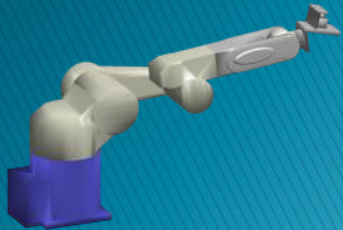


Updated for Autumn Online-only

# 41013 Robotics



# Overview

- ▶ Staff
- ▶ Class Structure
- ▶ Textbook
- ▶ Assessments
- ▶ Quizzes
- ▶ General Rules
- ▶ Lab tour



# Staff

- ▶ Subject Coordinator
  - Gavin Paul
- ▶ Lecturers
  - Teresa Vidal-Calleja
  - Marc Carmichael
- ▶ Tutors
  - Sheila Sutjipto
  - Nuwan Munasinghe



# Class Structure



- ▶ 3-hour of weekly support via Zoom/Teams. Virtual lab from Wed @ 18:00
- ▶ Learning material & guide (e.g. links, lectures, exercises & videos) on UTSONline
  - Do the pre-work before class time:
  - read the textbook pages and slides,
  - watch the videos,
  - to help get started on Lab Exercises there will be a “Lab Starter”
  - attempt Lab Exercises and then drop-in to class if you need help
  - Continue lab exercises in *virtual class*.
- ▶ Weekly overview:

1	2	3	4	5	6	7	8	9	10	11	12
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  - Quiz in class (practice in week 2, and Assessment in weeks 3,5,7,9)
  - Demonstration vivas in class for Lab Assignments (Weeks 6 and 12)
  - Assessed presentations and discussion about robots affecting our world (Week 11)
- ▶ Discussion board (Teams) we will check respond within 2 weekdays.
- ▶ For private (non-technical) matters, DMs / emails can be sent directly to the subject coordinator

Assessable task in class time
No Assessment but should attend
Online drop-in only



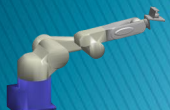
# Assessments

- ▶ Assessment 1: 4x Online, in-class quizzes, worth 5% each, total 20%
  - Individual but divided into small groups of students in Zoom with a tutor. **Everyone** must share face video feed (to show alone), screen feed and student card may be privately requested by a tutor at any time.
- ▶ Assessment 2: Individual Lab Assignment 1 20%
- ▶ Assessment 3: Lab Assignment 2 both individual and group parts, in total 45%
- ▶ Assessment 4: Final Individual assignment 15%
- ▶ For Lab Assignments 1 & 2 you will book via Airtable a 1-on-1 Zoom with a tutor (which will be recorded for standardisation [head tutor's use only]). Reports are submitted via UTSONline TurnItIn. Videos are shared in Teams.
- ▶ Details of Assignments are on UTSONline



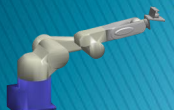
# Quizzes (weeks 3,5,7,9)

- ▶ Quiz starts right at the beginning of class
- ▶ Log into personal PC and setup
- ▶ Must share your video feed with your tutor's private channel
- ▶ Individual Quiz
  - First 30 minutes
  - Worth 4%
- ▶ Team Quiz (groups of max 2 people)
  - Next 20 minutes
  - worth 1%
- ▶ Must attain 80% in every quiz (can redo if required)
- ▶ Mark for subject is **only the first** in-class attempt
- ▶ Practice quiz in Week 2
- ▶ Onramp course before Quiz 1



# General Rules

- ▶ **Academic Conduct**
  - Plagiarism detection tools will be used
  - Be respectful on discussion boards
- ▶ **Late submissions (assignments)**
  - Penalty: -10% per day, Up to 5 days (then 0% is awarded)
- ▶ **Quizzes**
  - No attendance or late = 0, must redo in own time till an 80% mark reached
- ▶ **Extenuating circumstances: formally required to apply for Special Consideration**
- ▶ **Peer Review**
  - Used for peer review and feedback (i.e. Spark+)
- ▶ **Feedback provided**
  - During and after demonstrations
  - For each assignment on UTS Online



# Subject Outline, UTSOnline & Project videos

- ▶ Show the:
  - Subject outline
  - Weekly folders
  - Expected work
  - Lecture slides and videos
  - Solution video and code
  - Assignments/Quizzes
  - Teams discussion board
- ▶ Remember to do:
  - Onramp course and certificate before Quiz 1 (week 3)
  - Mechatronics lab induction

