

| | | |
|--|--|---|
| Module Title: | Flight Planning | |
| Language of Instruction: | English | |
| Credits: | 10 | |
| NFQ Level: | 7 | |
| Module Delivered In | 1 programme(s) | |
| Teaching & Learning Strategies: | This module will be taught by class lectures, class discussions and self-directed learning | |
| Module Aim: | The aim of this module is to provide the student with the skills to produce an operational flight plan taking in to consideration all safety procedures, air traffic services and meteorological conditions. | |
| Learning Outcomes | | |
| On successful completion of this module the learner should be able to: | | |
| LO1 | Prepare operational flight plans | |
| LO2 | Use and interpret the various charts for the optimum route(s) and flight levels | |
| LO3 | Compile the required Air Traffic Service form | |
| LO4 | Discuss Extended range operations | |
| Pre-requisite learning | | |
| Module Recommendations | | |
| This is prior learning (or a practical skill) that is recommended before enrolment in this module. | | |
| 7583 | MATH H1S01 | Maths Principles for Flight Dispatchers |
| 7584 | AVIA H3S34 | Flight Monitoring |
| 7585 | AVIA H2S22 | Introduction to Aviation Navigation |
| Incompatible Modules | | |
| These are modules which have learning outcomes that are too similar to the learning outcomes of this module. | | |
| No incompatible modules listed | | |
| Co-requisite Modules | | |
| No Co-requisite modules listed | | |
| Requirements | | |
| This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. | | |
| No requirements listed | | |

Module Content & Assessment

| |
|--|
| Indicative Content |
| International Civil Aviation (ICAO) Annex 2 Rules of the Air, Annex 4 Charts, Annex 9 Facilitation, Annex 10 Aeronautical Telecommunications, Annex 11 Air Traffic Services |
| Legal requirements of the operational flight plan National and international legislation |
| VFR and IFR Definitions; Uses; responsibilities for use of VFR and IFR |
| ATC Operational Flight Form The layout of an operational flight plan; Analysis of information required for an operational flight plan; Compiling an operational flight plan using the required charts; Repetitive flight plan, Use of a repetitive flight plan system. |

| Assessment Breakdown | % |
|-----------------------|---------|
| Continuous Assessment | 100.00% |

| Continuous Assessment | | | | |
|-----------------------|---|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Project | Project will assess all learning outcomes | 1,2,3,4 | 100.00 | Sem 1 End |

No Project

No Practical

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Part Time | | |
|----------------------------|------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | Per Semester | 1.60 |
| Independent Learning Time | Per Semester | 8.40 |
| Total Hours | | 250.00 |

Module Delivered In

| Programme Code | Programme | Semester | Delivery |
|----------------|--|----------|-----------|
| CW_BSFOP_D | Bachelor of Science in Flight Operations | 3 | Mandatory |