

University of Liverpool / Northwestern Michigan College Articulation Agreement

Northwestern Michigan College (NMC) will award credit to students who have graduated from the following University of Liverpool degrees according to the conditions listed below. The credit will apply to NMC Associate of Applied Science Degree in Aviation.

University of Liverpool degrees:

- BEng Degree in Aerospace Engineering
- BEng Degree in Aerospace Engineering with Pilot Studies
- BEng (Hons) Degree in Aerospace Engineering
- BEng (Hons) Degree in Aerospace Engineering with Pilot Studies

These Degrees above are all Bachelor of Engineering Degrees at a higher level than the Associate of Applied Science Degree in Aviation at NMC

Following sets out the NMC AAS Degree in Aviation Courses and their London Metropolitan University core courses equivalent

NMC AAS Degree in Aviation Requirement:

Eng 111 & 112 English Composition
MTH 111
Humanities group 1 course
Science group 1 course with lab
Social Science group 1 course
AVG 101 Private Ground School
AVF 111 Private Flight
AVG 202 Advanced Aircraft Systems
AVG 204 Airline Aviation Ground School
AVG 240 Corporate Aviation Ground School

Total articulated credits possible: 41 credits

University of Liverpool Degree Equivalent:

Individual Research Project
Mathematics for Engineers
Design 1 & 2
Fluid Mechanics with Thermodynamics
Introduction to Management / Project Management
Pilot Studies 1
Pilot Studies 2 & 3
Avionics Systems Design and Aeroengines 1
Aircraft Design
Advanced Modern Management

The following general conditions and requirements will apply to any student requesting these transfer of credits:

Conditions / Requirements:

- 1) Enrolled as a full time student at NMC for a minimum of two semesters
- 2) Completes a minimum of 24 credits at NMC
- 3) Graduated with Ordinary Degree or better in one of the University of the West of England degree programs above
- 4) Credits requested within five years of completing University of the West of England degree
- 5) Private Flight and Ground credits will be granted upon award of an FAA Private Pilot License

Summary of all the Courses within the Aerospace Engineering Degree with Pilot Studies at Liverpool University

Year 1

Pilot Studies 1
Digital Electronics
Electrical Circuits
Fluid Mechanics with Thermodynamics
Design 1 & 2
Mathematics for Engineers
Introduction to Management

Year 2

Pilot Studies 2 & 3
Aeroengines 1
Aircraft Performance
Avionic Systems
Communication Systems
Design 3 & 4
Mathematics Engineering 2
Dynamic Systems
Project Management

Year 3

Aerodynamics
Flight Dynamics and Control
Aerostructures 2
Aircraft Design
Advanced Modern Management
Individual Project