

CIVL3103 Construction Project Management Topic 1 (Part 1) 2 Course Introduction Contact Information Course instructor Dr: Cliff Leung Email cyleung2@hku.hk Office Haking Wong Building Room 521 (to be relocated by mid-September) Assessments and Grading 3 assignments (altogether worth 50% of course mark) 1 written examination (worth 50% of course mark) Course Content

藉著回答以下問題，分享你在今年對基督信仰的新學習：請就今學期的主題內容 (祈禱/迷信) 選寫其中一個最能啟發你反思的重點，分享你個人的學習

Topics Topics Value management and lean construction Time-cost optimization and resource scheduling 2 Productivity Cash flow management 3 Prefabrication and off-site construction Financial planning and control 4 Management of construction project Sustainability in construction projects 5 Programming; network analysis and critical paths 10 Construction tendering and contracts

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Learning Outcomes By the end of this course, students should be able to 1. describe the fundamentals of construction project management, including the roles of key project participants in setting and achieving project priorities. 2. understand fundamental elements of civil engineering contracts, and the professional and ethical responsibilities needed for contract administration. 3. identify and discuss some important principles and practices

今學期，我學會如何分懂信仰和迷信。固然叫做‘宗教’。就自然有些時候要憑信行事，并非一切要科學證據，也并非一切用邏輯證明。但是我們也不能盲目相信一個‘神’，我們有些時候也 要想一想別人教導你的是真是假。例如有些人拜‘關公’，但仔細想想，關羽前世也是人，雖是一個著名的勇士，但亦無神奇之事

conceptual design , including cost planning, value management and life cycle analyses. 4 prepare construction programmes, and use network programmes in resource scheduling; 5. understand and apply some key techniques in financial planning and control, e.g: earned value analysis and cash flow forecasting: 6. design effective solutions for construction development projects by adopting the latest construction practices and technologies learned in the course, and be able to convey such solutions in the form of reports and visual aids.