

# WEEK 1: OVERVIEW OF STM1001

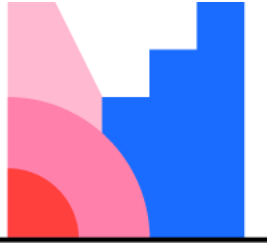
Making Sense of Data

# WELCOME

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We are looking forward to  
having you in STM1001 this  
semester





# Mentimeter



We will do Menti quizzes from time to time during workshops



They are normally for a bit of fun and to help with our learning



Go to [www.menti.com](https://www.menti.com) and use the code provided

## STM1001 Timetable of Activities

	ALL STUDENTS Core content		SCIENCE/HEALTH STUDENTS Science/Health Stream	DATA SCIENCE STUDENTS Data Science Stream	
	Workshops	Computer Lab 1	Computer Lab 2		
Week	Topic/Readings	CL01	Topic/Readings		CL02
1	1 Introduction to statistics and presenting data	CL1 (Intro to R)	1B Why research?	1B Data Visualisation I	CL1B
2	2 Descriptive Statistics	CL2 (Topic 1)	2B RQ's and ethics	2B Data Visualisation II	CL2B
3	3 Probability and Distributions	CL3 (Topic 2)	3B Designing a study I	3B Data Visualisation III	CL3B

- Also in **Week 1 only: 1-hour online lecture**, Monday 4-5pm
- This lecture will cover an introduction to R. As we will be using R throughout the subject, the content in this lecture is very important
- Zoom link on LMS

EACH WEEK

# STREAMS (MODULES)

All students do “Core” content

In addition, there is some stream-specific content

Streams:

1. Science/Health
2. Data Science

For content-specific readings and computer labs, you only need to do the content that belongs to your stream.

Assignments 2 and 4 will also be stream-specific.

# READINGS



There will be online readings to complete each week



These can be accessed via LMS



There are readings for core content (every week), as well as discipline-specific content (most weeks)



The readings can be completed in your own time. However, we would recommend allocating a time each week in your timetable to do that week's readings



Each week there will be an interactive workshop based on that week's core readings



The workshops are designed to help you consolidate key concepts from that topic



However, the workshops are NOT a substitute for completing the readings, as there is more content in the readings than we have time for in the workshops



It is recommended that you bring a device (e.g. tablet or laptop), and pen and paper to workshops

# WORKSHOPS

# COMPUTER LABS



You need to attend 2 computer labs each week (1 core, 1 discipline-specific)



In computer labs, we will apply the concepts learnt using statistical software packages



Solutions posted on LMS at the end of the last computer lab of the week



For the second computer lab, you will need to know which stream you are in: Check the **“Student stream allocations”** document in the **“Start Here”** file on LMS



Ask your computer lab demonstrator if you are not sure



# ALLOCATE+



You need to sign up to 1 workshop and 2 computer labs using Allocate+



Allocate+ will switch to read-only mode on or before census date



For those students who are unable to enrol into a workshop or computer lab using Allocate+, please email [STM1001@latrobe.edu.au](mailto:STM1001@latrobe.edu.au) immediately.

# STUDYING AT UNIVERSITY



At La Trobe, classes start 5 minutes after the hour and finish 5 minutes before the hour.



This allows time to get from one class to the next

# STUDYING AT UNIVERSITY



Studying at uni as adults: you have more control over how you spend your time. However, your education is your responsibility. Some differences from school:

Your schedule, your time – you arrange your own timetable via Allocate+ and even do some coursework in your own time (e.g. readings)

Classwork and assessments – it is up to you to make sure you are up to date with subject content and submitting assessments on time. Lecturers will not follow up with you to submit something if you have missed the deadline

Staying informed – we have only a few hours of contact time per week, so it is up to you to stay informed by reading your emails and checking LMS regularly

# ASSESSMENTS

Please check the Assessment tile on LMS for details about all assessments, including due dates, how to submit, etc.

**In order to pass this subject, you will need to submit the assignments.**

The assignments are a crucial part of your learning for this subject and there will be plenty of support provided

Assessment task	Weighting	Comments
1. Online quizzes (best 5 of 8)	10%	Due each Monday 11.59pm. Based on core readings from previous week.
2. Assignments	60% (15% each)	Due Weeks 6, 8, 10, 12
3. Final exam	30%	Core

# ASSESSMENT POLICY AND PROCESS



Assignments: Extension requests **must be made at least three days prior to the due date.**

Late extension requests will not be accepted. However, you may be eligible to apply for Special Consideration



Quizzes: Online quizzes are available for one week, have a generous time limit, you have multiple attempts, and the best five of eight marks will go towards your final mark. **Missed quizzes will not be reopened.**



For more information, please see the **Assessment Policy and Process** section in the **Assessments** tile on LMS.

# STATISTICS ANXIETY



Statistics anxiety is experienced by up to 90% of students



2-min video:

<https://www.youtube.com/watch?v=GubAW224Rkl>



See “Student Resources” tile on LMS for more, including pdf document “Stats anxiety and strategies for reducing it”

# WHY STUDY STATISTICS?



No matter what field you are studying, statistics is crucial to understanding your area more deeply



It is an important part of ***critical thinking***: using data to make decisions and predictions, and understanding & evaluating the findings of others (understanding research). These skills will be crucial in your future studies and careers



Research has shown that students who understand this are more likely to persevere and do well in statistics, even if they experience some statistics anxiety



Asking for help has also been linked to success in statistics. So, ask for help when you need it!

# STUDENT HELP WITH STM1001 CONTENT



## LMS forums

For staff responses, please allow up to two working days. However, your peers may respond first!



## Maths Hub

Visit the Maths Hub LMS page to check out the timetable and see what times you can get help for STM1001



## STM1001 support sessions

Drop-in help sessions for STM1001. Check “Student Resources” tile for LMS for details



## Computer Labs

You may receive help on the quizzes and assignments in the last 15 minutes of each computer lab. Since quizzes and assignments are assessed, your computer lab demonstrator can help you with questions related to understanding content, but not with the quiz/assignment questions directly



## Student Consultation with Amanda

You can attend Amanda’s student consultation hour throughout the semester to get one-on-one help on any topic covered in STM1001. Check LMS for details



## FOR OTHER QUERIES: EMAIL

If your question is about STM1001 subject content, please use one of the options on the previous slide rather than email

For queries that are individual or personal in nature, email [STM1001@latrobe.edu.au](mailto:STM1001@latrobe.edu.au) or [a.shaker@latrobe.edu.au](mailto:a.shaker@latrobe.edu.au).

Emails will normally receive a response within two working days