

# COMP 1014 THINKING ABOUT DATA

**Credit Points** 10

**Legacy Code** 301488

**Coordinator** Nasser Ghadiri Modarres ([https://directory.westernsydney.edu.au/search/name/Nasser Ghadiri Modarres/](https://directory.westernsydney.edu.au/search/name/Nasser%20Ghadiri%20Modarres/))

**Description** This subject covers basic concepts of data centric thinking. The main areas discussed are; Populations and Samples; Sampling concepts; Types of Data; Descriptive Methods; Estimation and Inference; Modelling. The subject takes a computational and nonparametric approach, before briefly discussing theoretical concepts and distribution theory.

**School** Computer, Data & Math Sciences

**Discipline** Computer Science

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

Check your fees 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 1 subject

**Equivalent Subjects** MATH 1033 Thinking About Data

## 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.

| Type       | Length                            | Percent | Threshold | Individual/<br>Group Task |
|------------|-----------------------------------|---------|-----------|---------------------------|
| Quiz       | 5x 30 min                         | 20      | N         | Individual                |
| Final Exam | 2 hour                            | 40      | Y         | Individual                |
| Report     | 3 weeks/<br>approx. 2000<br>words | 40      | N         | Individual                |

**Prescribed Texts**

Lock, & Lock, Patti Frazer (2019). Statistics : unlocking the power of data (Second edition, EMEA edition.).

**Teaching Periods**

## Vietnam Session 1 (2024)

### Vietnam

#### On-site

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## Autumn (2024)

### Parramatta - Victoria Rd

#### On-site

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## Spring (2024)

### Parramatta - Victoria Rd

#### On-site

**Subject Contact** Nasser Ghadiri Modarres ([https://directory.westernsydney.edu.au/search/name/Nasser Ghadiri Modarres/](https://directory.westernsydney.edu.au/search/name/Nasser%20Ghadiri%20Modarres/))

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## Surabaya Semester 1 (2024)

### Surabaya

#### On-site

**Subject Contact** Nasser Ghadiri Modarres ([https://directory.westernsydney.edu.au/search/name/Nasser Ghadiri Modarres/](https://directory.westernsydney.edu.au/search/name/Nasser%20Ghadiri%20Modarres/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=COMP1014\\_24-IS1\\_SU\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP1014_24-IS1_SU_1#subjects))

## Vietnam Session 3 (2024)

### Vietnam

#### On-site

**Subject Contact** Nasser Ghadiri Modarres ([https://directory.westernsydney.edu.au/search/name/Nasser Ghadiri Modarres/](https://directory.westernsydney.edu.au/search/name/Nasser%20Ghadiri%20Modarres/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=COMP1014\\_24-UT3\\_UE\\_1#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=COMP1014_24-UT3_UE_1#subjects))