

AEROSPACE & AVIATION CAREER LADDER



Master's/Doctoral Degree



Aeronautical Engineers
Industrial Engineers

Electrical/Electronics Engineers
Systems Engineers

Advanced STEM Knowledge & Analytical Skills, Strategic Thinking, Organizational Planning, Advanced Leadership Skills



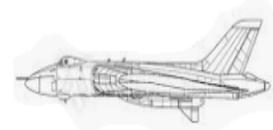
Bachelor's Degree
4 Years



Electronics Engineers
Materials Engineers
Cost Estimators
Aerospace Engineers
Logistics Management Specialists
Airline Pilots, Co-Pilots and Flight Engineers

Industrial Engineers
Systems Engineers
Software Developers
Electronics Engineers

Advanced STEM Knowledge & Analytical Skills, Strategic Thinking, Organizational Planning, Advanced Leadership Skills



Associate's Degree
2 Years



Electro-Mechanical Technicians
Composite Mechanics
Air Traffic Controllers
Mechanical Engineering Technicians
Industrial Machinery Mechanics
Aerospace Engineering & Operations Technicians

Sheet Metal Mechanics
Mechanical Drafters
Avionics Technicians

Design/Modeling, Mechanical/Electrical Intermediate & Troubleshooting Skills, Machine Maintenance, Leadership Skills, STEM & Analytical Skills, Complex Problem Solving Skills

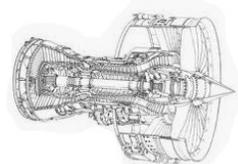


Full Certificate/Diploma
1-2 Years



Welders
Computer Numeric Controlled Machinists
Chemical Manufacturing & Control Specialist
Aircraft Mechanics & Service Technicians
Commercial Pilots

Problem Solving Skills, Blueprint & Schematics Reading, mechanical/Electrical Basic Skills



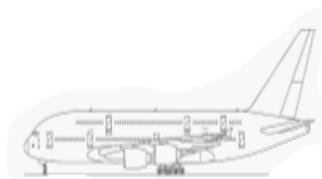
High School/GED



Assemblers
Airfield Operations Specialists
Handling Supervisors
Aircraft Structure, Surfaces, Rigging & Systems Aircraft Cargo

Quality Control Technicians
Painters

Workplace/Personal Effectiveness Skills, Academic Competencies, Multi-tasking & Organizational Skills, Attention to Detail, Mechanical Aptitude, Teamwork



Aerospace & Aviation
Pathways
Entry Point



Entry & Exit Points allow for seamless transfer of credits for stackable credentials.