Middle Georgia State College
New Track, Minor, or Certificate Proposal Form

Instructions: All track, minor, or certificate proposals must be signed by the Chair and Dean and submitted to the Vice President for Academic Affairs.

Faculty Initiating Request: Dusty Lowery
Submission Date: 11 August 2015

Department/School: UAS / School of Aviation

Proposed Addition: ☐ Track  ☐ Minor  ☐ Certificate  Effective Date: Spring 2016

Program Title: UAS Operator Certificate

Track Degree Program (if applicable):

Provide a description of the new Track, Minor, or Certificate course exactly as it will appear in the catalog.

Unmanned Aerial Systems Operator

Major Requirements Credit: 39 hours 32 hours

- AERO 3001 Unmanned Aerial Systems Concepts Credit: 3 hours 2 hours
- AERO 3001L Unmanned Aerial Systems Concepts Lab Credit: 3 hours
- AERO 3011 Unmanned Aerial Systems Regulations Credit: 3 hours 2 hours
- AERO 3011L Unmanned Aerial Systems Regulations Lab Credit: 3 hours
- AERO 4021 Unmanned Aerial Systems Platform and System Development Credit: 3 hours
- AERO 4021L Unmanned Aerial Systems Platform and System Development Lab Credit: 3 hours 2 hours
- AERO 4031 Unmanned Aerial Systems Flight Operations Credit: 3 hours
- AERO 4031L Unmanned Aerial Systems Flight Operations Lab Credit: 3 hours 2 hours
- AERO 2106 Private Pilot Ground School Credit: 3 hours
- ITEC 2215 Intro to Information Technology Credit: 3 hours

ASRP 1090 Composites and Bonded Structures 6 hours

Faculty Member

Date 9/4/15

Chair 9/4/15

Dean 9/4/15

Assistant Provost of Academic Planning & Policy 9/23/2015

Provost

Chair Academic Affairs Committee

Chair Faculty Senate
This UAS Operator Certificate is needed to meet industry demand for trained operators. This UAS program will serve the needs of a diverse population both within the region and nationwide.

Does this new track, minor, or certificate require new courses be added to the catalog?  ☑ Yes  ☐ No
(Attach course proposals)

Will the new track, minor, or certificate require new faculty lines or other institutional resources?  ☑ Yes  ☐ No

If yes, explain:

The UAS program will require:
Faculty:
1 An appropriately credentialed faculty member

Travel, Supplies, Equipment (including Tech needs): ($13,000–$17,800)
1 High Priority: Books & Resource materials to develop UAS courses $300.00
2 High Priority: Travel (related to meeting employers and academic partners, recruitment, internships, conferences, meetings, course development, conducting seminars/training) $6,800.00
3 High Priority: Equipment (UAS parts, components, support equipment, simulation software) $5,900.00
4 Intermediate Priority: (4) computer desktop systems with moderate capabilities (existing resources if available or appr $4,800.00 if purchased).
Space Needs or Other (Please put it in priority order):
1 Dedicated classroom or scheduled use of classroom/lab and nearby dedicated storage room.
2 Scheduled use of a computer lab.

For new minors:
Does the new minor adhere to BoR guidelines (http://www.usg.edu/academic_affairs_handbook/section2/C731/)?
☑ Yes  ☐ No  (Attach BoR minor notification form)

For new certificates:
Does the new certificate adhere to BoR guidelines (http://www.usg.edu/academic_programs/changes/certificates_guidelines)?
☑ Yes  ☐ No  (Attach BoR certificate notification form)