

Module Specification

Module Summary Information

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| 1 | Module Title | Production Techniques |
| 2 | Module Credits | 40 |
| 3 | Module Level | 4 |
| 4 | Module Code | HOR4011 |

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| 5 | Module Overview |
| <p>Professional horologists have a highly developed sense of precision and accuracy. This module is designed to develop your craft skills in design, manufacture and fabrication whilst acquiring an appreciation for the “pursuit of excellence” expected by the horological industry.</p> <p>Through practice, investigation and evaluation you will develop your technical ability which will increase your employability. This module will also help you to develop key transferrable project management qualities ranging from personal motivation and scheduling skills to risk management and project recovery.</p> <p>Taught through a series of lectures, demonstrations and one to one tutorials this module begins to make you work ready by developing an understanding of the professional skillset appreciated by industry in line with the practise led, knowledge applied approach of the course as a whole.</p> | |

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| 6 | Indicative Content |
| <ul style="list-style-type: none"> • Introduction to module, learning diaries tools and workshop safety. • The application of excellence. Tolerance and finish. Interpreting a design drawing. Marking out and filing square. • Introduction to the watch maker's lathe. Preparation and use of hand gravers. • Discuss various on line presentations • Drilling and tapping demonstration. Drilling in the lathe. • Soldering: Hard and soft. Make a wax chuck. • Filing a square on a round bar. • Finishing brass and steel. | |

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| 7 | Module Learning Outcomes |
| On successful completion of the module, students will be able to: | |
| | 1 Apply theory to the production of horological objects. |
| | 2 Reflect upon the development of relevant practical horological skills. |

| 8 | Module Assessment | | |
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| Learning Outcome | | | |
| | Coursework | Exam | In-Person |
| 1 | X | | |
| 2 | X | | |

| 9 | Breakdown Learning and Teaching Activities | |
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| Learning Activities | Hours | |
| Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable | 120 | |
| Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE | 200 | |
| Private Study (PS) includes preparation for exams | 80 | |
| Total Study Hours: | 400 | |