

# Degrees of success: Meeting professional standards through distance e-learning

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# Education – An industry problem?

- Education requirement
- A remote, deployed workforce
- Huge cost associated with residential training





**DISTANCE  
LEARNING  
WITH  
PLYMOUTH  
UNIVERSITY**

**MARINE  
SCIENCE  
& ENGINEERING  
WITH  
PLYMOUTH  
UNIVERSITY**



**ACADEMIA**

**ROYAL NAVY**

**INDUSTRY**



**EDUCATIONAL  
EXCELLENCE**



**APPLIED  
RESEARCH**

- Total Learning Package contained on a USB stick
- Need for an internet connection?
- Tutor support
- Online discussion area
- Provision of books/journals?



**The TLP!**

### Offline materials

- Module home
- Meet the team & welcome pack
- Syllabus & assessment
- Week 1
- Week 2 - 3
- Week 4 - 5
- Week 6 - 8
- My portfolio
- Your feedback: video diary
- Technical requirements
- Study help
- FAQ
- List of resources

### Online materials (University login required)

- My module at Plymouth
- Discussion area
- Tutor support
- Electronic library
- Student Portal

## WELCOME



### Meet the team & welcome pack

Welcome, please watch these videos and read through your virtual welcome pack before exploring any further.



### Technical requirements

What you will need to view the content effectively on your system.



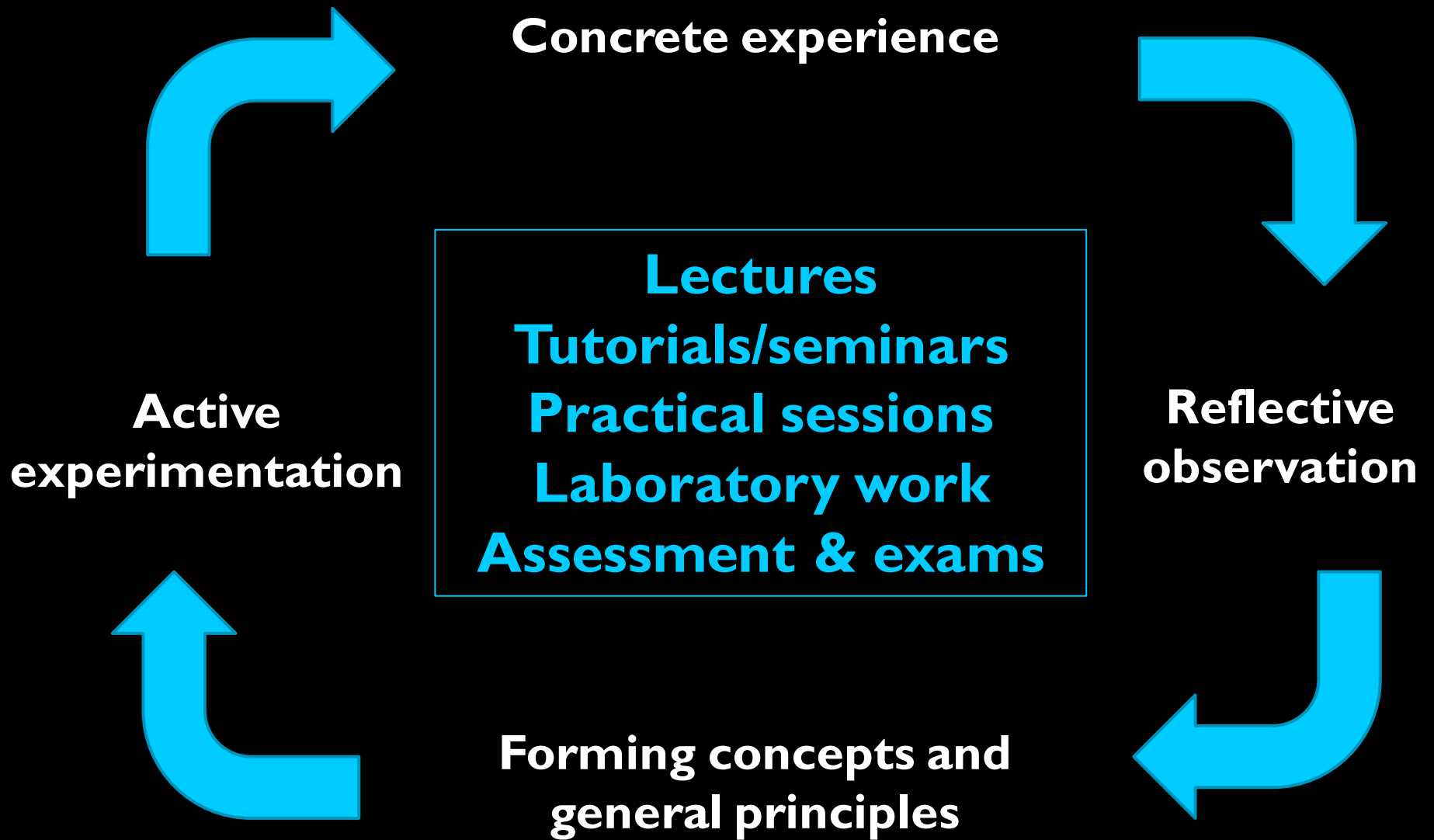
### The syllabus & assessment

Full course contents



### List of resources

Full list of video tutorials and documents for this course.



The learning cycle, after Kolb et al., 1984.

# The full time residential student

- Lectures
- Tutorials
- Practical sessions ashore
- Boat work
- Laboratory work – processing and visualisation
- Assessment

# The distance e-learning student

- Lectures
- Tutorials
- Practical sessions ashore
- Boat work
- Laboratory work – processing and visualisation
- Assessment



Blended learning



# DipHE HYDROGRAPHY FOR PROFESSIONALS

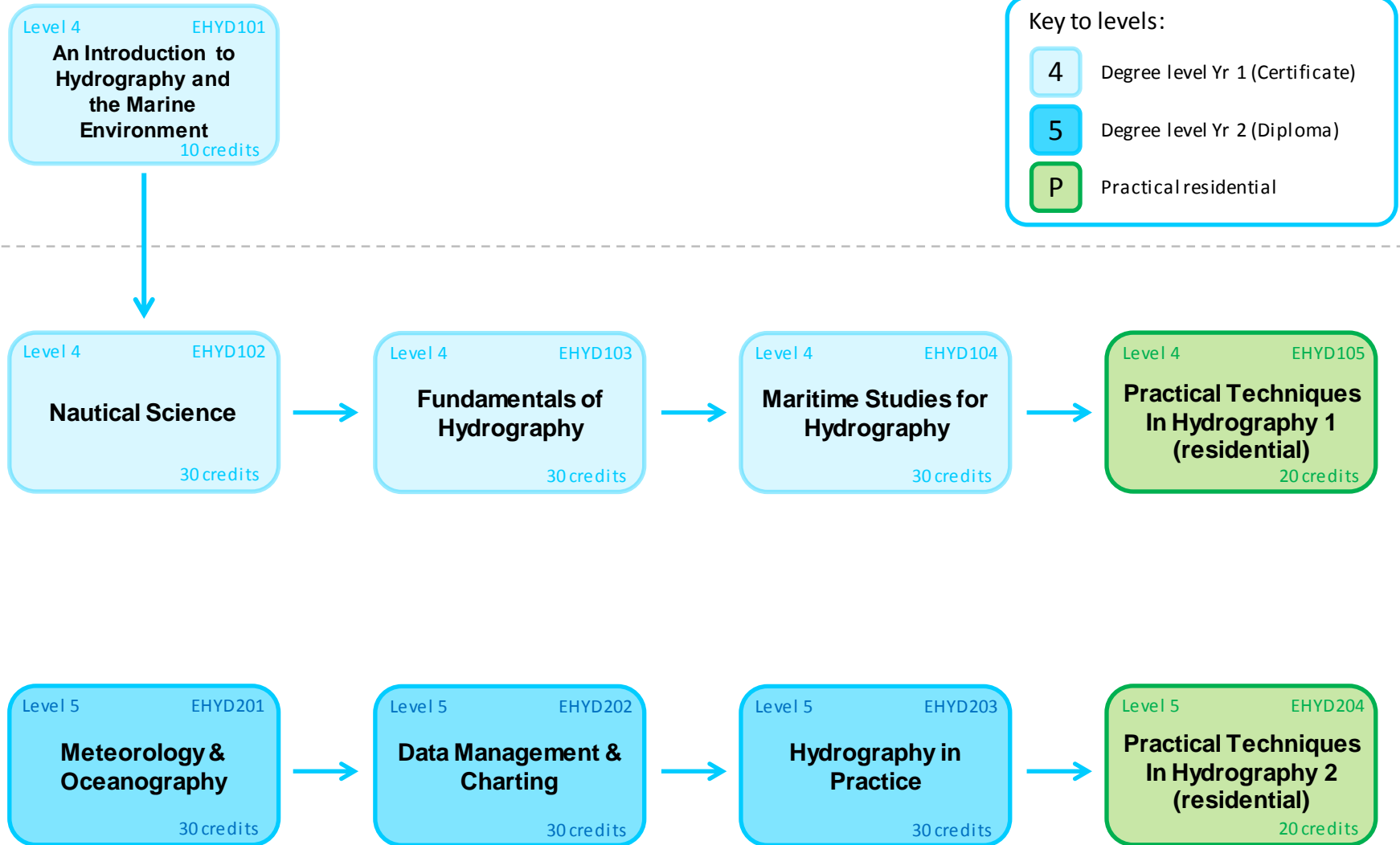
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Key to levels:

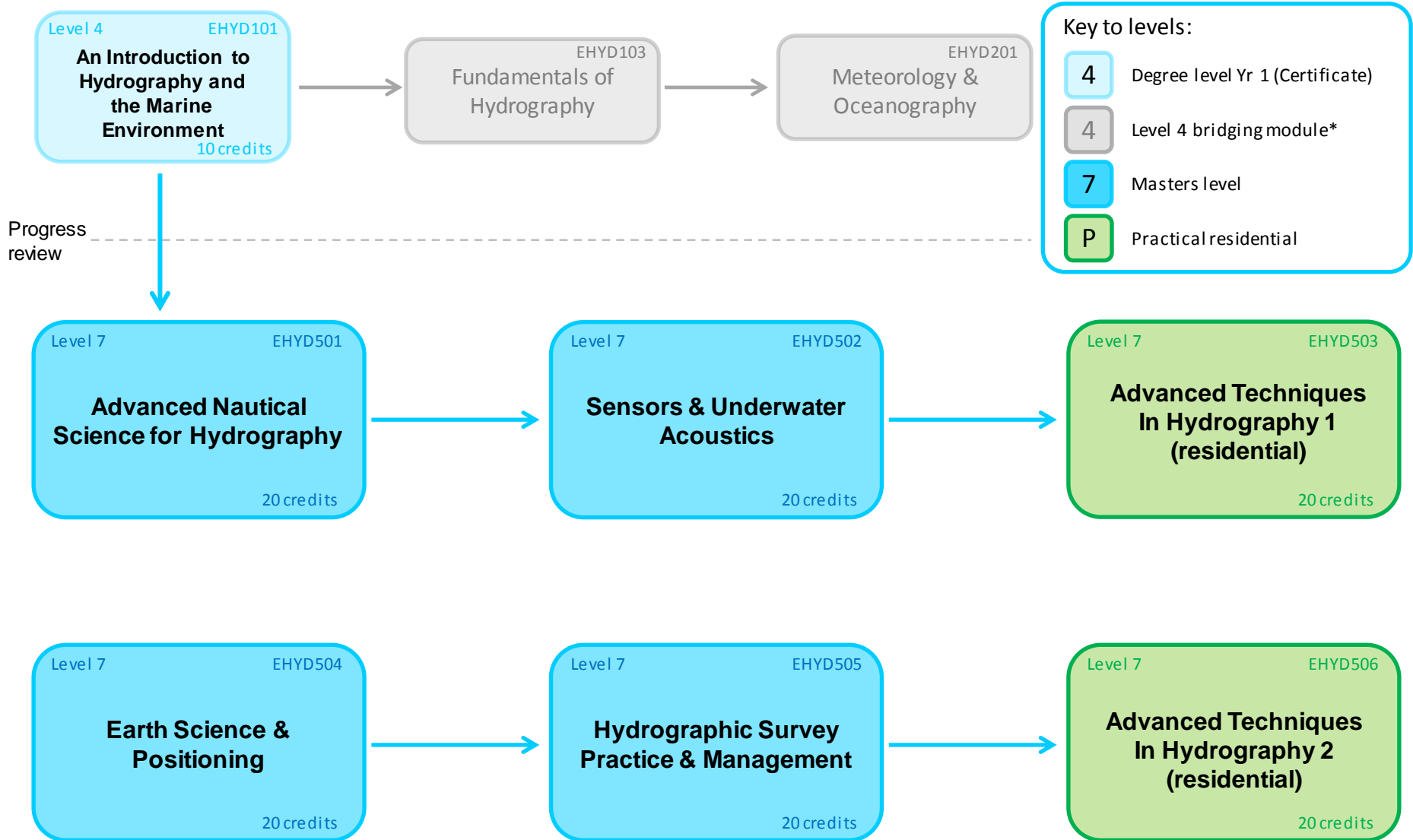
- 4 Degree level Yr 1 (Certificate)
- 5 Degree level Yr 2 (Diploma)
- P Practical residential

Progress review



# PgDip ADVANCED HYDROGRAPHY FOR PROFESSIONALS

(Subject to approval)



\* = Additional modules to be studied depending on students' qualifications and experience. Please see DipHE Hydrography for Professionals syllabus for details of modules' content.

# Does distance e-learning work?

- Well established
- Examples:
  - UK Open University
  - Royal Veterinary College
- Research indicates that people learn equally well, and achieve broadly equivalent results regardless of the method of delivery (Nistor *et al.*, 2003; Bramble & Panda, 2008)
- The university perspective?

# Meeting professional standards

- Who evaluates performance and standards?
  - Course team
  - University, UK Quality Assurance Agency (QAA)
  - External evaluators and advisers
  - Professional bodies
  - Employers
  - Students!

# The Hydrographic Academy

## student experience

- “It’s great to have all the materials to be able to access the lectures and notes as and when I have time. It’s very comprehensive, there are a lot of materials and it’s a great opportunity for me to be able to study like this.”
- “The content is easy to navigate through and it is very impressive. I was thinking there may be some key areas where I would need some extra information but that wasn’t the case. I am very impressed with the course content and materials”



**WITH  
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UNIVERSITY**

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