

## UNIVERSITY OF PLYMOUTH MODULE RECORD

**SECTION A: DEFINITIVE MODULE RECORD. *Proposed changes must be submitted via Faculty/AP Quality Procedures for approval and issue of new module code.*****MODULE CODE:** EHYD204B**MODULE TITLE:** Practical Techniques in Hydrography 2**CREDITS:** 20**FHEQ LEVEL:** 5**HECOS CODE(S):** F720**PRE-REQUISITES:** None**CO-REQUISITES:** None**COMPENSATABLE:** Y**SHORT MODULE DESCRIPTOR:**

This module will enable students to undertake hydrographic survey tasks on a variety of scales using commonly available survey equipment. A significant amount of applied survey work will be undertaken allowing the development of skills in operational hydrography together with data processing and presentation using industry standard software.

ELEMENTS OF ASSESSMENT					
<b>E1</b> (Examination)	N/A	<b>C1</b> (Coursework)	100%	<b>P1</b> (Practical)	Pass/Fail
<b>E2</b> (Clinical Examination)	N/A	<b>A1</b> (Generic assessment)	N/A		
<b>T1</b> (Test)	N/A	<b>O1</b> (online open book assessment)	N/A		

**SUBJECT ASSESSMENT PANEL to which module should be linked:** MLA**Professional body minimum pass mark requirement:** N/A**MODULE AIMS:**

This module aims to enable the student to undertake effective hydrographic survey work as an individual and as part of a small team. Students will undertake a series of evolutions including the conduct of survey tasks in a real environment, acquiring, processing and presenting collected data using relevant techniques.

**ASSESSED LEARNING OUTCOMES:** additional guidance below; please refer to the Programme Specification for relevant Programme Intended Learning Outcomes.

At the end of the module the learner will be expected to be able to:

Assessed Module Learning Outcomes (ALOs)	Programme Intended Learning Outcomes (PILOs) contributed to
1. Use appropriate survey equipment effectively for a variety of survey tasks paying due regard to the equipment limitations	A fundamental practical understanding of the equipment and processes used to conduct hydrographic surveys and the analysis and reporting of related data
2. Conduct hydrographic surveys to required standards working as part of a small team	Work effectively as part of a small hydrographic survey team and be able to manage basic planning
3. Employ appropriate techniques to analyse, process and present the data collected	Critically analyse marine environmental information to support optimum use of hydrographic equipment

<b>DATE OF APPROVAL:</b> 25/01/2018	<b>FACULTY/OFFICE:</b> Academic Partnerships
<b>DATE OF IMPLEMENTATION:</b> 25/01/2018	<b>SCHOOL/PARTNER:</b> MLA College
<b>DATE(S) OF APPROVED CHANGE:</b> 25/01/2018	<b>SEMESTER:</b> AY
<b>MODE OF DELIVERY:</b> distance learning	
<p>Notes:</p> <p>The previous version of this module had a presentation included within the C1 element of assessment. This new module record pulls the presentation into P1 and attributes it as a pass/fail assessment only. This module provides that amendment to the previously coded EHYD204a (May 2015, Ross Pomeroy) This amendment removes the maths examination and places assessment of mathematics into the coursework element, encouraging cooperation and teamwork. The emphasis is more correctly directed at applied techniques rather than practical descriptors which are more appropriate for training courses.</p>	

### **Additional Guidance for Learning Outcomes:**

**To ensure that the module is pitched at the right level check your intended learning outcomes against the following nationally agreed standards**

- Framework for Higher Education Qualifications  
<http://www.qaa.ac.uk/docs/qaa/quality-code/qualifications-frameworks.pdf>
- Subject benchmark statements <https://www.qaa.ac.uk/quality-code/subject-benchmark-statements>
- Professional, regulatory and statutory (PSRB) accreditation requirements (where necessary e.g. health and social care, medicine, engineering, psychology, architecture, teaching, law)
- QAA Quality Code <https://www.qaa.ac.uk/quality-code>

**SECTION B: DETAILS OF TEACHING, LEARNING AND ASSESSMENT**

Items in this section must be considered annually and amended as appropriate, in conjunction with the Module Review Process. Some parts of this page may be used in the KIS return and published on the extranet as a guide for prospective students. Further details for current students should be provided in module guidance notes.

**ACADEMIC YEAR: 2022-23****MODULE LEADER: Dr Jaimie Cross****NATIONAL COST CENTRE: 111****OTHER MODULE STAFF: Dr Carlos Martins****Summary of Module Content:**

Setting up and calibrating equipment. Conduct of detailed survey tasks using positioning equipment and acoustic sensors. Processing and presentation of data using industry-standard software packages.

<b>SUMMARY OF TEACHING AND LEARNING [Use HESA KIS definitions]</b>		
<b>Scheduled Activities</b>	<b>Hours</b>	<b>Comments/Additional Information (briefly explain activities, including formative assessment opportunities)</b>
Scheduled: Online Lectures	50	Indicative figures for distance learning practical preparation and planning
Scheduled: Classroom lectures; Teaching sessions ashore and afloat	70	Mathematics, safety, teamwork and survey techniques using a range of survey equipment in an applied environment. Including assessed practical competencies and skills
Independent	80	Reading and summative assessment preparation
<b>Total</b>	<b>200</b>	<b>(NB: 1 credit = 10 hours of learning; 10 credits = 100 hours, etc.)</b>

**SUMMATIVE ASSESSMENT**

<b>Element Category</b>	<b>Component Name</b>	<b>Component Weighting</b>
Written exam	N/A	N/A
Test	N/A	N/A
Coursework	Individual final report	100%
Practical	Group presentation	Pass/Fail
	Practical competencies	Pass/Fail
Clinical Examination	N/A	N/A
Generic Assessment	N/A	N/A
Online open book assessment	N/A	N/A

**REFERRAL ASSESSMENT**

<b>Element Category</b>	<b>Component Name</b>	<b>Component Weighting</b>
Written exam	N/A	N/A
Coursework (in lieu of the original assessment)	Individual final report	100%
Coursework	N/A	N/A
Practical	Group presentation	Pass/Fail
	Practical competencies	Pass/Fail
Clinical Examination	N/A	N/A
Generic Assessment	N/A	N/A
Test	N/A	N/A
Online Open Book Assessment	N/A	N/A

**To be completed when presented for Minor Change approval and/or annually updated****Updated by:** Jaimie Cross**Date:** 25/01/2018**Approved by:** Ross Pomeroy**Date:** 25/01/2018