

APPLIED ENGINEERING AND TECHNOLOGIES

New Student Orientation
AAS versus AE / AS

Why Choose AAS vs. AE/AS?

Associate in Applied Science (AAS):

- This is a career-oriented degree that prepares entry into a skilled occupation as quickly as possible. Transferring to a senior institution is a potential secondary objective.

Associate in Engineering (AE) or Associate in Science (AS):

- Primary goal is transferring to a 4-year institution to pursue an advanced degree where path will focus on the required general education courses for transfer. Employment is postponed until a bachelor's degree is awarded.

Objectives/Options

Associate in Applied Science

- **Objective:**
 - Job Market
 - Self-Employment
 - Career License/Certification
 - Requirements vary with each program and industry
- **Pathway Options:**
 - AAS Degrees
 - Diplomas
 - Certificates

Associate in Engineering/Science

- **Objective:**
 - Transfer to 4-year, Senior Institution
- **Pathway Options:**
 - Associate in Engineering Degree
 - Associate in Science Degree

Application/Content

Associate in Applied Science

- **Hands-On:**
 - Course Labs
 - Work-Based Learning
 - Apprenticeships
 - Sponsorships (Transportation)

Associate in Engineering/Science

- **Theory:**
 - Freshman and Sophomore Level Courses that meet 4-year, Senior Institution Standards

Advising

Associate in Applied Science

- **Advisor:**
 - Student Services / Academic Advisor
 - First Semester
 - Faculty Advisor in Program Major
 - Following Semesters
 - Program Director as backup
- **If plan to Transfer:**
 - Course Substitutions Required

Associate in Engineering/Science

- **Advisor:**
 - AE or AS Advisor in Student Services
- **If plan to Transfer:**
 - All Required Courses at Transfer Level

Courses

Associate in Applied Science

- **Course Availability:**
 - Sequenced Courses
 - Pre-Requisites Required
 - Taking Courses Out-of-Sequence
 - Extends Completion Time
- **Program:**
 - Only 4 General Ed Courses
 - Remainder: Core Courses
 - Applied, Hands-on Labs

Associate in Engineering/Science

- **Course Availability:**
 - Most Courses are Repeated Each Term
 - Taking Courses Out-of-Sequence
 - Does Not Extend Completion Time
- **Program:**
 - Majority of Courses: Gen Ed
 - Focus on Mastering Material
 - Content primarily Theory

Transferability

Associate in Applied Science

- **Articulation Agreements:**
 - Specific Institutions
 - Some Courses may not Transfer
 - Course Content must align with 4-year program
 - Minimum grade of “C”

Associate in Engineering/Science

- **Articulation Agreements:**
 - UNC System
 - All Credits transfer if Complete AE/AS Program
 - Independent Universities
 - Some courses may not transfer depending on agreement and course
 - Minimum grade of “C”