Aircraft Structural Technology (Certificate)

The Aircraft Structural Technology Certificate is a certificate program that emphasizes aircraft structural theory and practical application necessary for successful employment in the field. Program graduates can obtain employment within the aviation industry such as: Boeing, Gulfstream, Timco, Heart of GA Metal Crafters, and Parker Aerospace. All students MUST be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.

A grade of "C" or higher is required in all core (ASTP) classes in order to graduate from this program.
Curriculum for the Certificate in Aircraft Structural Technology

**Current Program:**

- ACES 1000 - Aviation Career Employability Skills I Credit: 3 hours
- ACES 1001 - Aviation Career Employability Skills II Credit: 3 hours
- ASTP 1000 - Applied Technical Math Credit: 3 hours
- ASTP 1010 - Basic Blueprint Reading Credit: 3 hours
- ASTP 1020 - Aircraft Blueprint Reading Credit: 3 hours
- ASTP 1037 - Aircraft Aero. & Struct. Fundamentals Credit: 6 hours
- ASTP 1090 - Composites & Bonded Structures Credit: 6 hours
- ASTP 1104 - Struct. Layout, Fabrication, & Sealants Credit: 6 hours
- ASTP 1112 - Aircraft Metallurgy & Corrosion Cont. Credit: 6 hours
- ASTP 1158 - Tech. Pubs. & Aero. Quality Control Credit: 3 hours

Total Hours: 42

**Modified Program:**

- ACES 1000 - Aviation Career Employability Skills I Credit: 3 hours
- ASTP 1000 - Applied Technical Math Credit: 3 hours
- ASTP 1010 - Basic Blueprint Reading Credit: 3 hours
- ASTP 1020 - Aircraft Blueprint Reading Credit: 3 hours
- ASTP 1037 - Aircraft Aero. & Struct. Fundamentals Credit: 6 hours
- ASTP 1090 - Composites & Bonded Structures Credit: 6 hours
- ASTP 1104 - Struct. Layout, Fabrication, & Sealants Credit: 6 hours
- ASTP 1112 - Aircraft Metallurgy & Corrosion Cont. Credit: 6 hours
- ASTP 1158 - Tech. Pubs. & Aero. Quality Control Credit: 3 hours

Total Hours: 39
Provide a brief rationale for this program modification. For example, does it reflect updated disciplinary content? Does it align the program with state or national norms? Does it promote progression?

This change better aligns the program with industry standards.