



ASSOCIATES IN ENGINEERING

6 hrs. of Composition English
Composition
Researched based English

9 hrs. of Humanities & Fine Arts
American Literature , Ethics
Art, Music, Religion

9 hrs. of Social/Behavioral Sci.
Economics *required*
History, Psychology, Sociology
Anthropology, Public Speaking

12 hrs. of Natural Sciences
(Calculus based)
Chemistry I *required*
Physics I and II *required*

12 hrs. of Mathematics
Calculus I, II and III *required*

18 other required hours
(depends on Engineering Discipline)

College Transfer Success *required*
Intro to Engineering *required*
Differential Eq. ,Linear Algebra
C++ or JAVA
Biology, Chemistry II
Drafting (Solid Works)
Statics, Dynamics
Logic Systems Design
Humanities,
Physical Education



URL
engineering.waketech.edu



Wake Tech Math, Sciences &
Engineering Division

ENGINEERING
DEPARTMENT HEAD

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Engineering Universities

NC STATE UNIVERSITY



North Carolina A&T
State University



NC STATE UNIVERSITY



Fall TRANSFERS only

3.5+ GPA overall for
BioEngr, Chemical, Computer Engr.,
Electrical Engr., Civil, Construction,
Computer Science,, Environmental
Industrial, Materials, Nuclear, Textiles

3.7 GPA overall for
Biomedical (separate application),

3.8+ GPA overall for
Aerospace & Mechanical
(not guaranteed admission for
Community College transfers)

**CALCULUS courses needed for
Specific NCSU Engineering Majors**

MAT 273 & MAT 285 Aerospace, BioEngr.,
Biomedical, Chemical, Civil, Construction,
Environmental, Materials, Mechanical,
Nuclear, Textiles

MAT 273 & MAT 280 Computer Sci.

MAT 272 & MAT 273 Electrical Engr.,
Computer Engr., Industrial,

**Note: MAT 285 is needed if transferring to
all other Engineering Universities**



2.8 GPA overall for

Biomedical Engr.

Bioprocess Engr.

Electrical Engr.

Industrial & Systems Engr.

Mechanical Engr.

All ENGR students must take

MAT 285 Differential Equations

MAT 280 Linear Algebra

EGR 220 Statics, EGR 225 Dynamics



2.5 GPA overall for

Chemical, Biological, Bioengineering (CBEN)

Civil, Architectural, Environmental (CAEE)

Computer Science (COMP)

Electrical and Computer (ELEN)

Industrial and Systems (INEN)

Mechanical (MEEN)

Mechanical, Aerospace concentration

All ENGR students must take

MAT 285 Differential Equations



STAKE YOUR CLAIM

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2.5 GPA overall for

Civil & Environmental Engr.

Electrical Engr.

Computer Engr.

Systems & Engineering Management

3.0 GPA for all Mechanical

Mechanical and Engineering Science

Mechanical Engineering Motorsports

Mechanical Engineering Energy Systems

All ENGR students must take

MAT 285 Differential Equations



2.5 GPA overall for

Electrical Power Systems

Mechanical Engineering

Manufacturing

All ENGR students must take

MAT 285 Differential Equations

EGR 220 Statics, EGR 225 Dynamics