

**Supplemental Information
Course and Curriculum items
FS Academic Affairs Committee Review
September 6, 2016 Meeting**

College of Technology and Aviation (Polytechnic) (4-15-16)

NON-EXPEDITED UNDERGRADUATE CURRICULUM MODIFICATIONS:

Department of Aviation

Contact persons familiar with proposal:

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**CURRENT: ~~Avionics Maintenance~~
Technology Certificate (26 credit hours)**

Required Core Courses (20 hours)

AVM 111	Basic Aircraft Electricity*	4
AVM 162	Airframe Electrical Systems*	4
AVM 241	Navigational Aids and Communication Systems*	3
AVT 315	Advanced Avionics	3
AVT 317	Composites I	3
AVT 327	Avionics Repair	3

Elective Courses (6 hours):

AVT 316	AET and FCC Training	1
AVT 428	Avionics Installation	3
AVT 429	Avionics Maintenance	3
AVT 430	Advanced Avionics Installation	4

~~*Students with an FAA Airframe (A) Certificate may test out of courses.~~

**PROPOSED: Aviation Electronics Technology
Certificate (20 credit hours)**

Required Core Courses (13 hours)

AVM 305	Introduction to Aircraft Avionics and Instruments**	3
AVT 315	Advanced Avionics	3
AVT 327	Avionics Repair	3
ECET 100	Basic Electronics*	4

Elective Courses (7 hours):

Choose two:

AVT 330	Avionics Troubleshooting	4
AVT 429	Avionics Maintenance	3
AVT 430	Advanced Avionics Installation	4

*Students with an FAA Airframe (A) Certificate may test out of this course.

**Students with an FAA Airframe (A) Certificate or an FAA Private Pilot Certification may test out of this course.

RATIONALE:

The purpose of this change is to adjust the certificate to make it more in line with the adjustments with the Aviation Maintenance Management degree changes, and the cancelation of the Avionics Degree Program. These changes also make it more marketable to industry and allow students from varying degrees to add this certificate as the industry market is growing. UAS avionics technicians is an example of this growth.

IMPACT:

No impact on any other department.

EFFECTIVE DATE:

Spring 2017