COURSE DETAIL

SYSTEM ANALYSIS AND DESIGN I

Country
Ireland

Host Institution
Trinity College Dublin

Program(s)
Irish Universities,Trinity College Dublin

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
113

UCEAP Course Suffix

UCEAP Official Title
SYSTEM ANALYSIS AND DESIGN I

UCEAP Transcript Title
SYS ANALYSIS&DESIGN

UCEAP Quarter Units
4.00

UCEAP Semester Units
2.70

Course Description
This course introduces students to the theory and practice of designing, creating, and maintaining large software systems within demanding and changing business environments. The course covers the standard business and engineering processes, approaches, and disciplines applied in industry today. Topics include introduction to systems thinking; fundamentals of traditional and modern system development lifecycle (SDLC) methodologies; initiating and planning software development projects; requirements elicitation and specification techniques; systems analysis through functional and data modeling tools; design of database, interactive, distributed, and internet systems; and implementing and maintaining a system.

Language(s) of Instruction
English

Host Institution Course Number
CSU22BC1

Host Institution Course Title
SYSTEM ANALYSIS AND DESIGN I

Host Institution Course Details

Host Institution Campus
Trinity College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department
Computer Science

Course Last Reviewed

Print