# PILO H3623: Multi Engine Piston Class Rating

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| **Module Title:** | Multi Engine Piston Class Rating |
| **Language of Instruction:** | English |

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| **Credits:** | 5 |

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| **NFQ Level:** | 7 |

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| **Module Delivered In** | 1 programme(s) |

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| **Teaching & Learning Strategies:** | This module will be delivered by an EASA approved training organisation. |

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| **Module Aim:** | The aim of this module is to prepare the student to obtain a multi-engine rating. The transition from a single to a multi-engine airplane requires a special care since the students are suddenly exposed to an airplane with increased performance capabilities, compared to most single-engine airplanes and with more complex procedures and instrument's panel. |

| **Learning Outcomes** | |
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| *On successful completion of this module the learner should be able to:* | |
| LO1 | Describe the distinctive features of multi-engine flight such as asymmetrical power in different phases of the flight, take off planning, flight profile and other manoeuvres. |

| **Pre-requisite learning** |
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| ***Module Recommendations***<br>*This is prior learning (or a practical skill) that is recommended before enrolment in this module.* |
| No recommendations listed |
| ***Incompatible Modules***<br>*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***<br>*This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.* |
| No requirements listed |

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## Module Content & Assessment

| Indicative Content |
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| **Multi-engine familiarisation**<br>Cockpit Familiarisation, Procedures, Checklists |
| **Multi-engine flight familiarisation**<br>Turns, Climbing, Descending, Stall entries with various configurations, Normal/Crosswind takeoff, Emergencies, Assymmetrical power, critical engine |
| **Navigation**<br>ADF, VOR, DME, GPS, ILS, Instrument Flight Terminal Area |

| Assessment Breakdown | % |
|---|---|
| Practical | 100.00% |

No Continuous Assessment

No Project

| Practical | | | | |
|---|---|---|---|---|
| *Assessment Type* | *Assessment Description* | *Outcome addressed* | *% of total* | *Assessment Date* |
| Practical/Skills Evaluation | Practical Test | 1 | 100.00 | n/a |

No End of Module Formal Examination

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

## Module Workload

## Module Delivered In

| Programme Code | Programme | Semester | Delivery |
|---|---|---|---|
| CW_EEPLT_D | Bachelor of Science in Pilot Studies | 5 | Group Elective 1 |