

# INFO 0010 INFORMATION TECHNOLOGY IN BUSINESS (WSTC PREP)

**Credit Points** 10

**Legacy Code** 700278

**Coordinator** Frank Gutierrez ([https://directory.westernsydney.edu.au/search/name/Frank Gutierrez/](https://directory.westernsydney.edu.au/search/name/Frank%20Gutierrez/))

**Description** This unit introduces basic business concepts and how Information Systems can be used in Business. It also deals with Systems Analysis and Design, and Database Design and Development concepts. These concepts are introduced using a variety of case studies to provide authentic learning opportunities.

**School** Western Sydney The College

**Discipline** Information Technology, Not Elsewhere Classified.

**Student Contribution Band** HECS Band 2 10cp

Check your HECS Band contribution amount via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Undergraduate Level 0 Preparatory subject

**Restrictions** Students must be enrolled at Western Sydney University, The College.

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Identify and explain business structures, support functions and operations.
2. Explain how Information Systems are used in Business.
3. Explain various phases of the System Development Life Cycle including activities and deliverables.
4. Identify and explain different Software Development Methodologies.
5. Demonstrate competency in using MS Access by: a. applying database modelling concepts, including design and normalisation of databases; b. creating and using forms; c. creating and using queries and reports.

## Subject Content

1. The nature of business, its role in society and types of business structures, support functions & operations.
  2. Internal and external influences on Business
  3. Role of Information Systems in Business.
  4. Systems Analysis and Design fundamentals.
  5. Introduction to Database Design and Development concepts using MS Access.
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  3. Role of Information Systems in Business.
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  5. Introduction to Database Design and Development concepts using MS Access.

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Item	Length	Percent	Threshold	Individual/Group Task
Participation	10 activities	10	N	Individual
Portfolio	Max 1.5 hours	20	N	Individual
Intra-session Exam	1 hour	15	N	Individual
Applied Project	3 hours	15	N	Individual
End-of-session Exam	2 hours	40	N	Individual

Teaching Periods

## Term 1

### Nirimba Education Precinct

#### Day

**Subject Contact** Frank Gutierrez ([https://directory.westernsydney.edu.au/search/name/Frank Gutierrez/](https://directory.westernsydney.edu.au/search/name/Frank%20Gutierrez/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=INFO0010\\_22-T1\\_BL\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFO0010_22-T1_BL_D#subjects))

## Term 3

### Nirimba Education Precinct

#### Day

**Subject Contact** Frank Gutierrez ([https://directory.westernsydney.edu.au/search/name/Frank Gutierrez/](https://directory.westernsydney.edu.au/search/name/Frank%20Gutierrez/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=INFO0010\\_22-T3\\_BL\\_D#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=INFO0010_22-T3_BL_D#subjects))