



School of Civil and Environmental Engineering

Term 2, 2020

CVEN4402
Professional Engineering Practice

COURSE DETAILS

Unit	6
Credits	5
Prerequisites	CVEN3000

- Lea a ec e ad ed a e ee ac ce
- Lea a de ce a d ee a ce de ce
- Lea c a e e ed dffe e a de
- Lea e d c e acce b .
- Lea e d c e e a d e e f a ce ea e .
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COURSE PROGRAM

T 2 2020

W	Da	T c
1	T e da , 2 J e	C e l d c l d c T a S e , Pa a d Ne
2	T e da , 9 J e	

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S a e 1 C e e c e P e a E e e

1:	B 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
	PE1.6 Understanding of scope, principles, norms, accountabilities of sustainable engineering practice
2:	A PE2.1 Application of established engineering methods to complex problem solving
	PE2.2 Fluent application of engineering techniques, tools and resources
	PE2.3 Application of systematic engineering synthesis and design processes
	A PE2.4 Application of systematic approaches to the conduct and management of engineering projects