

The course covers the system design of infrastructure, specifically focusing on:

- Water systems
- Transport systems
- Energy systems
- Material management systems, particularly related to waste and water
- Planning influences on regional and urban infrastructure
- Use of sustainability assessment tools for the selection of infrastructure design.

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link to virtual handbook:!

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Objectives of the course include:

Enable students to design infrastructure systems that include the social and cultural context, as well as having regard to sustainability principles in urban precincts.

Provide information to direct the design of infrastructure so that materials are conserved and not wasted in un-reusable forms into the environment.

Apply sustainability in terms of waste water, energy and materials.

Use methods to assess the performance of system components.

Apply planning from macro scale to micro scale in water and waste management, transport and energy systems. Sustainability outcomes are

urban context

have the system the following attributes:

relevant disciplinary knowledge and interdisciplinary content

addressing a real world problem

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ASSESSMENT OVERVIEW

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2.	Tech ical e	10 age l A e di	40%	CLO 2, 3, 4	<u>I d i d a l a e e</u> (e e M d l e f d e a i l)	14/09/20	15/11/20 a 11:59 PM (Week 10)
3.	P fe i al Skill Pa A: P jec Ma age e Re	Re a dg i e ie	15%	CLO 4	<u>G a e e</u> jec a age e e a d i e ie	14/09/20	20/11/20 a 11:59 PM G i e ie ill cc d i g eek 11**
	Pa B: P fe i al De el e	3 O l i e d l e	15%	CLO 4	<u>I d i d a l</u> g i g e f l e c i e c e (See M d l e f D e a i l)	14/09/20	Th gh e (See M d l e f d a e)
4.	P e e a i	3 i e g ide					



2010 (ISBN: 978-0

