

98 學年度大四工工專題摘要

14	Operations of an International Port
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摘 要	
題目的由來： Transportation is one of the fundamental stages within the supply chain processes. Along the time, has become a key stage to achieve cost savings and expansion into new markets. Ports and other facilities are the gates to those markets, therefore the importance of the efficiency in their operations. 題目的描述 The main goal of this research is to understand the operations of an international port by explaining the roles involved and the descriptions of their duties. The result from the interaction of those roles is the overall operation of the port. Along the interaction, it is foreseeable the arousal of certain issues, consequently affecting the operations and procedures of the port and its users. Interaction among the roles is represented through the operations at the port of Caldera in Costa Rica and port of Valparaiso in Chile. 解決的方法 The methods applied along the research were literature reviews, personal interviews and process modeling. The information obtained from the literature and interviews was applied to come up with an information flow model applied at certain ports. 研究的成果 The facilities available, the development of infrastructure and superstructure at the port will be crucial for an efficient operation. Besides, a smoother interaction of the roles can generate growth opportunities for the organizations involved, the region and country where the port is located.	