

Avionics Certificate (AVONC)

Avionics Certificate (AVONC)

The Avionics Certificate provides advanced skills in aviation electronics for students who are FAA-certified aviation mechanics.

Students who complete the certificate successfully are able to troubleshoot and repair various systems in a flight-line environment, including onboard computers, automatic pilot, instrument navigation and communication equipment, and powerplant electronic control systems.

For more information, please contact the Center for Innovative Technologies at (513) 569-1743.

To apply for this program at Cincinnati State, visit our Admissions Page (<http://www.cincinnati.edu/academics/admission>)

Avionics Certificate (AVONC)

Semester 1		Lec	Lab Credits	
AMT 100	Aviation Standard Practices	4	6	6
AMT 105	Aircraft Orientation	2	5	4
AMT 110	Aircraft Electricity	3	3	4
AMT 115	Aircraft Weight and Balance	3	3	4
MAT 121	Technical Algebra and Geometry with Statistics	2	2	3
Semester 2				
AMT 140	Airframe Electrical Systems	4	4	6
AMT 150	Airframe Systems	3	3	4
AMT 155	Airframe Assembly and Rigging	3	4	5
PHY 115	Aviation Maintenance Physics	3	3	4
Semester 3				
AMT 271	Avionics 1	3	2	4
ENG 101	English Composition 1	3	0	3
Semester 4				
AMT 272	Avionics 2	3	2	4
Total Credits:		36	37	51

Faculty

Program Chair/Advisor

Professor James Schmid, FAA A&P, ME
james.schmid@cincinnati.edu

Co-op Coordinator

Professor Kimberly Richards, PhD
kimberly.richards@cincinnati.edu