

PROGRAMME SPECIFICATION

1. Key Information

Programme Title:	Aviation Management with Pilot Training
Awarding Institution:	Buckinghamshire New University
Teaching Institution(s):	Buckinghamshire New University
Subject Cluster:	Aviation
Award Title (including separate Pathway Award Titles where offered):	BSc (Hons) Aviation Management with Private Pilot Training in Aeroplanes BSc (Hons) Aviation Management with Private Pilot Training in Helicopters BSc (Hons) Aviation Management with Commercial Pilot Training in Aeroplanes BSc (Hons) Aviation Management with Commercial Pilot Training in Helicopters
Pathways (if applicable)	Aviation Management with Private Pilot Training in Aeroplanes Aviation Management with Private Pilot Training in Helicopters Aviation Management with Commercial Pilot Training in Aeroplanes Aviation Management with Commercial Pilot Training in Helicopters
FHEQ level of final award:	6
Other award titles available (exit qualifications):	Certificate of Higher Education Diploma of Higher Education BSc Aviation Management (relevant pathway)
Accreditation details:	N/A
Length of programme:	3 years
Mode(s) of Study:	Full time
Mode of Delivery:	In person (on-site) delivery
Language of study:	English
QAA Subject Benchmark(s):	Business and Management (2019)
Other external reference points (e.g. Apprenticeship Standard):	N/A
Course Code(s):	BSPTAVFT
UCAS Code(s):	
Approval date:	01/12/2022
Date of last update:	

2. Programme Summary

This programme is aimed at those who wish to develop the skills, knowledge and employability profile that will provide them with the opportunity to gain employment in the aviation industry. BNU is the leader in delivering aviation programmes with over 20 years of experience delivering degrees with pilot training, and there are hundreds of BNU graduates currently flying commercially. For those on the Commercial Pilot degree route, our graduates gain employment such as First Officers on commercial airlines, flight instructors and corporate pilots. For those on the Private Pilot route, the wider aviation knowledge combined with the pilot skills open up an array of opportunities, from working in the many ground roles in aviation to continuing on past graduation to complete a Commercial Pilot Licence in a longer period of time.

We have a strong focus on employability, and our training partners and professional connections give you the chance to immerse yourself in the industry. Our close proximity to Heathrow and other major UK airports - along with their suppliers - means you are perfectly placed for networking, seasonal jobs and work placements that are available.

At BNU, you will learn from skilled lecturers within the School of Aviation and Security who have a high level of working knowledge, based on industry experience. Their teaching will allow you to gain a deep insight into the latest trends and requirements in aviation.

As well as receiving top-class lectures and seminars, learners are also supported by personal tutors, module leaders and course leaders. In addition, guest speakers often deliver sessions for learners within the University to enrich their learning - previously we have welcomed speakers from TUI, British Airways, Ryanair and Gatwick Airport. With 20 years experience of delivering pilot degrees, we have a large alumni, with graduates flying for most of the major airlines around the world.

Flying licence elements: Year 1 incorporates full training for the issue of a Private Pilot Licence. Year 2 for those on the Commercial Pilot course covers the Air Transport Pilot Licence (ATPL) theoretical exams (UK CAA or EASA syllabus). **All flying elements are paid for by the learner and are not included in the degree programme fee.** The University works closely with a small number of flight training providers and offers full support and liaison for admittance to flight school. The programme is based on a modular approach to the licence. You need to complete the Private Pilot Licence in Year 1 as this is a regulatory prerequisite for admittance to an ATPL theory course. In addition to these two elements, you will also need to plan for additional hours and the commercial pilot rating (helicopter or aeroplane) and for fixed-wing pilots the instrument rating and multi-engine rating courses are pre-requisites for most airlines. **The cost of these extra elements is not covered within the University's degree fee.**

With the aviation industry ever changing, this programme is continuously adapted to meet these ongoing changes so you can be sure you're receiving up-to-date knowledge. You will complete the requirements for a full Honours degree alongside completing flight training and ground exams towards achieving your 'frozen' Air Transport Pilot Licence (fATPL) or Private Pilot Licence (PPL), depending on the route chosen. After you graduate, and having completed all remaining elements of your fATPL, you'll be able to apply for First Officer roles with commercial airlines, flight instructor roles or other commercial flying roles. "Frozen" ATPL refers to the fact that the licence holder has not yet logged the requisite flying hours (1500 hours as a pilot, 500 hours of which should be multi-crew experience). There are also many ground based roles that are open to our graduates. As part of your studies, you'll enjoy free membership of the Royal Aeronautical Society, the UK professional association dedicated to the aerospace and aviation industry. As a member, you will be able to

participate in a number of exciting industry events, including conferences, guest talks, learner competitions and networking opportunities. If you are interested in the military world, UK learners will be eligible to apply for a place in our regional University Air Squadron (part of the Royal Air Force) offering unique access to military flying and adventurous training. In addition to the above, learners can also benefit from free Air League memberships that enable you to apply for flying, gliding and engineering scholarships reducing the amount of your ATPL costs.

3. Programme Aims and Learning Outcomes

Programme Aims

This programme aims to:

1. Provide learners with a comprehensive grounding in the operational and management knowledge and skills required by employers in the aviation industry to enable them to act as effective leaders in a dynamic environment
2. Foster an environment which encourages the development of: critical awareness; the ability to challenge knowledge; relate theory to practice; undertake critical analysis and demonstrate powers of reasoning; problem-solving; synthesis; evaluation and research; adaptability; flexibility; and leadership qualities
3. Provide an inclusive, current and versatile curriculum of study which reflects the needs of professional pilots and managers in the aviation industry
4. Develop the confidence and academic skills of learners, enabling them to develop as active and autonomous learners and critical thinkers and to apply this in their professional roles
5. Enable graduates to meet the changing demands of management roles through acquisition and development of a wide range of personal and transferable skills required by employers in the aviation industry: self-reliance; reflection; creativity; interpersonal communication; teamwork and leadership qualities

Programme Learning Outcomes

Knowledge and Understanding (K)

On successful completion of the programme, you will be able to:

ID	Learning Outcome
K1	Demonstrate specialist knowledge and understanding of pilot theory and its application in order to obtain a pilot's licence at either Private Pilot (PPL) or Air Transport Pilot (ATPL) level.
K2	Distinguish the structure, systems of regulation and business models adopted by aviation operators.
K3	Identify ground service processes and interactions at airports as applied by operators in the aviation industry.
K4	Articulate specialist knowledge of the management and commercial operations of the aviation industry.

Analysis and Criticality (C)

On successful completion of the programme you will be able to:

ID	Learning Outcome
C1	Critique challenges and strategic options open to organisations in the aviation industry for stability, development, growth and consolidation.
C2	Appraise the interplay of environmental, ethical, social and economic effects and impacts arising from activities in the aviation industry.
C3	Evaluate, applying leadership and management theory in the context of the aviation industry.
C4	Analyse from a wide variety of sources relating to current and future developments, information in the aviation industry.
C5	Examine, extending a coherent body of knowledge in order to execute a sustained piece of independent work using appropriate media.

Application and Practice (P)

On successful completion of the programme you will be able to:

ID	Learning Outcome
P1	Apply the specialist knowledge and operational ability required to qualify as a fixed-wing or helicopter pilot.
P2	Demonstrate the practical ability required to obtain a Private Pilot Licence (PPL).
P3	Investigate the challenges confronting the aviation industry in the global context and the regulatory framework and strategies deployed to overcome such challenges.

Transferable skills and other attributes (T)

On successful completion of the programme you will be able to:

ID	Learning Outcome
T1	Evaluate the relationships between styles and approaches to leadership and management, and the organisation, structure and operation of companies.
T2	Demonstrate accurately established techniques of analysis and enquiry.
T3	Review critically current research and primary resources (for example, refereed research articles and or/original materials) appropriate to aviation.
T4	Analyse critically, evaluating arguments, assumptions, abstract concepts and data in relation to the aviation industry to make judgements, frame appropriate questions and propose solutions to problems.

Graduate Attributes

The BNU Graduate Attributes of: Knowledge and its application; Creativity; Social and ethical awareness and responsibility; and Leadership and self-development focus on the development of innovative leaders in professional and creative capacities, who are equipped to operate in the 21st Century labour market and make a positive impact as global citizens.

You should choose this award if you are seeking to study an exciting course, developed with input from industry professionals, which focuses on trends shaping the aviation industry, together with a Private Pilot Licence or Commercial Pilot Licence (frozen ATPL) (K1, P1-2). Enrolling on a management degree, in which pilot training forms a major element, is of benefit both to you and to your future aviation employers. From the learner's perspective,

employability skills are enhanced (K1-4, C2, C5, P1-2, T1-4). For aviation organisations, an understanding of the commercial and operational challenges facing the dynamically changing aviation industry are now an integral element of any employment interview.

Learners graduating from this programme will be highly employable in the aviation industry as commercial pilots once all elements of your training are complete (Commercial Pilot pathway (K1, P1-2)), or in the wider aviation industry (K2-4). Employment opportunities include: traditional, charter and low cost airlines; corporate flight operators; specialist helicopter operators; flight planning and operations; air cargo operations; airport operations; air data analyst; air traffic control, aircraft operations management. Although this is a specialised programme specific to the aviation industry, transferable skills include team work, communications, time management, critical thinking and enhanced decision-making (C1-3, C5, T1-4) . You may also decide to further your studies by undertaking a Masters degree.

4. Entry Requirements

The University's [general entry requirements](#) will apply to admission to this programme with the following additions / exceptions:

- A typical offer will require a UCAS tariff score of: 104 - 128
- You also need at least two A-levels and a GCSE Maths and English at grade C/4. Additionally some knowledge of science subjects would be an advantage.
- All learners will require at a minimum a CAA/(EASA) Class 2 Medical in order to undertake their PPL solo, those learners wishing to undertake Commercial Pilot training will need to gain a CAA/(EASA) Class 1 Medical prior to enrolling with their selected Approved Training Organisation (ATO). Further information on the requirements of Class 1 and 2 Medicals, including approved AME's, can be found on the CAA website.

If you do not meet the entry requirements you may, if you have relevant professional experience, still be invited for interview, where you will be required to demonstrate the necessary knowledge and understanding for entry onto the course.

Previous study, professional and / or vocational experiences may be recognised as the equivalent learning experience and permit exemption from studying certain modules in accordance with our [accreditation of prior learning](#) (APL) process.

5. Programme Structure

Pathway 1 – Commercial Pilot

Level	Modules (Code, Title and Credits)	Exit Awards
Level 4	<p>Core modules: ENG4001 Aviation Operations (20) ENG4002 Academic and Professional Skills (20) ENG4003 Fundamentals of Management (20) ENG4004 PPL Theory</p> <p><u>Aeroplane Pathway</u> ENG4005 PPL Flying Aeroplanes (20)</p> <p><u>Helicopter Pathway</u> ENG4022 PPL Flying Helicopters (20)</p> <p>Option modules: No option modules are available at this level.</p> <p>Opportunity modules: You must choose 2 x 10 credit Level 4 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/oppmodules</p>	<p>Certificate of Higher Education, awarded on achievement of 120 credits at Level 4</p>
Level 5	<p>Core modules: ENG5025 Research Methods and Academic Skills (20)</p> <p><u>Aeroplane Pathway – ATPL Theory</u> ENG5001 ATPL Theory 1 (Aeroplane) – Instrumentation and General Navigation (20) ENG5021 ATPL Theory 2 – Meteorology, Human Performance and Limitations and Mass and Balance (20) ENG5022 ATPL Theory 3 – Radio Navigation, Air Law and Communications (20) ENG5023 ATPL Theory 4 (Aeroplane) – Aircraft General Knowledge and Flight Planning and Flight Monitoring (20)</p>	<p>Diploma of Higher Education, awarded on achievement of 240 credits, including a minimum of 120 credits at Level 5</p>

	<p>ENG5024 ATPL Theory 5 (Aeroplane) – Operational Procedures, Principles of Flight and Performance (20)</p> <p><u>Helicopter Pathway – ATPL Theory</u> ENG5026 ATPL Theory 1 (Helicopter) – Instrumentation and General Navigation (20) ENG5021 ATPL Theory 2 – Meteorology, Human Performance and Limitations and Mass and Balance (20) ENG5022 ATPL Theory 3 – Radio Navigation, Air Law and Communications (20) ENG5027 ATPL Theory 4 (Helicopter) – Aircraft General Knowledge and Flight Planning and Flight Monitoring (20) ENG5028 ATPL Theory 5 (Helicopter) – Operational Procedures, Principles of Flight and Performance (20)</p> <p>Option modules: It is not possible to offer optional modules due to the specific professional elements required for this course.</p> <p>Opportunity modules: It is not possible to offer optional modules due to the specific professional elements required for this course.</p>	
<p>Level 6</p>	<p>Core modules: ENG6001 Sustainability and Ethics in Aviation (40) ENG6003 Operational Management in the Aviation Industry (20) ENG6005 The Aviation Business (20)</p> <p>Option modules: Choose modules to the total of 20 credits:</p> <p>ENG6004 Aviation Strategy and Financial Performance (20) ENG6006 Network Planning (20) ENG6007 Airline Assessment Preparation Course (20)</p>	<p>Ordinary Degree, awarded on achievement of 300 credits, including 60 credits at Level 6 and 120 credits at each of Levels 4 and 5</p> <p>Honours Degree, awarded on achievement of 360 credits, including 120 credits at each of Levels, 4, 5 and 6</p>

	ENG6008 Digital Technology and Innovation in Aviation (20)	
	Opportunity modules: No opportunity modules are available at this level.	

Please note: Not all option modules will necessarily be offered in any one year. Other option modules may also be introduced at a later stage enabling the programme to respond to changes in the subject area.

Pathway 2 – Private Pilot

Level	Modules (Code, Title and Credits)	Exit Awards
Level 4	Core modules: ENG4001 Aviation Operations (20) ENG4002 Academic and Professional Skills (20) ENG4003 Fundamentals of Management (20) ENG4004 PPL Theory (20) <u>Aeroplane Pathway</u> ENG4005 PPL Flying Aeroplanes (20) <u>Helicopter Pathway</u> ENG4022 PPL Flying Helicopters (20) Option modules: No option modules are available at this level. Opportunity modules: You must choose 2 x 10 credit Level 4 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/oppmodes	Certificate of Higher Education, awarded on achievement of 120 credits at Level 4
Level 5	Core modules: ENG5002 Aviation Economics (20) ENG5003 Aviation Marketing Research Methods (20) ENG5005 Human Factors in Aviation (20)	Diploma of Higher Education, awarded on achievement of 240 credits, including a minimum of 120 credits at Level 5

	<p>Option modules: Choose modules to the total of 20 credits:</p> <p>ENG5007 Project Management (20) ENG5008 Aviation Safety and Crisis Management (20) ENG5009 Aviation Logistics and Cargo (20)</p> <p>Opportunity modules: You must choose 2 x 10 credit Level 4 Opportunity modules from the Opportunity module catalogue www.bnu.ac.uk/oppmodules</p>	
<p>Level 6</p>	<p>Core modules: ENG6001 Sustainability and Ethics in Aviation (20) ENG6002 Extended Independent Work (40) ENG6003 Operational Management in the Aviation Industry (20) ENG6005 The Aviation Business (20)</p> <p>Option modules: Choose modules to the total of 20 credits:</p> <p>ENG6004 Aviation Strategy and Financial Performance (20) ENG6006 Network Planning (20) ENG6007 Airline Assessment Preparation Course (20) ENG6008 Digital Technology and Innovation in Aviation (20)</p> <p>Opportunity modules: No Opportunity modules are available at this level.</p>	<p>Ordinary Degree, awarded on achievement of 300 credits, including 60 credits at Level 6 and 120 credits at each of Levels 4 and 5</p> <p>Honours Degree, awarded on achievement of 360 credits, including 120 credits at each of Levels, 4, 5 and 6</p>

6. Learning, Teaching and Assessment

Learning and teaching

Teaching methods and situations are appropriate and supportive, inclusive in design and engage learners. They take account of the diverse learning and teaching cultures that you may have experienced and provide opportunities for you to understand and appreciate the global context in which you will be operating. They may include face-to-face or blended learning and make good use of supporting technology to aid student learning. Irrespective of mode of delivery, teaching on this programme includes some combination of:

- lectures
- seminars
- workshops
- work-based learning
- employer or organisation-based case studies
- guest speakers
- live or 'real world' projects
- guided learning
- simulations
- practicals
- discussion groups
- virtual forums

Our approach supports you in undertaking your ongoing academic modules alongside support for the flying elements (theory and practical). Personal Tutoring focuses on the balance between these elements, and includes learners being signposted to BNU central services such as Student Learning and Achievement and Counselling.

Guest speaker inputs from a range of expert professional practitioners provide a valuable additional learning experience and operational insight. There is emphasis on guided learning with an aim for you to learn the skill of being self-directed through recommended reading and later independent research as you progress through your programme at level 5 and 6. The extended independent work carried out during Year 3 is supported by theoretical module work as well as individual supervisors for each learner.

You are regularly invited to evaluate your learning and ongoing representation of the student voice is valued at all levels. BNU has a highly active Student Union who engage constructively with the programme team.

The team are mindful that some of the material and scenarios used as part of the indicative content whilst being authentic and inclusive can also include sensitive, challenging information that can be difficult or emotive for some learners. They are mindful of BNU services that learners can be signposted to, should they show signs of distress or require additional support, Staff and learners work with a BNU 'learning agreement' promoting mutual dignity, courtesy and respect.

Assessment

Assessments are authentic, inclusive in design and develop skills. They may include coursework, presentations, learning journals, simulation, examinations, dissertations and projects. Assessment is designed to provide opportunities to learn through formative assessment and feedback, and to support learning from level to level.

Contact Hours

Modules are delivered through a combination of:

Workshops or lectures supported by seminars which are typically semi-structured and interactive in their nature and may include formative exercises such as:

- Research based activities
- Classroom based discussion
- Individual tutorials

7. Programme Regulations

This programme will be subject to the following [Undergraduate Assessment Regulations](#)

8. Support for learners

The following systems are in place to support you to be successful with your studies:

- The appointment of a personal tutor to support you through your programme
- A programme handbook and induction at the beginning of your studies
- Library resources, include access to books, journals and databases - many of which are available in electronic format – and support from trained library staff
- Access to Blackboard, our Virtual Learning Environment (VLE), which is accessible via PC, laptop, tablet or mobile device
- Access to the MyBNU portal where you can access all University systems, information and news, record your attendance at sessions, and access your personalised timetable
- Academic Registry staff providing general guidance on University regulations, exams, and other aspects of students and course administration
- Central student services, including teams supporting academic skills development, career success, student finance, accommodation, chaplaincy, disability and counselling
- Support from the Bucks Students' Union, including the Students' Union Advice Centre which offers free and confidential advice on University processes.

9. Programme monitoring and review

BNU has a number of ways for monitoring and reviewing the quality of learning and teaching on your programme. You will be able to comment on the content of their programme via the following feedback mechanisms:

- Formal feedback questionnaires and anonymous module 'check-ins'
- Participation in external surveys
- Programme Committees, via appointed student representatives
- Informal feedback to your programme leader

Quality and standards on each programme are assured via the following mechanisms:

- An initial event to approve the programme for delivery
- An annual report submitted by the External Examiner following a process of external moderation of work submitted for assessment
- The Annual Monitoring process, which is overseen by the University's Education Committee
- Review by the relevant PSRB(s)
- Periodic Subject Review events held every five years

- Other sector compliance and review mechanisms

10. Internal and external reference points

Design and development of this programme has been informed by the following internal and external reference points:

- The Framework for Higher Education Qualifications (FHEQ)
- The QAA Subject Benchmark Statement for Business and Management (2019) – see detailed mapping below
- The BNU Qualifications and Credit Framework
- The BNU Grading Descriptors
- The University Strategy

Mapping of Subject Benchmark Statement and any relevant Apprenticeship Standard to Programme Learning Outcomes

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Markets: the development, access and operation of markets for resources, goods and services.		X		X		X			X								X	X	X	
Marketing and sales: different approaches for segmentation, targeting, positioning generating sales and the need for innovation in product and service design.		X		X			X	X	X									X		
Customers: management of customer expectations, relationships and development of service excellence.			X	X			X	X	X				X				X	X	X	
Finance: the sources, uses and management of finance and the use of accounting and other information systems for				X		X	X	X	X				X			X	X	X	X	

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
planning, control, decision-making and managing financial risk.																				
People: leadership, management and development of people and organisations, including the implications of the legal context.				X		X	X	X	X							X	X	X	X	
Organisational behaviour: design, development of organisations, including cross-cultural issues, change, diversity and values.		X		X			X	X					X			X	X	X	X	
Operations: the management of resources, the supply chain, procurement, logistics, outsourcing and quality systems.			X	X		X	X	X	X				X							
Information systems and business intelligence: the development, management, application and implementation of information systems and				X			X		X				X				X	X	X	

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
their impact upon organisations.																				
Communications: the comprehension and use of relevant communications for application in business and management, including the use of digital tools.			X	X		X		X	X											
Digital business: the development of strategic priorities to deliver business at speed in an environment where digital technology has reshaped traditional revenue and business models.			X	X					X				X			X	X	X	X	
Business policy and strategy: the development of appropriate policies and strategies within a changing environment to meet stakeholder interests, and the use of risk management techniques and business continuity planning to help		X		X		X	X		X				X				X	X	X	

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
maximise achievement of strategic objectives.																				
Business innovation and enterprise development: taking innovative business ideas to create new products, services or organisations, including the identification of intellectual property and appreciation of its value.				X		X	X		X				X				X	X	X	X
Social responsibility: the need for individuals and organisations to manage responsibly and behave ethically in relation to social, cultural, economic and environmental issues.				X			X						X				X	X	X	
<i>Graduates should be able to demonstrate a range of cognitive and intellectual skills together with competencies specific to business and management. Graduates should also be able to</i>																				

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
<i>demonstrate relevant personal and interpersonal skills. These include both subject-specific and generic skills:</i>																				
People management: to include communications, team building, leadership and motivating others.				X			X	X					X			X				
Problem-solving and critical analysis: analysing facts and circumstances to determine the cause of a problem and identifying and selecting appropriate solutions.													X				X	X	X	
Research: the ability to analyse and evaluate a range of business data, sources of information and appropriate methodologies, which includes the need for strong digital literacy, and to use that research for evidence-based decision-making.									X	X			X				X	X	X	

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Commercial acumen: based on an awareness of the key drivers for business success, causes of failure and the importance of providing customer satisfaction and building customer loyalty.						X	X	X	X								X	X	X	
Innovation, creativity and enterprise: the ability to act entrepreneurially to generate, develop and communicate ideas, manage and exploit intellectual property, gain support, and deliver successful outcomes.						X	X	X	X								X	X	X	
Numeracy: the use of quantitative skills to manipulate data, evaluate, estimate and model business problems, functions and phenomena.				X		X											X	X	X	
Networking: an awareness of the interpersonal skills of effective listening,				X				X								X				

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
negotiating, persuasion and presentation and their use in generating business contacts.																				
GENERIC SKILLS AND ATTRIBUTES																				
Ability to work collaboratively both internally and with external customers and an awareness of mutual interdependence.							X	X								X				
Ability to work with people from a range of cultures.							X									X				
Articulating and effectively explaining information.								X								X			X	
Building and maintaining relationships.							X									X				
Communication and listening, including the ability to produce clear, structured business communications in a variety of media.								X								X			X	
Emotional intelligence and empathy.							X	X												

Subject Benchmark Statement / Apprenticeship Standard:	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Conceptual and critical thinking, analysis, synthesis and evaluation.																	X	X	X	
Self-management: a readiness to accept responsibility and flexibility, to be resilient, self-starting and appropriately assertive, to plan, organise and manage time.				X				X								X				
Self-reflection: self-analysis and an awareness/sensitivity to diversity in terms of people and cultures. This includes a continuing appetite for development.							X	X								X				

Mapping of Programme Learning Outcomes to Modules

Pathway – Commercial Pilot

Programme Learning Outcome - Commercial	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Level 4																				
Aviation Operations		X	X	X									X			X				
Academic and Professional Skills																	X	X	X	
Fundamentals of Management		X		X				X								X				
PPL Theory	X										X	X								
PPL Flying	X										X	X								
Level 5 - Commercial																				
Research Methods and Academic Skills	X			X					X											
ATPL Theory	X								X		X									
Level 6																				
Sustainability and Ethics in Aviation		X		X			X	X					X				X	X	X	
Extended Independent Work								X	X	X							X	X	X	

Programme Learning Outcome - Commercial	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
Module Code (Core)	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Operational Management in the Aviation Industry		X	X	X		X	X	X					X			X	X	X	X	
The Aviation Business		X		X				X	X				X			X	X	X	X	

Programme Learning Outcome - Private	Knowledge and understanding (K)					Analysis and Criticality (C)					Application and Practice (P)					Transferable skills and other attributes (T)				
Module Code (Core)	K1	K2	K3	K4	K5	C1	C2	C3	C4	C5	P1	P2	P3	P4	P5	T1	T2	T3	T4	T5
Level 4																				
Aviation Operations		X	X	X									X			X				
Academic and Professional Skills																	X	X	X	
Fundamentals of Management		X		X				X								X				
PPL Theory	X										X	X								
PPL Flying											X	X								
Level 5 – Private Pilot																				
Aviation Economics		X		X		X		X												
Aviation Marketing				X			X												X	
Research Methods																	X	X		
Human Factors			X	X			X									X		X	X	
Level 6																				
Sustainability and Ethics in Aviation		X		X			X	X					X				X	X	X	

Extended Independent Work								X	X	X							X	X	X		
Operational Management in the Aviation Industry		X	X	X		X	X	X					X				X	X	X	X	
The Aviation Business		X		X				X	X				X				X	X	X	X	