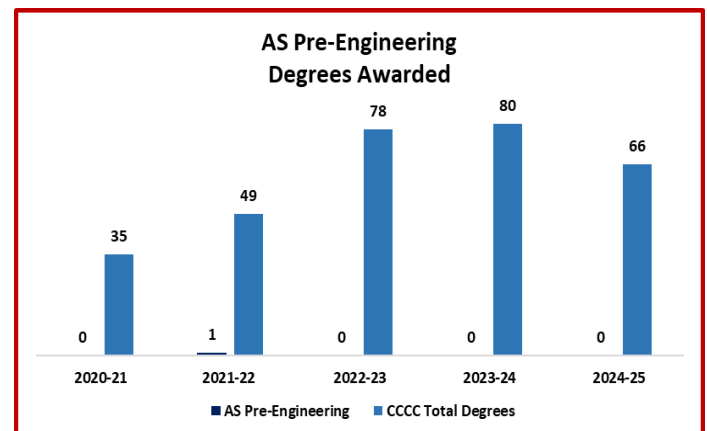
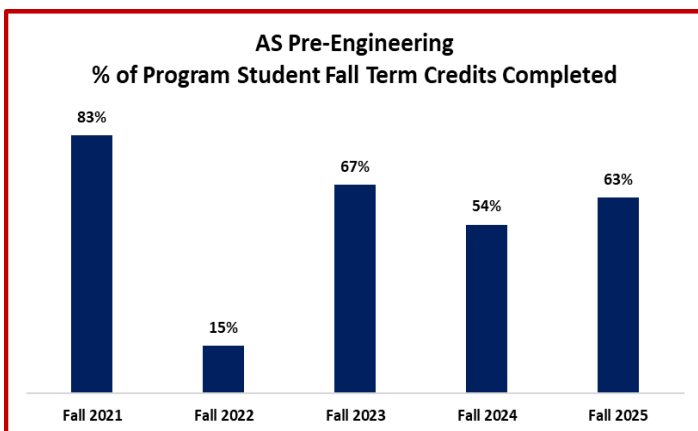
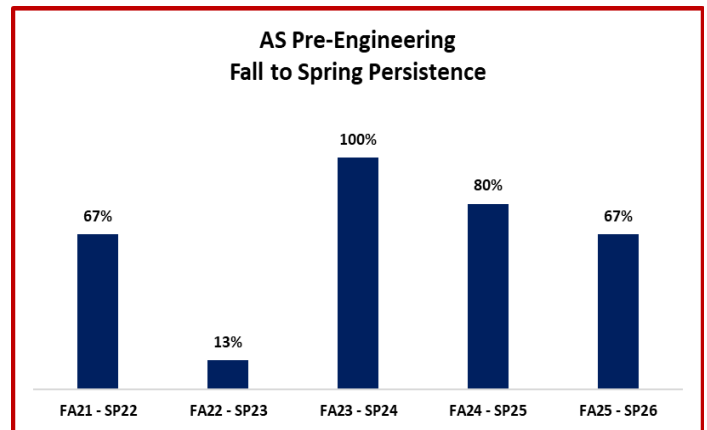
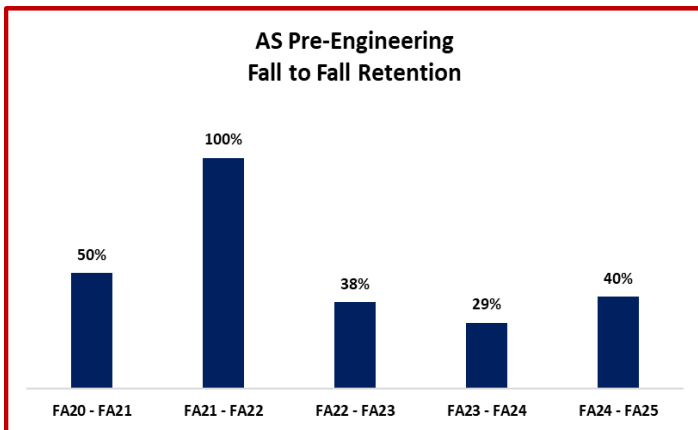
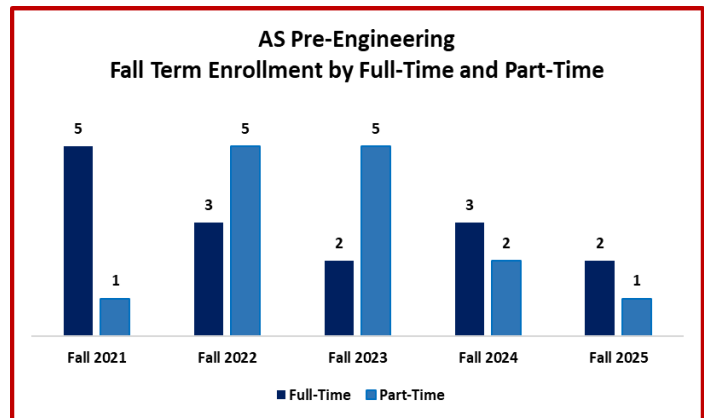
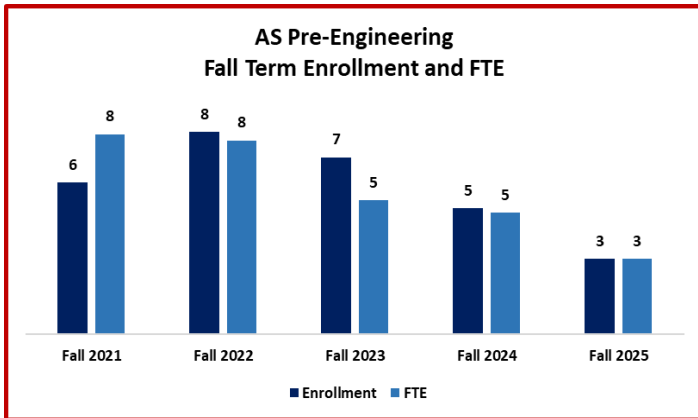




Spring 2026 Annual Program Snapshot

Program Name:
AS Pre-Engineering

Program Faculty:
Mike Parker



Program Highlights 2025-26

1. One of the students from the program continues as a paid advanced manufacturing lab technician working with the 3D printers. He is producing lunar boot attachments for a NASA grant that would provide the astronaut with the ability to work long hours on the lunar surface without chronic fatigue occurring in the lower extremities.

2. There are two active CCCC students taking advantage of the program's calculus offerings.

Current Program Goals 2025-26

[as reported on the Fall 2025 Program Goal Status Report]

1. The program will continue to be involved in a cohort with the other North Dakota Tribal College's Pre-Engineering programs with course and instructor sharing in order for CCCC students to receive credit for the POS course listings. Ian Gilley has been acting as CCCC liaison to the ND TCU pre-engineering cohort.

2. In order to maintain an enrollment of five to six active program students, an outreach plan will be developed with Student Services with the hope of having scheduled site visits to our feeder high-schools in conjunction with overall CCCC outreach activities.

3. Attempt to secure funding for instructor and/or program support through past grant funding sources that may involve Advanced Manufacturing apprenticeship. This is dependent upon being able to locate qualified instructor(s) for the relatively narrow scope specialties being taught in the courses within the AM certificate.

Progress on Current Program Goals 2025-26

1. We have two active students in the program and they are taking calculus courses taught by a PhD instructor from Nueta Hidatsa CC in Ft. Berthold.

2. Nothing has been done with regards to this goal during this time period as I was adjunct in the fall and unavailable in the spring due to health reasons.

3. The TCU engineering cohort is working on possible funding (including CCCC as a subrecipient). Updates will be coming.

Updated/Revised Program Goals for 2026-27

[Note: At least one program goal should be targeted at improving classroom pedagogy or curriculum.]

1. The program will continue to be involved in a cohort with the other North Dakota Tribal College's Pre-Engineering programs with course and instructor sharing in order for CCCC students to receive credit for the POS course listings.

2. Maintain an enrollment of five to six active program students; an outreach plan will be developed with Student Services with the hope of having scheduled site visits to our feeder high-schools in conjunction with overall CCCC outreach activities.

3. Attempt to secure funding for instructor and/or program support through past grant funding sources that may involve Advanced Manufacturing apprenticeship. This is dependent upon being able to locate qualified instructor(s) for the relatively narrow scope specialties being taught in the courses within the AM certificate.