

MIDFIELD

North Carolina Agricultural and Technical State University

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About the University

NCAT is a public institution that was founded in 1891. Its engineering program is smaller and less well known than other schools such as NC State, and it is generally overshadowed by the university's athletics program. A notable engineer alumni is Harold L. Martin, who was the twelfth Chancellor of Winston-Salem State University, the twelfth Chancellor of North Carolina A&T, and the first and only alumnus to serve as Chancellor of the University. NCAT is also notable for its strong and historical commitment to the education of African Americans. NCAT is located in Greensboro, North Carolina.

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Term Type

- NCAT uses a semester system, with their being a Fall, Spring, and Summer semester each year.

Admissions, Engineering, First Year

Admissions, All, 1st Year

Requirements:

- **Competitive Standards:** An applicant is considered in accordance with the following criteria:
 1. Evidence of academic achievement and promise with considerable facility in the use of the English language
 2. Complete record from an accredited secondary or preparatory school with graduation based on no fewer than 16 units. This was changed to 19 units from 2006-2014. From 2015-2017, the catalog merely states “Complete record from an accredited secondary or preparatory school with graduation based on UNC minimum undergraduate course requirements.” From the years 2010-2014, if an applicant is at least 24, they may be exempt from high school requirements. This was changed to 21 in the years 2015-2017
 3. Satisfactory score on the SAT or the ACT. From 1997-2010, Students may be exempt from these tests if the high school graduation date is 5 or more years at the point of matriculation to the University. From the years 2010-2015, Students who are 24 years or older at the point of matriculation to the University may be exempt from the SAT and/or the ACT. In 2015-2017, “24 years or older” was changed to “21 years or older.”
 4. Satisfactory class rank or average. In 2015-2017, the catalogs specify that All students must satisfy the UNC minimum admissions requirements to be eligible for admission

Admissions, All, Transfer

College level hours to be considered a transfer:

- Transferable course work includes six (6) semester hours in each of the following areas: English, foreign language, history, mathematics, science--in order to be exempt from any high school requirements. From 2010-2015 “transfer applicants who have attended another accredited college must have earned six (6) transferable semester hours in each of the following areas: College level English, foreign language, college level mathematics, natural science and social and behavioral science, for a minimum of thirty (30) semester hours of transferable course work.” These students may be exempt from freshman requirements.

From 2015-2017, transfers must have earned 24 hours of transferable semester hours to be exempt from freshman requirements.

Requirements to transfer

- Minimum Grade that will transfer/transfer GPA: A grade of at least a C or a 2.00 GPA is the lowest that is accepted.

Admissions, Engineering, Transfer

Requirements:

- Transfer GPA, minimum: The 1987-1990 catalogs do not mention any special requirements for engineering transfers. From 1991, transfer for programs in the College of Engineering requires a 2.5 GPA if transferring from a four-year institution with an accredited engineering program or 3.00 cumulative GPA if transferring from other types of institutions. From 2015-2017, the differentiation between accredited and non-accredited schools was removed and only a CGPA of 2.50 was required no matter what school students transferred from.

Required Course Work:

- From 1997-2005, all conditionally admitted transfer students were required to document that they had taken Algebra I, Algebra II, Geometry and an additional unit of an advanced Math course. From 2015-2017, transfers for the College of Engineering required completion of Calculus I.

Financial Aid

Standards for Retaining Financial Aid:

- Students must maintain minimum academic requirements and meet the standards for satisfactory academic progress.
- From 1987-1993, students needed at least 48 credit hours to qualify for guaranteed financial aid. After 1993, students must maintain Satisfactory Academic Progress in regard to credit hours (see Satisfactory Academic Progress tables). From 2008-2017, this was specified as completing a minimum of 67% of all attempted hours. If the number of completed hours drops below 67%, the student will no longer be eligible for financial aid.

Admissions, International

Requirements

- The catalogs do not seem to mention any courses that are specifically needed for international students. The student does need evidence of academic achievement and promise with considerable facility in the use of the English language
- English Proficiency: International Students need to show proficiency in written and oral English usage. Students can show proficiency by taking the TOEFL. In 2016-2017, the IELTS could also be used to show proficiency.

Engineering Matriculation Model

- Students declare their intention of majoring in engineering, and may or may not be accepted to the Department of Engineering based on weighted high school GPA, SAT scores, and ACT scores. Students transferring from another accredited four-year university are required to have at least a 2.5 GPA and students who are transferring from other types of universities are required to have at least a 3.0 GPA in order to be accepted into the Department of Engineering. In 2015-2016, all transfer students regardless of type of institution they transferred from, were required to have at least a 2.5 CGPA and completion of Calculus 1.

Readmission for Students in Good Academic Standing

Clean Slate Option

- Students who had not been taking classes for at least five years after any kind of voluntary or involuntary dismissal, are eligible for the Five Year Readmission Policy (changed to three years in 2014). From the years 1995-2012, "Under the "Five Year Readmission Policy only previously taken courses in which a grade of "C" or better was earned will be counted toward graduation. The computation of the cumulative GPA for students who are readmitted under this policy will begin at the time enrollment is resumed after readmission. This policy will not, however, alter the student's original academic record. In the years 2012-2017, the catalog states that all grades and courses remain on the student's transcript. These catalogs also state that coursework that is older than 5 years (for years 2012-2014) or 3 years (2014-2017) old may be excluded from GPA calculations upon request from the student. From the years 1995-2008, an undergraduate student who has been academically dismissed could only be readmitted under the Five Year Readmission Policy, however, other students could also qualify for the policy. From

the years 2008-2017, students who were academically dismissed could request readmission after only a year on dismissal.

Grading Policies

Course Repeat Policy-General

- From 2012 to 2017 a single course may not be repeated more than two times and Financial Aid is only given for one repetition of a course.
- 2019 – Students may repeat up to five courses during their academic career. Information on course repeat policy can be found on the NCAT website under Academic Affairs.
- A student who has received a failing grade at the University must repeat and pass the course unless the dean authorizes a substitute course. However, from the years 1989-1994 students who received a passing grade could also retake any classes of their choice. From the years 1994-2012, students could not retake classes they passed and received a “C” or higher in. This rule was reverted in 2012-2017 when students who received a passing grade could retake classes, but only once.
- Anytime a course is repeated, only the higher grade counts towards meeting course and degree requirements. However, all grades earned will appear on the transcript.

Drop and Withdrawal:

- a. Treatment of “W” Grades: How W grades are treated is not specified until 1997. From then on (1997-2017) the University counts the hours as “attempted hours”. These hours have an adverse effect on SAP, but “W” grades do not impact GPA itself.
- b. Withdraw Date-regular: A student may withdraw from a course by submitting a change of schedule form to the Registrar on or before the last to withdraw, as published in the academic calendar.
- c. Withdraw Options: Students who withdraw from the University prior to the published deadline shall receive a “W” in all classes in which they were enrolled. A student who does not officially withdraw from the University will be assigned the final grade earned in each course in which the student was enrolled in.

Grading Weights

	1987- 2014	2014- 2018
A	4.0	4.0

A-		3.7
B=		3.3
B	3.0	3.0
B-		2.7
C+		2.3
C	2.0	2.0
C-		2.0
D+		1.7
D	1.0	1.0
F	0.0	0.0

- Grading Weights/Scale: Pluses and minuses in use since fall, 2014.

Grade	Meaning
I	Incomplete
CE	Credit by Examination
AP	Advanced Placement
S	Satisfactory
U	Unsatisfactory Failing Grade
W	Withdraw
AU	Audit
P	Passing

- An “I” becomes an “F” or “U” if not removed within the first six weeks of the next semester. An Incomplete is not given merely because assignments were not completed during the semester but must be because. A student may withdraw from any course or courses by submitting a Change of Schedule form to the Office of the Registrar on or before the last day to withdraw from an individual course, as published in the Academic Calendar.

Academic Progress-Engineering

Minimum Standards: NCAT defines Satisfactory Academic Progress as a minimum GPA per credit hours completed. Minimum Satisfactory progress has changed over the course of the catalogs examined in this project. Refer to the tables below.

1987-1993

Semester	Over-all GPA	Hours Passed
Third	1.2	24
Fifth	1.4	48
Seventh	1.7	72
Ninth	1.9	96

1994-2008

Semester	Minimum Cumulative GPA	Minimum hours completed
1	1.70	12
2	1.80	24
3	1.90	36
4 and beyond	2.00	48

2008-2010

Credit hours attempted at NCAT SU plus credit hours transferred	Minimum GPA
1-12	1.60
13-24	1.75
15-36	1.90
37+	2.00

- In 2014, NCAT imposed a flat minimum GPA of 2.0

Progress in Major

- Consequences of not meeting performance:
 From 1987-1993, students who failed to achieve satisfactory academic progress were eligible for immediate suspension.
 From 1994-2008, students who did not meet the standards listed above were suspended from financial aid and were *at risk* of suspension.
 From 2008-2017, students who failed to complete 67% of all attempted hours were suspended from financial aid.
- Required Performance: A student who fails to achieve a 2.00 GPA after returning from suspension is subject to permanent academic dismissal.

Classification Hours:

- From 1987-1995, Freshman are defined as having 0-32, Sophomores are 33-63, Juniors are 64-95, and Seniors are 96+. From 1995-2017, Freshman are defined as having 0-29, Sophomores at 30-59, Juniors at 60-89, and Seniors at 90 or above.

Time limit to obtain degree

- A student is eligible to continue to work toward an undergraduate degree until the student has attended eleven (11) semesters as a full time student (not including summer session) or until the student has attempted 170 semester hours. In 1994-1995, this was changed to 152 semester hours. After that point the student becomes ineligible to continue at the University unless approved by the dean of the college or school. If a student is in a five year degree program that student has a maximum of thirteen semesters to complete all degree

requirements or may attempt a maximum of 194 hours whichever comes first. In 2001-2008, the exception with 5 year degree programs is omitted. From 2008-2017, this was changed to “all requirements must be completed in 6 years”

Academic Probation (remain enrolled):

- Conditions for Probation: Failure to meet Satisfactory Academic Progress (SAP) can result in academic probation. For years prior to 2014, see the above table. For 2014 and subsequent years, SAP is defined as a 2.00
- Returning from Suspension: Student who return from suspension return on academic probation
- Consequences of Probation: Must remove or are suspended after one term. For the years 2006-2017, students on academic probation are limited to 12 semester hours of credit in a fall or spring semester and no more than 4 semester hours is each session of summer school. In the years 2008-2017, students on probation must develop an academic plan of action for each semester they are on probation.
- Removing Probation: Students can attend summer school to work off probation. Students can also remove probation by getting a minimum semester GPA of 2.0
- Timing of Probation Assessment: After every term.
- Probation was not even mentioned in the catalogs in 1987-1994 catalogs, only suspension.

Academic Suspension: First

- Conditions for Suspension: From 1987-1999, students who fail to meet the minimum academic requirements were subject to immediate suspension. This was changed in 1999-2012 to students returning from probation who failed to earn a 2.0 would be placed on suspension. From 2012-2017, students who failed to pass a minimum of 67% of cumulative attempted and transferred hours were also subject to suspension.
- Consequences of Suspension: Beginning in 1994-95, students on suspension may elect to take summer classes to improve their GPA. Students who fail to earn over 2.00 for the summer are subject to academic dismissal.
- Must leave one term: Suspended students must leave for one term
- Exceptions to suspension policies: There is an appeal procedure for student who were academically dismissed.
- Reinstatement after suspension: After a one semester suspension, students must reapply to be admitted to the university where they are automatically readmitted if they fill out the application by the deadline for that semester and are approved by the academic department and college.

CHEM 111								
CHEM 116								
CHEM 106								
EE 200								
English 100								
English 101								
GEEN 100								
GEEN 101								
GEEN 102								
GEEN 103								
GEEN 110								
GEEN 120								
GEEN 160								
GEEN 161								
GEEN 162								
GEEN 163								
GEEN 164								
GEEN 165								
GEEN 601								
GEEN 602								
GEEN 655 (97-01)								
IE 460								
INEN 260								
MATH 123								
MATH 131								
MATH 132								
MATH 224								
MATH 231								
MATH 431								
ME 335								
ME 336								
ME 337								
ME 360								
ME 416								
ME 441								
Physics 241								
Physics 242								
Physics 242								
Physics 251								
Physics 252								

*From 1987-1993 and 1995-2003, students also had to attain a “C” or higher in each of the Freshman courses within their department/major however those were not directly specified.

** Additionally, as a note, from 2012 to 2015 the required courses for all engineering majors are not listed.

Policies for Students with Disabilities

- Faculty Responsibilities: The Office of Handicapped Student is established to assure ready accessibility of all academic programs, services, and activities, to any person with a disability matriculating at the University. Likewise, it focuses on facility accessibility. In 1995, the name of the office was changed from “The Office of Handicapped Student” to “Disability Support Services”.