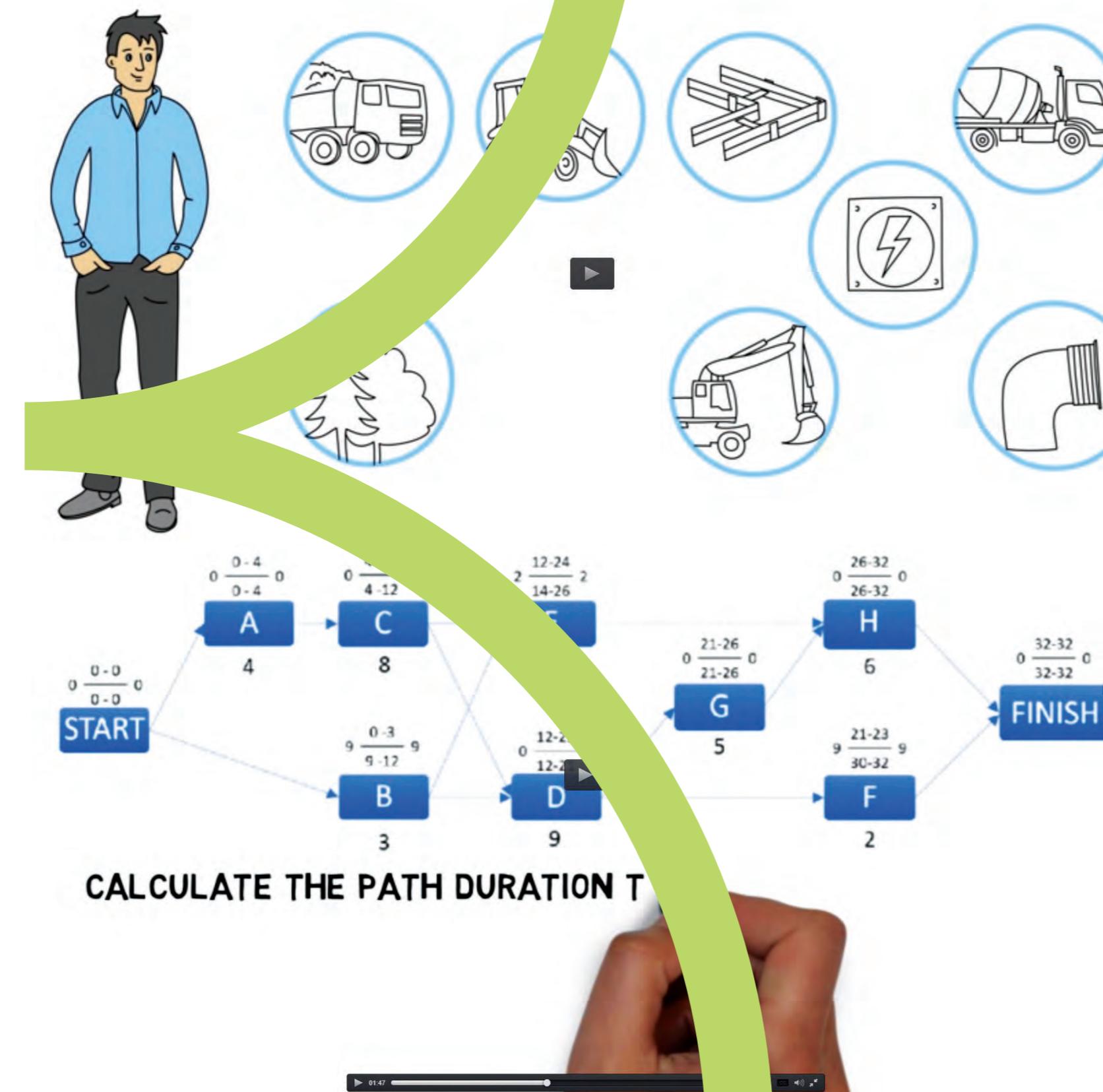


## Learning & Teaching

### Inspired Learning Initiative (ILI)



### BLDG2023 Construction Planning

Dr Cynthia Wang

#### About the Course

BLDG2023 Construction Planning is a core UG course in the Bachelor of Construction Management and Property program. It's a large class and usually has 220 - 280 students enrolled. It covers a variety of contents on project scheduling and planning, and students need to understand the theory, conduct calculations, learn to use commercial software and produce comprehensive planning documents.

#### Aims

This project aims to utilize online/digital tools to enhance the course design, and move some of this course's contents from traditional classroom-based delivery to online blended learning mode. It will solve the problem that students are of different learning pace due to different background and academic capability, as well as provide a more inspiring learning experience to them.

#### Outcomes

This ILI project was completed in 2017 and implemented in S1 2018. Students' feedback was very positive. The main achievement can be summarized into the following four areas:

1. Created over 10 online video lectures, and they cover four important topics which require students to carry out calculations. This greatly improves the flexibility of students' learning.
2. Produced 4 online interactive questions - one for each of the above four topics. These questions provide step-by-step guidance for students to practice on the calculation-type of questions, and are very welcomed by students.
3. Delivered an online question bank with over 400 questions. These questions are categorized by different topics and difficulty levels. Online quiz can be easily set up by using this question bank.
4. Uplifted all lecture slides and other course materials. They don't just look prettier, they are more organised and better support students' self-guided learning.

#### Further Information:

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