

TRANSFER GUIDE

AAS Electronics & Electricians Transferring into BS Aviation Technologies

Illinois Valley Community College Courses			
AAS Electronics & Electricians – 68-70 hours			
ENG 1001-3	English Composition I	ELE 1206-2	Electrical Wiring
MTH 1003-4	College Algebra	ELT 2204-5	Digital/Micro: Principles & Applications
SPH 1001-3	Fundamentals of Speech	SDT 1203-1	Job Seeking Skills
ECN 1202-3	Fundamentals of Economics	ELT 2209-3	Electronics Tech Internship
PSY 1000-3	General Psychology	CSP 2200-3	PC Troubleshooting, Upgrade & Repair
ALH 1221-1	Industrial First Aid	ELE 1202-2.5	Motors and Controls I
CAD 1200-3	Computer Aided Draft 1 Auto CAD	ELE 1204-3	Programmable Logic Controllers I
ELE 1220-1	Electrical Safety	ELT 1200-2.5	Beginning Industrial Electronics
ELT 1204-5	Fundamentals of Electronics	ELT 1203-2.5	Motors and Controls II
ELT 2205-2	Prototype Design and Fabrication	ELT 1205-3	Programmable Logic Controllers II
ELT 2207-1	Instruments and Measurements	ELT 1203-2.5	Industrial Instrumentation
CAD 1203-2	Electronics Drafting	ELT 2254-3	Electrical Capstone
CSN 1225-3	Core Networking Technologies	Electives-1-3	
Southern Illinois University Carbondale Courses			
BS Aviation Technologies Aviation Electronics Specialization – 57 hours			
Elective-3	Physical Science	AVT 321-3	Radio Theory & Practice
Elective-3	Life Science	AVT 317-3	Intro to Aviation Electronics
Elective-3	Humanities	AVT 318-3	Aviation Electronics Control System
Elective-3	Fine Arts	AVT 405-3	Flight Management Systems
Elective-3	Multicultural	AVT 422-3	Aviation Radar Systems
AVT 310-5	Aircraft Electrical Systems	AVT 465-5	Digital Data & EFIS Lab
AVT 327-5	Aircraft Communication	Electives-12	Specialization 200/400
Total Hours to Bachelor Degree: 125-127 Hours			

Questions? Contact Us!

Salary Range: \$60,000-\$84,000

Possible Careers: Aircraft Mechanic
Engine Specialist
Inspector
Powerplant Mechanic
Air Frame Mechanic
Avionics Technician

Illinois Valley Community College

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Southern Illinois University Carbondale

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Baccalaureate Degree Requirements Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC). The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).