

## Module Specification

### Module Summary Information

1	<b>Module Title</b>	Introduction to Horology
2	<b>Module Credits</b>	20
3	<b>Module Level</b>	4
4	<b>Module Code</b>	HOR4010

5	<b>Module Overview</b>
<p>Horology is often described as an “Art and a Science”. This module is an introduction to the story of horology and its part in global civilisation from the pre-historic to the modern era and will help you contextualise your practice.</p> <p>This module will provide fundamental “knowledge and understanding” of the principles of horology through a series of lectures, exercises, and assignments which will help you begin to develop your skill of critical analysis, essential for you future studies.</p> <p>The module will be taught through a series of lectures, demonstrations and tutorials providing an active approach to formative learning, and where relevant incorporating opportunities for interdisciplinary approaches to problem solving. Staff will support you via formative feedback sessions in response to work undertaken under both tutor-guided and self-guided study, leading you to a final summative assessment submission. You will also develop essential academic communication skills by presenting your assignments in different formats.</p>	

6	<b>Indicative Content</b>
<p><b>Topic One</b> (3 weeks) Pre-historic timekeeping Astronomical Observations and Instruments</p> <p><b>Topic Two</b> (3 weeks) Mechanised timekeeping Early escapements The pendulum vs the balance and spring Longitude</p> <p><b>Topic Three</b> (3 weeks) Modern Horology Electrical and Horology</p>	

7	<b>Module Learning Outcomes</b>
<b>On successful completion of the module, students will be able to:</b>	
	1 To summarise the underlying concepts of horology.
	2 To demonstrate research of important horological developments.

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

9	Breakdown Learning and Teaching Activities	
Learning Activities	Hours	
<b>Scheduled Learning (SL)</b> includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	40	
<b>Directed Learning (DL)</b> includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	120	
<b>Private Study (PS)</b> includes preparation for exams	40	
<b>Total Study Hours:</b>	200	