



2026-2027

Transfer Guide

NC Agricultural and Technical State University
Computer Science, BS

Transfer Guide for Associate in Engineering

Delivery Method: On-Campus

Program Admission Notes:

Students with an AA/AS degree are required to have a 2.0 college GPA. Students transferring prior to earning an AA/AS degree can review admissions requirements at: <https://www.ncat.edu/admissions/transfer-admissions/transfer-requirements.php>

Computer Science Admissions Requirements:

- 2.5 college GPA required
- Calculus I (must have taken or be taking)

Students who meet general admissions requirements but not the required GPA for Computer Science will still be considered for general admission to the university as an undeclared student.

Contact:

Office of Undergraduate Admissions
admissions@ncat.edu

Revised: May, 2026

College Level Foreign Language Requirements:

No college level foreign language required.

Major-Specific Course Recommendations:

Students are encouraged to build the North Carolina Community College (NCCC) course recommendations below into the associate degree to best prepare for the intended university and major.

Recommended NCCC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
MAT 271: Calculus I	4	MATH 131: Calculus I	UGETC Math	Required for Admission to Univ., Required Course
MAT 272: Calculus II	4	MATH 132: Calculus II	UGETC Math	Required Course

Recommended NCCC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
COM 110: Introduction to Communication	3	SPCH 250: Speech Fundamentals	Additional General Education Courses	Required Course
EGR 150: Intro to Engineering	2	GEEN 100: Engineering Design & Ethics	Elective/Pre-Major Courses	Required Course
CSC 134: C++ Programming OR CSC 151: JAVA Programming	3	University Equivalencies	Elective/Pre-Major Courses	Required Course
MAT 280: Linear Algebra	3	MATH 351: Linear Algebra & Matrix Theory	Elective/Pre-Major Courses	Required Course
MAT 285: Differential Equations	3	MATH 341: Intro Differential Equations	Elective/Pre-Major Courses	Suggested Course

Remaining Associate Degree Requirements:

In addition to major-specific course recommendations above, students should work with a community college advisor to select additional community college courses to fulfill the remaining associate degree requirements identified below.

Recommended NCCC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
ENG 111: Writing and Inquiry	3	ENGL 100: Ideas & Their Expressions I	English Composition	General Education
ENG 112: Writing/Research in the Disc	3	ENGL 101: Ideas & Their Expressions II	English Composition	General Education
Student Choice/No Preference (Approved Course Options)	6	University Equivalencies	UGETC Humanities/Fine Arts	General Education
ECO 251: Prin of Microeconomics	3	ECON 200: Principles of Economics-Micro	UGETC Social/Behavioral Sciences	General Education
POL 120: American Government	3	POLI 110: Amer Government & Politics	UGETC Social/Behavioral Sciences	General Education
CHM 151: General Chemistry I	4	CHEM 106: General Chemistry VI & CHEM 116: General Chemistry VI Lab	UGETC Natural Sciences	General Education, Elective
PHY 251: General Physics I	4	PHYS 241: General Physics I & PHYS 251: General Physics I	UGETC Natural Sciences	General Education,

Recommended NCCC Course	Credit Hours	University Equivalent	Associate Degree Requirement Fulfilled	University Requirement Fulfilled
		Lab		Elective
PHY 252: General Physics II	4	PHYS 242: General Physics II & PHYS 252: General Physics II Lab	UGETC Natural Sciences	General Education, Elective
ACA 122: Transfer & Career Success	1	FRST 101: College Success	Academic Transition	General Education
Student Choice/No Preference (Approved Course Options)	3	University Equivalencies	Elective/Pre-Major Courses	General Education, Elective
MAT 273: Calculus III	4	MATH 231: Calculus III	UGETC Math	Elective

Additional Information From NC Agricultural and Technical State University:

None

Remaining Bachelor’s Degree Requirements at University:

University Course	Credit Hours	University Course Notes
COMP 121: Computer Sci Freshman Colloqui	1	
GEEN 111: College of Engi Colloquium I	1	
COMP 180: Discrete Structures	3	
COMP 280: Data Structures	3	(Can be fulfilled by CSC 249 at NCCC)
COMP 285: Analysis of Algorithms	3	
COMP 267: Data Base Design	3	
COMP 200: Computer Sci Sophomore Colloqu	1	
Approved Statistics Elective	3	
COMP 360: Programming Languages	3	
COMP 322: Internet Systems	3	(Can be fulfilled by WEB 110 at NCCC)
COMP 365: AI and Machine Learning	3	
COMP 350: Operating Systems	3	(Can be fulfilled by NOS 110 at NCCC)

University Course	Credit Hours	University Course Notes
COMP 390: Social Implications of Comput	3	(Can be fulfilled by CTS 210 or HUM 110 at NCCC)
COMP 300: Computer Sci Junior Colloquium	1	
COMP 385: Theory of Computing	3	
COMP 410: Software Engineering	3	
COMP 476: Networked Computer Systems	3	(Can be fulfilled by NET 110 & NET 125 or CTI 120 at NCCC)
Free Elective	3	
COMP 496: Senior Project II	3	
Approved COMP Elective	9	3 Courses
ENGL 331: Writing Science & Technology	3	
COMP 495: Senior Project I	3	
Approved Computer Architecture Elective	3	
COMP 167: Computer Program Design	3	
Approved Statistics Elective	3	Can be fulfilled by MAT 152: Statistical Methods I