



School of Civil and Environmental Engineering

Term 3, 2021

ENGG4103

International Humanitarian Response

| | | |
|------------------------|--------------------------|--------|
| Units of Credit | 6 | |
| Contact hours | 4 hours per week | |
| Lecture | Wednesday, 10:00 –13:00 | Online |
| Workshop | Wednesday, 14:00 – 17:00 | Online |

**Course Coordinator
and Lecturer** Dr James Hayes
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| Learning Outcome | | EA Stage 1 Competencies |
|------------------|---|-------------------------|
| 1. | <i>Demonstrate understanding of the principles of Humanitarian Engineering in international humanitarian response and humanitarian cluster systems.</i> | PE1.3, 1.5, 1.6 |
| 2. | <i>Demonstrate what an orderly management of self and professional conduct entails in humanitarian response situations</i> | PE 3.1, 3.2, 3.3, 3.4 |
| 3. | <i>Evaluate successes and where improvements are needed in humanitarian response efforts</i> | PE 1.3, 2.4 |
| 4. | <i>Display effective team membership and leadership</i> | PE3.6 |
| 5. | <i>Communicate effectively using spatial data and oral presentation</i> | PE 3.3, 3.4 |
| 6. | <i>Demonstrate an ability to reflect on ethical, cultural, humanitarian and infrastructural systems and how these systems integrate</i> | PE 3.1, 3.3, 3.5 |

For each hour of contact it is expected that you will put in at least 1.5 hours of private study.

Term 3 2021

Date

Lecture Content

Demonstration Content

Appendix A: Engineers Australia (EA) Competencies

Stage 1 Competencies for Professional Engineers

| | Program Intended Learning Outcomes |
|---------------------------------|---|
| PE1: Knowledge | PE1.1 Comprehensive, theory-based understanding of underpinning fundamentals |
| | PE1.2 Conceptual understanding of underpinning maths, analysis, statistics, computing |
| | PE1.3 In-depth understanding of specialist bodies of knowledge |
| | PE1.4 Discernment of knowledge development and research directions |
| | PE1.5 Knowledge of engineering design practice |