



THE UNIVERSITY  
of ADELAIDE  
COLLEGE

# Computing And Information Systems

## Foundation Studies Program

### Aims

The subject is designed to take students from many backgrounds and language settings and give them the skills necessary to successfully use and manage information technology in their academic studies at an Australian university. To this end students are exposed to a range of topics similar to those studied at Year 12 level as well as developing their subject-specific English literacy skills to the required level.

### Learning outcomes

After successfully completing this subject students should be able to:

- Demonstrate knowledge and understanding of computer concepts.
- Research and produce dynamic multimedia presentations.
- Use advanced formatting techniques to produce professional looking documents.
- Obtain logical reasoning and overall comprehension of computer programs.
- Develop an information system using the systems development life cycle.
- Use word processing, presentation, spreadsheet and database management software packages.

### Subject content

WEEK	TOPIC AND ASSESSMENT SCHEDULE
1	Orientation
2	Introduction to computer basics
3 - 5	Word processing
6 - 7	Presentation software
8 - 10	Computer components
11 - 14	Spreadsheets
15 - 18	Networks and Internet
19	Exams
20	Exam review
21 - 29	Relational Databases
30	HTML
31 - 36	Introduction to programming
37 - 38	Revision/SWOTVAC
39	Exams
40	Graduation

### Prerequisites and assumed knowledge

Prerequisites for this subject are Computing to Australian Year 11 equivalent.

### Assessment

General weightings for each assessment item are outlined below.

ASSESSMENT ITEM	WEIGHTING
<b>Presentation</b>	5%
<b>Test 1</b>	5%
<b>Test 2</b>	2.5%
<b>Research project</b>	5%
<b>Test 3</b>	5%
<b>Test 4</b>	5%
<b>Semester 1 portfolio</b>	2.5%
<b>Mid-year examination</b>	20%
<b>Assignment 1</b>	2.5%
<b>Test 5</b>	5%
<b>Assignment 2</b>	10%
<b>Test 6</b>	5%
<b>Assignment 3</b>	5%
<b>Semester 2 portfolio</b>	2.5%
<b>Final examination</b>	20%

### Further enquiries

The University of Adelaide College  
**enquiries** college@adelaide.edu.au  
**phone** +61 8 8313 3430  
**web** college.adelaide.edu.au