (4) Cyber Operations — Prereq: AC121, AC222 AC 321 & AC322 — Grade C- or better
General Education Fine Arts (3)	PSY 405 (3) Human Factors Psy **OFFERED SPRING ONLY** — Prereq: PSY 111 — Grades C- or better
MATH 231 (3) Discrete Math	STAT 370 (3) Elementary Statitics — Prereq: MATH 111 or equivalent Grade C or better
Technical Elective (3)	Technical Elective (3)
Engineering + Requirement (2 of 3)	Engineering + Requirement (3 of 3)

SENIOR (15 / 15)

FALL	SPRING
AC 401 (3) Senior Project I **OFFERED FALL ONLY** — Prereq: AC 301, PHIL354, PHYS214 — Grade C- or better	AC 402 (3) Senior Project II **OFFERED SPRING ONLY** — Prereq: AC 401 — Grade C- or better
AC 461 (3) Digital Forensics **OFFERED FALL ONLY** — Prereq: AC 326 — Grade C- or better in each	AC 462 (4) Cyber Physical Systems **OFFERED SPRING ONLY** Prereq: AC 326, ENGR 220 — Grade C- or better
AC 463 (3) Cyber Risk Management **OFFERED FALL ONLY** — Prereq: AC 326 Grade C- or better	AC 464 (3) Web Application Security **OFFERED SPRING ONLY** — Prereq: AC 324, AC326 — Grade C- or better
Technical Elective (3)	Technical Elecitve (3)
Technical Elective (3)	Technical Elective (2)

NOTES: 9 of the 23 credit hours must be from the College of Engineering. Up to 2 credit hours of co-op can be used as nondepartmental technical electives. All prerequisites for SoC courses must be passed with a **C-** or better.

Legend: General Education: FA = Fine Arts. SB = Social and Behavioral Sciences. HU = Humanities. MS = Mathematics and Natural Sciences.

Prereq = Prerequisite. Coreq = Corequisite.