

UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	OCENM524 Offshore environment, the building blocks and project life cycle of offshore infrastructure projects
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An introductory level course that is aimed at engineering professionals who are looking for training tailored to the offshore energy sector. It is best suited to practicing engineers who are wanting to further develop knowledge on the offshore environment, the building blocks and project life cycle of offshore infrastructure projects as well as offshore site investigation and the principles of offshore geotechnical engineering design.

Participants will gain an understanding of the seabed and metocean offshore environment, and the project cycle from assessment to commissioning. Participants will learn how to better interpret site investigation data, understand the principles of the state-of-the-art design methods for a variety of offshore foundation types and perform engineering calculations. The content draws on recent research performed in close collaboration with industry.

Certified learning	Students are able to: (1) explain the building blocks and life cycle of offshore infrastructure projects; (2) apply knowledge of seabed and metocean offshore environment to real world contexts; (3) apply principles of offshore geotechnical engineering design to real world contexts.
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How learner participated	Online only
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Effort required (indicative)	50 hours
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Main assessment task	Testing recall of facts
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Supervision and identity verification	Supervised online, identity verified (one factor)
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Indicative equivalent level	Not at degree level
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Quality assurance	The University of Western Australia
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Successful learner earns PD Points 2
for conversion to:

- Admission to an award course No
- Credit towards an award course Yes
Stackable with additional micro-credentials for credit toward Applied Offshore Geotechnical Engineering
- If yes, how much credit? Credit is less than one unit
