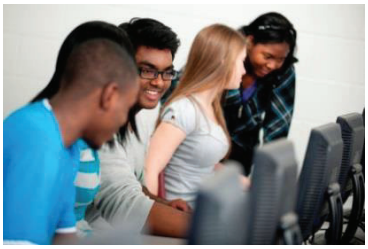
Department of Computer Systems Technology

College of Science and Technology



Undergraduate Handbook

NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY

Revised: August 2025, Version

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Part I: Welcome

Chair's Welcome

Welcome to the North Carolina A&T State University's College of Science and Technology. The university is strongly committed to excellence in the study of technology. The CST Department offers a Bachelor of Science degree in Electronics Technology, Bachelor of Science Information Technology, Bachelor of Science in Artificial Technology, Master of Science Information Technology, and a Doctoral Degree in Applied Science and Technology with a concentration in Information Technology. Our innovative courses and curricula prepare undergraduates and graduates for criticalthinking and furnish students with great employment opportunities. The departments' philosophy emphasizes extensive faculty-student contact in and outside the classroom.

We utilize a collaborative approach to course design by working directly with industry leaders to identify the leading-edge technologies that our students will need to master to succeed in the workforce. So, if you are interested in machine learning, computer networking, embedded systems, power distribution, system administration, and digital logic; then this is the department for you. You will learn on the systems that will prepare you for the future!

Beyond the classroom you will be actively engaged in laboratory experiences. You will take courses in science, mathematics, business, circuit analysis, management, computer programming, and more. After graduation, our students are prepared to manage projects and/ or people in the corporate sector, software companies, and the telecommunications industry. Companies that hire our graduates include State, Local, and Federal Government, IBM, Cisco, Ford Motor Company, just to name a few.

Once again, we welcome you to the College of Science and Technology. We hope that your matriculation at the university will be extremely rewarding. If you need assistance or additional information, please feel free to contact the department office (336-334-7717).

Welcome,

Evelyn R. Sowells-Boone, PhD
Chairperson and Associate Professor
Department of Computer Systems Technology
203 Price Hall
North Carolina A&T State University
Greensboro, NC 27411
phone: 336-285-3145
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email: sowells@ncat.edu

http://www.ncat.edu/cost

Virtual Student Hours by appointment:

https://ncat.zoom.us/j/94448167674?pwd=SDlHRzdyaFl TEdoN k5KR0tHV09NZz09

Part II: Notice

Notice to CST Students

Students:

Please see your advisor to review your plan of study as soon as possible. The university academic calendar and exam schedule are posted and maintained annually by the Office of the Registrar. Please refer to them regularly for deadlines, holidays, and breaks using the link below.
Also, please check your **@NCAT.EDU** or **@AGGIES.NCAT.EDU** at least twice daily.

Academic Calendar & Exam Schedule
(https://www.ncat.edu/registrar/academic-calendar-pdfs/index.php)

Thank You,
CST Department

Department Crash Course

1. **What is your institution's name?**
   North Carolina Agricultural and Technical State University

2. **What is the name of your college or school?**
   College of Science and Technology (CoST)

3. **Who is the Dean of your college or school?**
   Dr. Abdellah Ahmidouch

4. **Who is the Assistant Dean and the Associate Dean of CoST?**
   Assistant Dean, Office of Student Success – Ms. Chrsitian Felton
   Associate Dean, Undergraduate Ed & Academic Affiars, CoST – Dr. Alesia Ferguson (Interim)

5. **What is the name of the department for your major?**
   Computer Systems Technology

6. **What is the name of the chairperson for your department?**
   Dr. Evelyn Sowells-Boone

7. **What is your major?**
   Electronics Technology – ELET
   Information Technology – INFO
   Artificial Intelligence

8. **What degree can be earned upon completion of academic requirements?**
   Bachelor of Science in Electronics Technology
   Bachelor of Science in Information Technology
   Bachelor of Science in Artificial Intelligence

Part III: The Department

Introduction

The Department of Computer Systems Technology (CST) prepares students to pursue technical and technical management careers through a balance of strong theoretical instruction and practical hands-on experience. Students build expertise in electronics, computer programming, digital and microprocessor systems, computer hardware and software, networking, communication systems, artificial intelligence automation, and database systems. Coursework in business management, project management and programming provides the managerial and analytical skills needed for leadership roles.

Graduates are well-positioned to lead projects and teams in industries such as manufacturing, telecommunications, finance, information technology, and defense. Employers include John Deere, Cigna, Cisco, Verizon, Bank of America, Lockheed Martin, Fidelity Investments, Accenture, IBM, and many more.

The department offers three undergraduate degree programs. The B.S. in Electronics Technology emphasizes circuits, active systems, communications, power, and networking. The B.S. in Information Technology focuses on databases, networking, security, systems integration, and Linux administration. The B.S. in Artificial Intelligence - Applied Track integrated computer systems, robotics, machine learning, and data science, with project-based learning, internships, and research collaborations.

Vision

The vision of the Department of Computer Systems Technology at North Carolina A&T State University is to become one of the top 100 departments in the nation that offer degrees in technology-related disciplines. In this way, the department intends to create leaders in computer systems technology and engineering disciplines for the state, nation, and the global community.

Mission

The mission of the Department of Computer Systems Technology at North Carolina Agricultural andTechnical State University, strategically aligned with that of the university, is to provide exemplary teaching and learning environments for students in technology-related disciplines, to conduct cutting-edge research using state-of-the-art technology, and to promote community serviced in a manner that enables that knowledge deposited into program graduates to positively impact the state, the nation and the global community.

Course Descriptions

All courses that are offered by the CST Department can be found in the University's Course Catalog,searchable by term. You can access a description of each course by using the following steps or link.

Navigation Steps:

www.ncat.edu >> Quick Links >> Aggie Access Online >> Course Catalog >> Select the Term >>Select Subject >> Select Level (Undergraduate)

Link:

Aggie Access Online Course Catalog

https://www.ncat.edu/current-students/index.php

Department of Computer Systems Technology

Bachelor of Science in Electronics Technology

Major Code: 0340 / ELET / ELET Online

MAJOR PROGRAM REQUIREMENTS

Students must earn a grade of "C" or better in all required CST major courses

Curriculum Guide

FRESHMAN YEAR

First Semester			Second Semester		
Subject	**Course**	**Credit**	**Subject/Course**		**Credit**
CST 120	Fundamentals of Technology	3	CST 112	Electric Circuits I	3
CST 130	Introduction to Unix/Linux	3	CST 122	Electric Circuits I Lab	1
ENGL 100	Ideas and Their Expressions I	3	CST 140	Intro to Computer Programming	3
FRST 101	University Experience (SS) [2]	1	CST 150	Intro to Computer Programming Lab	1
MATH 110	Pre-Calculus for Eng/Sci (MLAR)	4	ENGL 101	Ideas and Their Expressions II (WC) [2]	3
	Global Awareness (GA) [2]	3	MATH 131	Calculus I	4
Semester Total Hours		**17**	**Semester Total Hours**		**15**

SOPHOMORE YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 212	Electric Circuits II	3	CST 213	Digital Circuits	3
CST 222	Electric Circuits II Lab	1	CST 223	Digital Circuits Lab	1
CST 240	Applied Java Programming	3	CST 250	Communication Systems	3
MATH 132	Calculus II	4	CST 260	Communication Systems Lab	1
SPCH 250	Speech Fundamentals (HFA) [2]	3	MATH 224	Intro to Probability Statistics	3
	African American Studies (AA) [2]	3		Social/Behavioral Sciences (SBS) [2]	3
Semester Total Hours		**17**	**Semester Total Hours**		**14**

JUNIOR YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 312	Active Circuits I	3	CST 300	Intro to Project Management	3
CST 322	Active Circuits I Lab	1	CST 313	Applied Hardware & Software Sys I	3
CST 329	Computer Networking I	3	CST 323	Applied Hardware & Software Sys I Lab	1
CST 339	Computer Networking I Lab	1	MGMT 110	Business Environment	3
CST 355	Electrical Power and Machinery	3	PHYS 226	College Physics II	3
PHYS 225	College Physics I	3	PHYS 236	College Physics II Lab	1
PHYS 235	College Physics I Lab	1			
Semester Total Hours		**15**	**Semester Total Hours**		**14**

SENIOR YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 496	Senior Colloquium	1	CST 499	Senior Capstone Project II	3
CST 498	Senior Capstone Project I	3		Technical Elective (TE) [1]	3
	Technical Elective (TE) [1]	3		Technical Elective (TE) [1]	3
	Free Elective [4]	3		Free Elective [4]	3
	MGMT Elective [3]	3		MGMT Elective [3]	3
Semester Total Hours		**13**	**Semester Total Hours**		**15**

TOTAL CREDIT HOURS: 120

(1) Technical Electives (Track Electives): Any CST course that is not already a required course . Student may petition to have other Technical or Math courses counted as Technical Elective

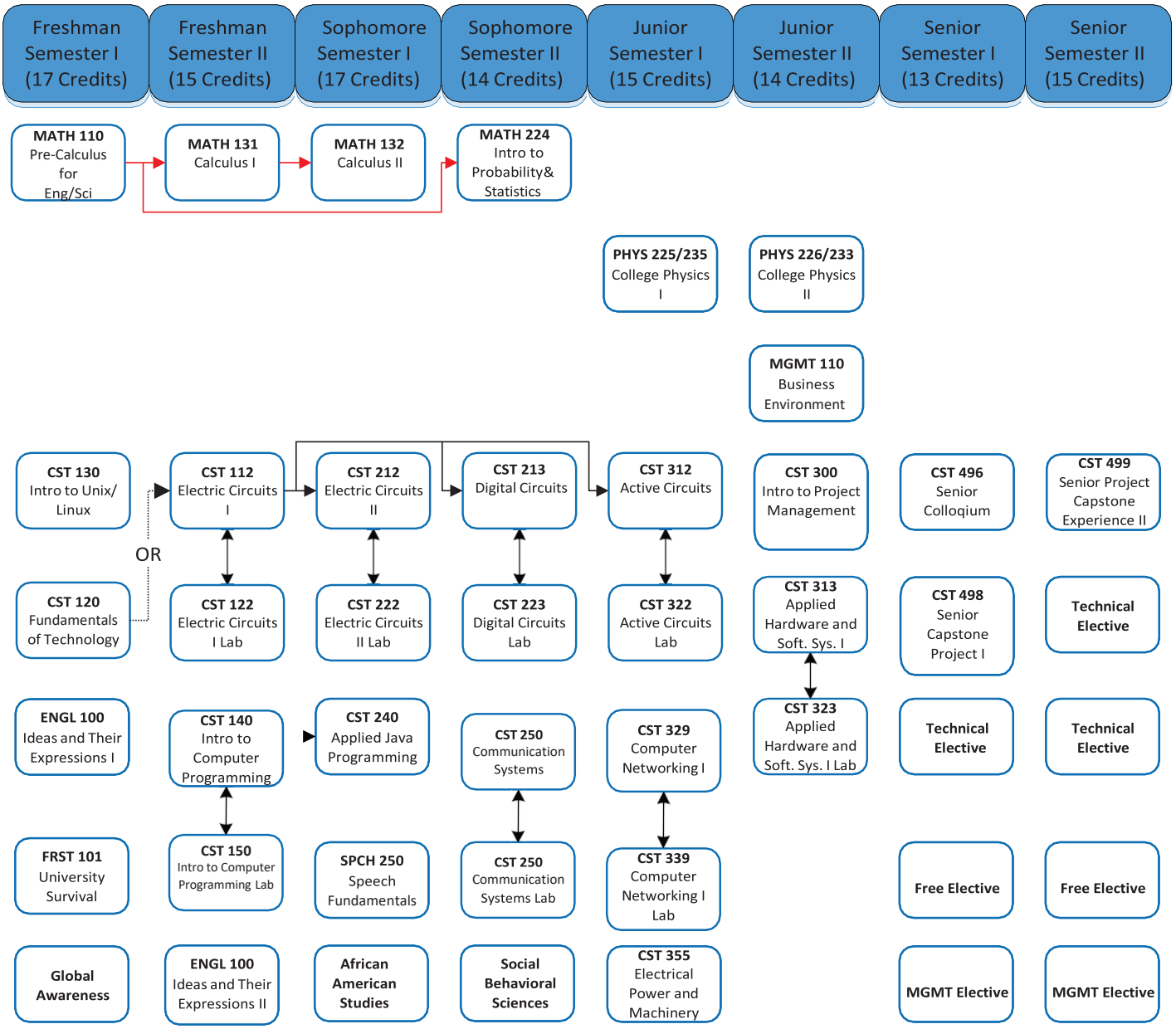
(2) SBS/GA/AA Electives: from Approved List: These must be selected from three different pools. If a course meets requirements in two or more outcomes, student has option to use the course for one outcome and must select another course to fulfill the requirement

(3) MGMT Electives: Students must earn at least 6 credit hours in the MGMT courses

(4) Free Electives: Any course at or above the 100 level may be taken as a free elective

Program Prerequisites and Co-requisites: Curriculum

Electronics Technology



Bachelor of Science in Electronics Technology
Total Credit Hours: 120

Department of Computer Systems Technology

Bachelor of Science in Information Technology

Major Code: 0432 / INFO / INFO Online

MAJOR PROGRAM REQUIREMENTS

Students must earn a grade of "C" or better in all required CST major courses

Curriculum Guide

FRESHMAN YEAR

First Semester			Second Semester		
Subject	**Course**	**Credit**	**Subject/Course**		**Credit**
CST 120	Fundamentals of Technology	3	CST 112	Electric Circuits I	3
CST 130	Introduction to Unix/Linux	3	CST 122	Electric Circuits I Lab	1
ENGL 100	Ideas and Their Expressions I (WC)	3	CST 140	Intro to Computer Programming	3
FRST 101	College Success	1	CST 150	Intro to Computer Programming Lab	1
MATH 110	Pre-Calculus for Eng/Sci (MLAR)	4	ENGL 101	Ideas and Their Expressions II (WC)	3
	Global Awareness (GA) [1]	3	MATH 131	Calculus I (MLAR)	4
Semester Total Hours		**17**	**Semester Total Hours**		**15**

SOPHOMORE YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 31	Web Systems	3	CST 225	Computer Database Management I	3
CST 240	Applied Java Programming	3	CST 235	Computer Database Management I Lab	1
MGMT 110	Business Environment	3	CST 285	Economic and Social Impacts	3
	Social/Behavioral Sciences	3	SPCH 250	Speech Fundamentals (HFA) [1]	3
	Scientific Reasoning w/Lab (SR) [2]	4		Social/Behavioral Sciences (SBS) [1]	3
				African American Studies (AA) [1]	3
Semester Total Hours		**16**	**Semester Total Hours**		**16**

JUNIOR YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 325	Computer Database Management II	3	CST 300	Intro to Project Management	3
CST 329	Computer Networking I	3	CST 315	Network Security Applications	3
CST 339	Computer Networking I Lab	1	CST 317	Human Computer Interaction	3
MATH 224	Intro to Probability & Statistics	3	CST 430	Linux Systems Administration	3
	Track Elective (TE) [3]	3		Track Elective (TE) [3]	3
Semester Total Hours		**13**	**Semester Total Hours**		**15**

SENIOR YEAR

First Semester			Second Semester		
Subject/Course		**Credit**	**Subject/Course**		**Credit**
CST 460	Systems Integration & Architecture	3	CST 499	Senior Capstone Project II	3
CST 496	Senior Colloquium	1		Technical Elective (TE) [3]	3
CST 498	Senior Capstone Project I	3		Technical Elective (TE) [3]	3
	Free Elective [5]	3		Free Elective [5]	3
	MGMT Elective [4]	3		MGMT Elective [4]	3
Semester Total Hours		**13**	**Semester Total Hours**		**15**

TOTAL CREDIT HOURS: 120

(1) SBS/GA/AA Electives from Approved List: These must be selected from three different pools. If a course meets requirements in two or more outcomes, student has option to use the course for one outcome and must select another course to fulfill the requirement

(2) Scientific Reasoning Electives: Students must complete one lab-based science course. Refer to University website for an up-to-date listing of acceptable courses

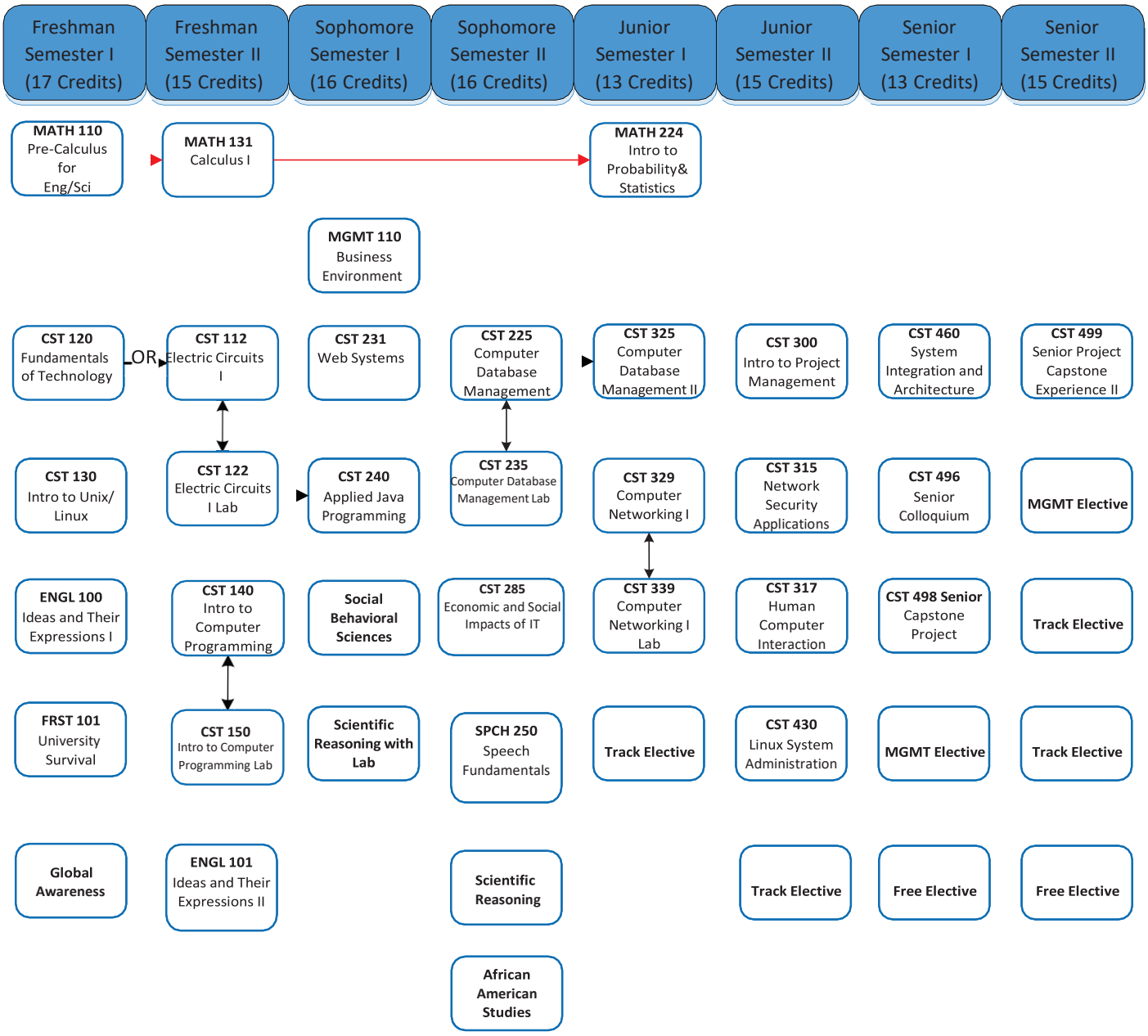
(3) Technical Electives (Track Electives): Any CST course that is not already a required course . Student may petition to have other Technical or Math courses counted as Technical Elective

(4) MGMT Electives: Students must earn at least 6 credit hours in the MGMT courses

(5) Free Electives: Any course at or above the 100 level may be taken as a free elective

Program Prerequisites and Co-requisites: Curriculum

Information Technology



Bachelor of Science in Information Technology
Total Credit Hours: 120

General Education Courses

Please use the following link to view the approved general educational courses. They have been approved by the General Education Council, the Faculty Senate, and the Provost. Courses are listed on the website in alphabetical order by department and course number within each general educationstudent learning outcome area.

Link: https://www.ncat.edu/provost/general-education-resources/gec-list.php

Technical Electives/ Track Electives

Technical electives can be any course (200 level or above) offered in the department that is not already a required course for that student. In addition, students may petition to have other (200 level or above) science, technology, engineering, programming or math courses counted as technical electives.

MAJOR PROGRAM REQUIREMENTS

Students must earn a "C" or better in the following courses

	Degree Program	
CST Major Course	**Electronics Technology**	**Information Technology**
CST 112	x	x
CST 120	x	x
CST 122	x	x
CST 130	x	x
CST 140	x	x
CST 150	x	x
CST 212	x	
CST 213	x	
CST 222	x	
CST 223	x	
CST 225		x
CST 235		x
CST 231		x
CST 240	x	x
CST 250	x	
CST 260	x	
CST 285		x
CST 300	x	x
CST 312	x	
CST 313	x	
CST 315		x

CST 317		x
CST 322	x	
CST 323	x	
CST 325		x
CST 329	x	x
CST 339	x	x
CST 355	x	
CST 460		x
CST 496	x	x
CST 498	x	x
CST 499	x	x

Program Outcomes

Electronics Technology

1. An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve broadly-defined engineering problems appropriate to the discipline.
2. An ability to design systems, components, or processes meeting specified needs for broadly-defined engineering problems appropriate to the discipline.
3. An ability to apply written, oral, and graphical communication in broadly-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.
4. An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results to improve processes.
5. An ability to function effectively as a member as well as a leader on technical teams.
6. The application of circuit, analysis and design, computer programming, associated software, analog and digital, electronics, and microcomputers, and engineering standards to the building, testing, operation, and maintenance of electrical/electronic(s) systems.

Information Technology

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.
6. Use systemic approaches to select, develop, apply, integrate, and administer secure computing technologies to accomplish user goals.

Part IV: Academic Policies & Procedures

Email Accounts

All Computer Systems Technology students should check their NC A&T State University email accounts multiple times a day. This is a vital tool of communication between the University, the Department, the faculty, and with your classmates.

Academic Advising & Registration

The College of Science and Technology Course Registration Form is available on the College of Science and Technology website at the link below. Please complete, obtain the required signatures, and return the ORIGINALto the department office. (A copy will be made for you)

Please note that we expect ALL students to complete the advising process two (2) weeks PRIOR to registration. Failure to do so may result in you not being able to register until thebeginning of the next semester.

Before Meeting with Your Advisor

1. Print a copy of the **CURRICULUM GUIDE** for the program of study and year you enteredthe program.
   a. Computer Systems Technology (https://www.ncat.edu/cost/departments/computer-systems-technology/index.php) use link above to view curriculum guides for: Electronic Technology, Information Technology, Artificial Intelligence
2. Print an **UNOFFICIAL TRANSCRIPT** from Aggie Access Online (https://www.ncat.edu/current-students/index.php)
3. Complete a DEGREE AUDIT on the curriculum sheet.
   a. Check off the courses successfully completed and note the grade
   b. Make sure you met the minimum grade of “C” for your major classes
   c. Make sure you met the minimum grade of “C” for math and science classes (if applicable)
   d. Identify the next ten (10) courses in your curriculum guide, in sequential order, needed to progress toward degree completion
   e. Make sure you are taking classes in the appropriate UNST Cluster Theme (if applicable) or General Education requirements
4. Complete a Course Registration Form
   a. FIRST – identify any courses that you need to retake and list them (if applicable) – we strongly recommend that you DO NOT DELAY taking lower division courses untilthe end (i.e., Math, Physics, Chemistry, etc.)
   b. SECOND – identify the courses for which you have successfully completed the prerequisites
   c. THIRD – list the next ten (10) courses that you need to continue making progress towards your degree, INCLUDE COURSE NUMBER, SECTION, etc. as listed in the CST CLASS SCHEDULE
   d. FOURTH – go the class schedule on the A&T Website (Click on **CURRENT STUDENTS**, then **CLASS SCHEDULE**)

Meeting with Your Advisors

1. Go over your proposed course schedule.
2. You are expected to take the courses listed on your curriculum sheet – ANY deviations from the curriculum sheet require PRIOR WRITTEN APPROVAL.
3. You are expected to have a signed Course Registration Form for your registration. We reserve the right to CANCEL your registration, if you sign up for classes without consultation with your advisor.
4. Please note that all Course Registration Form are writeable PDFs and must be typed, with NO ERRORS before requesting any signatures.

Academic Advisors

Course Overrides

The College of Science and Technology Override Request Form is available online.

Permission to be placed in a course in the College of Science and Technology requiring an override through Banner MUST have approval. The College of Science and Technology Override Request Form must be completed in its entirety with all required signatures prior to review. This is an electronic form that must be completed online and submitted. Link may be obtained from academic department or academic advisor.

New link every semester

Course Auditing

Office of the Registrar- (https://www.ncat.edu/registrar/index.php)

Students who intend to register for a course for which they do not want to earn credit may register as an audit student by picking up the Audit Registration Form from the Office of the Registrar. He or shemust register officially for the course and pay the University Cashier. Attendance, preparation, and participation in the classroom discussion and laboratory exercises shall be at the discretion of the instructor.

Change of Major:

1. If you are changing from a CoST program to a program in another College on campus,
    a) Obtain approval/signatures from the new department chair and dean. Please make sure your form has the name of your new advisor.
    b) Obtain approval/signature from your current department chair.
    c) Send the completed form to the Office of the Registrar
2. If you are changing from one **CoST** program to another CoST program
    a) Obtain approval/signature from the new department chair. Please make sure your form has the name of your new advisor.
    b) Obtain approval/signature from your current department chair.
    c) Send the completed form to the Office of the Registrar

Declaration of Minor/Drop Minor:

1. Obtain approval/signature from your current MAJOR department chair.
2. Subsequently, the form should be sent to **Dr. Alesia Ferguson** (CoST Associate Dean) for approval. Dr. Ferguson's email is acferguson@ncat.edu
3. Obtain approval/signature from MINOR department chair.
4. Send the completed form to the Office of the Registrar

Permission to Take Courses at Another Institution

1. Pull the description of the course(s) you intend to take at another institution
2. Send description of the course(s) along with the Permission to take courses at another institution form to the department that is responsible for teaching that course at A&T for review/approval (i.e. if you would like to take CHEM 106 at your local community college, the form + description should be sent to Dr. Assefa in chemistry for approval)
3. Once you have obtained all signatures for each course, your department chair will need to approve/sign
4. After receiving approval from your department chair, your form should be sent **Dr. Alesia Ferguson** (CoST Associate Dean) for approval. Dr. Ferguson's email is acferguson@ncat.edu
5. Once Dr. Ferguson reviews and approves, the form should be sent to NCAT Office of the Registrar.
6. When you finish taking the course and receive your grade, request the transcript from that institution be sent to NCAT Office of the Registrar.

Withdraw from University

1. Obtain approval from your department chair
2. Obtain approval from CoST Assistant Dean, Prof Christian Felton (crfelton@ncat.edu)

Readmission/Academic Plan of Action

1. If you are returning to the University from suspension, first go to the Registrar's site https://www.ncat.edu/registrar/index.php and complete the readmission application
2. Work with your faculty advisor or chairperson on developing an Academic Plan of Action (APA)
3. Dr. Evelyn Sowells-Boone, CST Department Chairperson, will review and once approved the APA should be sent to the Registrar's Office

Students seeking readmission to the CST Department must follow the official College of Science and Technology readmission process.

Applying for Graduation

The CST Department Policies and Procedures Contract for Prospective Graduates (Undergraduate)Form is available in the department office. Please review, sign, date, and return to the Department Chair before the end of the advising period.

Apply for graduation within the department

Deadline: During Advising period of the semester before anticipated graduation date

Apply for graduation for the university

Deadline: See University Academic Calendar

Graduation Deadline is found on the Academic Calendar:
(https://www.ncat.edu/registrar/index.php)

The CST Department is enforcing a new graduation procedure. This policy involves clearing students at the departmental level, before students apply for graduation at the university level.

The procedure is as follows. During the semester before a student plans to graduate, each student must attend a one on one audit session with the designated graduation clearance advisor in the department. Following this session, a student must sign the CST Graduation Policies and Procedurescontract, which is included below. This contract will be kept on file in the department and assures that the student is aware of the basic standards associated with graduating from this University.

DUE DATES: For students planning on graduating during the Fall Semester, the one-on-one auditsession must be completed no later than March 1st of the Spring semester before you anticipate graduation. For students planning on graduating in the Spring or Summer, the one-on-one audit session must be completed no later than October 1st of the Fall semester before you anticipate graduation.

Transfer of Coursework

The CST Department Transfer Credit Request Cover Sheet and Transfer Credit Request Formare available in the department office. Please complete, sign, attach all supporting documentation, and return to a Transfer Coordinator or Department Chair.

The Department of Computer Systems Technology welcomes students transferring from otheruniversities or community colleges. The following link will assist with transfer credits: (https://www.ncat.edu/transfer-students/transfer-articulation.php)

Then Office of Admissions will give credit for general education courses upon applying to theuniversity. To obtain credit for technical courses you must complete the following steps:

A. Obtain course descriptions from the program you are transferring from
B. Obtain course descriptions of the CST courses (available online in course catalog)
C. Obtain a copy of your transcript from all institutions you have attended.
D. Submit sealed transcripts to the registrar's office.
E. Approved transfer credits should appear on your unofficial transcript after thedepartment's approval and processing by the Office of Admissions.

Grade Appeal Process

The grade appeal process is composed of three levels. The levels are: the faculty member, the Department Chair, and the Dean; who initiates a hearing by the Grade Appeal Committee. If theprocess reaches the GAC, the committee will render its decision to the Dean of the College of Science and Technology as outlined in the parameters of Procedures. Listed below are the steps for filing anappeal for an unsatisfactory final grade.

1. Within 10 days of the start of the succeeding semester, the student must communicate (in writing) with the faculty member of the class indicating the grade received was not the correct grade. The student must present documentation to support his/her claim that the final grade received was not thecorrect grade. Within 10 days, the faculty member will provide to the student a written response to thefinal course grade appeal.

2. If the student is not satisfied with the faculty member's response, the next level is to appeal to the Department Chair. The student must submit to the Department Chair within 10 days, the letter submitted to the faculty member and the faculty member's written response to the first level appeal. The Department Chair will review the documents and meet with the student and faculty member. TheDepartment Chair will provide a written response within 10 days after interviews to the student and faculty member.

3. If the student is not satisfied with the decision of the Department Chair, the student can petition theDean for a hearing with the Grade Appeal Committee. The GAC is the final level of appeal within the College of Science and Technology. Within 10 days after the student receives the response from the Department Chair, the student can write a letter of appeal to the Dean requesting a meeting with the GAC. The GAC will not meet with a student until that student has made appeals through Levels I and II as

described above. After the GAC reviews all appropriate documents, interviews the student and the faculty member, the GAC will render a decision to the Dean of the College of Science and Technology. The Deanwill consider the GAC's recommendations and make the FINAL decision concerning the grade appeal. The student will receive the Dean's decision within 10 days after receiving the GAC's recommendations.

Final Decision

The Grade appeal Committee will review all appropriate documents and interview all relevant partiesand render a recommendation to the Dean of the College of Science and Technology. The final decision relative tothe grade appeal rests with the Dean. The Dean's decision is the final disposition of the matter at theCollege of Science and Technology level. The Dean will convey, in writing, the final decision to all involved parties.

Readmission

Students seeking readmission to the CST Department must follow the official College of Science and Technologyreadmission process. This process can be found at the link below Link: https://www.ncat.edu/registrar/index.php

Part V: Student Success Resources

The Office of Student Success is available in the College of Science and Technology to support you as students inyour quest to be successful in your academics and career preparation, whether you are a current or prospective student. We believe you can maintain a good overall GPA and graduate in four years bybeing diligent and informed. Please use the following information to help guide you during your University experience here or to get more information about us.

College of Science and Technology
-The Office of Student Success
Price Hall 205

Website: https://www.ncat.edu/academics/academic-resources/student-success.php

Student Tutoring and Other Support Services

We are committed to providing services that you need to succeed while at North Carolina A&T StateUniversity. The following are highly recommended services on campus:

The Center for Academic Excellence offers:

- Tutorial Services
- Supplemental Instruction
- Academic Support
- Skill Building Labs to aid you in math and science courses

Other Services Available:

- University Writing Center and Composition Central offer writing assistance and tutoring.
- The Math Learning Resource Center provides tutoring for those who need help in math. Weencourage all of our students to attend weekly math tutorials as you attend your classes.
- The library is a great place to study and gather peer-reviewed literature. The library stays openlate and would be ideal for gathering a group of classmates for late night studying. Review what Bluford Library has to offer to our College of Science and Technology students.
- The Residence Halls have scheduled programs as well as on-going study halls for students toobtain the help needed to be successful.

Scholarships

CST Departmental Scholarships
The CST Departmental Scholarships are for new and returning students based on their academic achievement and financial need. The scholarship is available for students entering the fall semester or the spring semester. To apply for the CST Departmental Scholarship, you must meet the following specified criteria to be selected:

1. Be enrolled full-time in a degree program within the Department of Computer Systems Technology.
2. Demonstrate financial need and complete the FAFSA
3. Maintain at least a cumulative grade point average of 3.0 or higher on a 4.0 scale.
4. Be a U.S. citizen, a permanent resident, or a legal immigrant admitted as a refugee under section 207 of the Immigration and Nationality Act or an alien lawfully admitted to the United States for permanent residence
5. Submit a one-page resume
6. Submit a one-page personal statement specifying their reasons for continuing education and their goals after completing NCA&TSU degree
7. Provide a letter of recommendation from a school instructor or administrator

Application Deadline:
· July 5th for the Fall semester
· Dec. 5th for the Spring semester

Award Amount: varies
NOTE: Not all applicants will receive a scholarship. Scholarships are not renewed and must be re-applied for each semester. The application must be emailed to compsystech@ncat.edu by the deadline in order to be considered for a scholarship.

For a list of available scholarships (list available is not of all CST scholarships):

Please visit the College of Science and Technology Office of Student Success website to find out how toapply.

https://www.ncat.edu/cost/departments/computer-systems-technology/scholarships.php

Student Organizations

College of Science and Technology's Honor Society

- Epsilon Pi Tau (EPT)
- Dean's Circle

Electronics, Computer, and Information Technology

- Aggies In Technology (AIT)
- Women in Science & Technology (WIST)
- Institute of Electrical and Electronics Engineers (IEEE)
- Instrumentation, System, and Automation Society (ISA)
- National Association of Radio and Telecommunications Engineers (NARTE)

Professional Development

We encourage you to engage in co-ops and internships to obtain valuable on-the-job experience that enhances your academic coursework. We encourage you to speak with your faculty advisor as early aspossible on how your curriculum can support an internship or co-op.

As you get closer to graduation, we encourage you to begin thinking about your overall professionalism thatincludes professional dress, communication, resume, and overall polish of your demeanor. Career Servicescan support you with these aspects of your professional practice.

Link to Career Services: https://www.ncat.edu/provost/career-services/index.php

SciTech Week

The College of Science and Technology presents SciTech Week with various events throughout the week. The theme this year is “Driving Excellence with Technology”. Technology continues to be the driving forcein helping companies run efficient operations. When old processes are not working and companies are trying to boost performance they often turn to new technology solutions. The purpose of Technology Week is an opportunity to educate, inform, and display the field of technology and its place as a career choice. We bring together College of Science and Technology students, faculty, staff, high school and community college students, and corporate partners to share the story of “Why Technology?” Not only is technology one of the fields that is in a job growth pattern, but it meets the strategic direction of the country in increasing jobs in STEM.

Many activities throughout the week are planned: Monday, Tuesday, and Thursday we showcase theseven undergraduate technology programs, and on Thursday evening, we will have a Women in Technology Lecture and Panel Discussion. For more information, please contact the College of Science and Technology at 336-334-7359 or visit our web-site https://www.ncat.edu/cost/departments/computer-systems-technology/index.php

Explore IT Day

Explore IT Day is an annual event hosted by the College of Science and Technology for the purpose of developingskills and promoting career opportunities in mainframe technologies, information technology and cloud computing. The festive event brings together educators, industry partners and approximately 400 highly motivated high school and college students for a day of innovative activities and fun.

Students participate in various hands-on exercises to enhance applied STEM skills (science, technology, engineering & math) for managing enterprise systems. An interesting addition to Explore IT Day is the “**Career Expo**” where organizations that use enterprise systems can directly interact with the best and the brightest college students from NC A & T and other participating colleges. These organizations can make presentations, demonstrations, receive resumes, interview students, or use the time in any way they find productive in identifying the next group of enterprise systems superstars.

Part VI: Additional CST Resources

Department Facilities

Teaching Laboratories

Nearly every course in the Computer Systems Technology Department is enhanced with experimentation training and coursework. It is imperative that students understand the importance oflab work. Our department offers labs that are specialized for your needs as a student in the Electronics Technology program.

Instructional Electronics Laboratories

- **Signal Processing Lab (Smith Hall 4008)**
  Supports the study of electrical and electronics circuits, microcontroller programming, and project management.

  Equipment Provided: 16 Student Computers with NI Circuit Design, Freescale Code warrior, andXilinx. 6 Electronics Stations with digital oscilloscopes, power supplies, function generators, anddigital meters. This facility also houses solar energy experimentation kits and Dominion Power equipment.

Instructional Computer Laboratories

- **Instructional Computer Lab (Price Hall 201B)**
  Supports the study of microcomputer applications, java application development, and C++programming.

  Equipment Provided: 20 Student Computers

- **Large Instructional Computer Lab (Smith Hall 4001)**
  Supports larger computer lecture courses. Currently Mainframe Computing is offered by ourdepartment in this location.

  Equipment Provided: 30 Thin Clients

- **Networking Lab (Smith Hall 4016)**

Supports the study of computer networking, database management, cisco academy classes,computer forensics, and information technology courses.

Equipment Provided: 20 Student Computers, Cisco Academy routers, catalysts, and modules,computer forensics software, and Apple IPads.

Open Computer Laboratory

- **Open Computer Lab (Smith Hall 3010)**
  This is an area for students to collaborate and study. It is open from 8 am to 5 pm daily and isequipped with software used in every computer lab in the College of Science and Technology.

  *********************Equipment Provided: 25 Student Computers**********************

Computer Systems Technology
Faculty & Staff Directory

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