

國立雲林科技大學資訊管理系
113 學年度第 1 學期博士班資格考
科目：資訊管理理論與應用
時間：4 hours (Closed book)

- For the Qualifying Exam, you must be scientifically conversant in the chosen subject and demonstrate critical thinking about the selected theories. You have to adhere to the highest standards of intellectual and professional integrity.
- You can answer each question in Mandarin or English.
- When answering, please pay attention to the proportion of each question and clearly mark the question number.

Please use the paper entitled "**Computer Self-Efficacy: Development of a Measure and Initial Test**" as materials to answer the following questions.

Part I. (50%)

1. Describe computer self-efficacy and the social cognitive theory. (15%)
2. How does computer self-efficacy connect to the successful implementation of information system (IS) in organizations? (7%)
3. (1) Identify a theoretical gap in the current IS research on computer self-efficacy. (8%)
(2) Propose a research framework/model to fill the gap by integrating the social cognitive theory and other significant MIS theories. Draw the framework/model figure, list your rationales for applying and combining these theories, and explain the concepts in this framework/model. (20%)

Part II. (50%)

Suppose you would like to apply Bandura's social cognitive theory to investigate ways to leverage self-regulated online learning through computer self-efficacy to enhance academic proficiency concerning AI literacy.

4. Please suggest theories other than those adopted in the referenced paper and explicitly related to:
(1) cognitive, (2) environmental, and (3) behavioral aspects. (30%)
5. Please suggest a research model based on the abovementioned theories and comment on its potential theoretical and managerial implications. (20%)