Faculty of Built Environment

Digital Uplift

• ARCH1080 – Architecture and Enabling Skills (Sem 1, 2017)
• BLDG1021 – Industrial and Infrastructure Construction (Sem 2, 2017)
• BLDG2011 – Building Services (Sem 2, 2017)
• ARCH1161 - Architectural Science and Building Environment (Sem 1, 2018)
• BLDG2023 – Construction Planning (Sem 1, 2018)
• BLDG2021 – High Rise Building Construction (Sem 2, 2018)
What's in a Digital Uplift?

- Experienced guidance and support, in the review and redesign of your course from PVC(E) Educational Services
- Financial assistance to support your time on the project
- Opportunity to try new tools which support your teaching and learning strategies
  - Leganto, Padlet, Office Mix, H5P, FAQs, Glossary of Terms, Workshop, Quizzes with feedback, 360 videos, accessibility support, LR+, Camtasia
- Ensure that your course aligns with UNSW and FBE policies
- Support for you and your students in the delivery of your blended learning or online course
Project Support

Multi-disciplinary PVC(E) teams will support you to develop your course for blended or fully online delivery. Typically teams will use the workflow described below to facilitate this process.

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<th>DEVELOP</th>
<th>ASSURE QUALITY</th>
<th>DEPLOY</th>
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<th>EVALUATE</th>
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<td>What is working well? What feedback have students given? What could be enhanced?</td>
<td>What is the best way to blend resources, activities, support materials and evaluation to achieve the learning outcomes?</td>
<td>Using weekly or fortnightly ‘sprints’ the team works to write scripts, source images, create animations, build quizzes etc.</td>
<td>Whatever has been developed is reviewed and tested to make sure it is fit for purpose and of a suitable quality.</td>
<td>A comprehensive handover session for faculty members is delivered. The course goes live to students.</td>
<td>The team is available to support faculty members with any queries or troubleshoot technical problems if they arise.</td>
<td>The course is evaluated to gauge effectiveness, and stakeholder satisfaction with the process and outcomes.</td>
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BLDG1021 – Industrial & Infrastructure Construction

Welcome to Industrial & Infrastructure Construction

Course Information

- Course Contact
- Video Transcript (PDF)
- Course Convener: Dr Sarvesh Sepanjiwala
- Email: Sarvesh@unsw.edu.au
- Work Phone: (02) 9385 6528
- Consultation: Room 5034, Red Centre
- Tuesdays 1:00 - 2:00 pm

Navigation

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- Week 2 - Site preparation and estimating earthmoving production

Virtual Site Visit

Group Project

Group Project Resources

Peer Evaluation

Week 1 - Welcome and course introduction

Week 2 - Site preparation and estimating earthmoving production

Content covered this week includes:
- Site preparation and excavation
- Earthmoving equipment
- Costing estimates on earthmoving production
- Organizing the Group Project