

**List of Subjects Offered to Exchange/Short-term Non-local Study Students for Semester 1 (Fall) 2025/26**  
**Department of Aeronautical and Aviation Engineering (AAE)**

Subject Code	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
<a href="#">AAE2003</a>	INTRODUCTION TO AIRCRAFT SYSTEMS	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AAE2004</a>	INTRODUCTION TO AVIATION SYSTEM AND AIR TRANSPORT REGULATION	3	ALL	N/A	Y	Y	Y	Y
<a href="#">AAE3002</a>	AIRCRAFT STRUCTURES AND MATERIALS	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE3004</a>	DYNAMICAL SYSTEMS AND CONTROL	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE3008</a>	FUNDAMENTAL THERMAL-FLUID SCIENCE	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE3009</a>	OPERATIONS RESEARCH AND COMPUTATIONAL ANALYTICS IN AIR TRANSPORT OPERATIONS	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE3012</a>	AIR TRAFFIC MANAGEMENT AND AIRPORT OPERATIONS	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE4002</a>	CAPSTONE PROJECT	6	Dept	48403	N	N	N	Y
<a href="#">AAE4004</a>	AIRWORTHINESS AND REGULATIONS	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE4113</a>	AEROSPACE PROPULSION	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE4203</a>	GUIDANCE AND NAVIGATION	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE4902</a>	PILOT GROUND THEORY	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE4903</a>	HUMAN FACTORS IN AVIATION	3	ALL	N/A	N	N	Y	Y
<a href="#">AAE5001</a>	GUIDANCE, NAVIGATION AND ADVANCED AVIONICS SYSTEM	3	Dept	48403	N	N	N	Y
<a href="#">AAE5102</a>	OPERATIONS RESEARCH, RESOURCE PLANNING AND ENGINEERING MANAGEMENT IN AVIATION	3	Dept	48403	N	N	N	Y
<a href="#">AAE5103</a>	ARTIFICIAL INTELLIGENCE IN AVIATION INDUSTRY	3	Dept	48403	N	N	N	Y
<a href="#">AAE5105</a>	FLEET MANAGEMENT AND AVIATION SUSTAINABILITY	3	Dept	48403	N	N	N	Y
<a href="#">AAE5108</a>	FUTURE AIR MOBILITY AND LOW-ALTITUDE AIRSPACE MANAGEMENT	3	Dept	48403	N	N	N	Y
<a href="#">AAE5114</a>	AIRCRAFT LEASING MANAGEMENT	3	Dept	48403	N	N	N	Y
<a href="#">AAE5204</a>	AUTONOMOUS FLIGHT - MECHANICS AND CONTROL	3	Dept	48403	N	N	N	Y
<a href="#">AAE5207</a>	COMPRESSIBLE AERODYNAMICS	3	Dept	48403	N	N	N	Y
<a href="#">AAE5208</a>	SATELLITE ENGINEERING	3	Dept	48403	N	N	N	Y
<a href="#">AAE5210</a>	SPACE VEHICLE PROPULSION SYSTEMS	3	Dept	48403	N	N	N	Y
<a href="#">AAE5212</a>	ENGINEERING COMPUTATIONS AND MODELLING	3	Dept	48403	N	N	N	Y
<a href="#">AAE5301</a>	SERVICE DESIGN AND FLEET MANAGEMENT FOR LOW-ALTITUDE ECONOMY	3	Dept	48403	N	N	N	Y
<a href="#">AAE5304</a>	SAFETY, RELIABILITY AND AIRWORTHINESS REQUIREMENT FOR LOW ALTITUDE AERIAL VEHICLE	3	Dept	48403	N	N	N	Y
<a href="#">AAE5306</a>	ELECTRONICS DESIGN AND INFORMATICS FOR LOW-ALTITUDE ECONOMY	3	Dept	48403	N	N	N	Y

**Remarks:**

\* Eligible Student Type

'ALL' = open to all exchange/short-term non-local study students including those admitted to other departments

'Dept' = open to exchange/short-term non-local study students who are admitted to this department only

\*\* Limitation

'N/A' = open to all exchange/short-term non-local study students

'(programme code and/or stream code)' = only open to exchange/short-term non-local study students who are enrolled in specific discipline/stream/programme