## ENGG1801
### Engineering Computing

**JASON CHAN**  
Engineering and Information Technologies

### Semester 1 2015

- **n = 603**  
- **enrolled = 910**  
- **response = 66%**  
- **mean\(_{1-6}\) = 4.19**  
- **mean\(_{all}\) = 4.20**

#### Q1 Overall, I was satisfied with the quality of teaching by the teacher(s).

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>301</td>
<td>49.9</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>247</td>
<td>41.0</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>37</td>
<td>6.1</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>6</td>
<td>1.0</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>12</td>
<td>2.0</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td>Missing</td>
</tr>
</tbody>
</table>

- **mean = 4.36**  
- **SD = 0.81**  
- **n = 603**

#### Q2 The work has been intellectually rewarding.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>236</td>
<td>39.2</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>279</td>
<td>46.3</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>62</td>
<td>10.3</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>12</td>
<td>2.0</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>13</td>
<td>2.2</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td>Missing</td>
</tr>
</tbody>
</table>

- **mean = 4.18**  
- **SD = 0.86**  
- **n = 602**

#### Q3 I developed relevant critical and analytical thinking skills.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>207</td>
<td>34.4</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>303</td>
<td>50.4</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>70</td>
<td>11.6</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>11</td>
<td>1.8</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>10</td>
<td>1.7</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td>Missing</td>
</tr>
</tbody>
</table>

- **mean = 4.14**  
- **SD = 0.81**  
- **n = 601**

#### Q4 I have had good access to valuable learning resources.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>241</td>
<td>40.1</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>275</td>
<td>45.8</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>57</td>
<td>9.5</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>17</td>
<td>2.8</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>11</td>
<td>1.8</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td>Missing</td>
</tr>
</tbody>
</table>

- **mean = 4.19**  
- **SD = 0.86**  
- **n = 601**

#### Q5 The assessment tasks challenged me to learn.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>274</td>
<td>45.7</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>260</td>
<td>43.3</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>47</td>
<td>7.8</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>9</td>
<td>1.5</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>10</td>
<td>1.7</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>Missing</td>
</tr>
</tbody>
</table>

- **mean = 4.30**  
- **SD = 0.81**  
- **n = 600**
Q6 I have been guided by helpful feedback on my learning.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>172</td>
<td>28.6</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>282</td>
<td>46.9</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>108</td>
<td>18.0</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>28</td>
<td>4.7</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>11</td>
<td>1.8</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
</tbody>
</table>

2 Missing 0% 50% 100%

mean = 3.96  SD = 0.90  n = 601

Q7 Staff were responsive to students.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>262</td>
<td>43.6</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>269</td>
<td>44.8</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>55</td>
<td>9.2</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>5</td>
<td>0.8</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>10</td>
<td>1.7</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
</tbody>
</table>

2 Missing 0% 50% 100%

mean = 4.28  SD = 0.80  n = 601

Q8 The tutorials/lab classes effectively supported my learning and were worthwhile.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>317</td>
<td>52.7</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>228</td>
<td>37.9</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>39</td>
<td>6.5</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>5</td>
<td>0.8</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>12</td>
<td>2.0</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
</tbody>
</table>

2 Missing 0% 50% 100%

mean = 4.39  SD = 0.81  n = 601

Q9 The learning outcomes and expected standards of the unit of study were clear to me.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>196</td>
<td>32.7</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>291</td>
<td>48.5</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>85</td>
<td>14.2</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>17</td>
<td>2.8</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>11</td>
<td>1.8</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
</tbody>
</table>

3 Missing 0% 50% 100%

mean = 4.07  SD = 0.86  n = 600

Q10 Overall, I was satisfied with the quality of this unit of study.

<table>
<thead>
<tr>
<th>N</th>
<th>%</th>
<th>value</th>
<th>responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>226</td>
<td>37.6</td>
<td>5</td>
<td>Strongly Agree</td>
</tr>
<tr>
<td>284</td>
<td>47.3</td>
<td>4</td>
<td>Agree</td>
</tr>
<tr>
<td>66</td>
<td>11.0</td>
<td>3</td>
<td>Neutral</td>
</tr>
<tr>
<td>12</td>
<td>2.0</td>
<td>2</td>
<td>Disagree</td>
</tr>
<tr>
<td>13</td>
<td>2.2</td>
<td>1</td>
<td>Strongly Disagree</td>
</tr>
</tbody>
</table>

2 Missing 0% 50% 100%

mean = 4.16  SD = 0.86  n = 601

Q11 What have been the best aspects of this unit of study?

- no
- Through being challenged, it helps me to understand better
- no memorization was needed just practice
- Being able to see when my code works
- The lecturer and my tutor
- Exposure to programming and great tutor
- Challenging and fun exercises. Excellent lecturer.
- Very clearly explained requirements, that are can be fulfilled with work. Very well explained concepts, instructed well by tutors. I never felt that a concept was skipped over or only touched upon then was examined, everything important was gone over many times.
- Jason Chan is a good lecturer
- Learning stuff I didn't know. I hate software based studies, but it's not too bad.
- Coherent and comprehensive
- each week's lab exercises is challenge for us ,while the answers they upload is very clear
- flexibility of classes

http://sydney.edu.au/itl/feedback/reports/
· developing critical thinking skills
· Being able to learn a new software that may help me in my course later on
· Big change from anything else I have ever done.
· Breaks in lectures and labs
· It is really clear what we need to do for study and what we need to learn. The flexibility with being able to attend extra labs and catch up with lectures online is wonderful.
· good explanation. even I had never studied programing before, I can do some now.
· Learning excel
· matlab, using the software to solve the problems and making the code to work felt really rewarding and cool
· Variable schedule
· When whatever code we're typing works!
· The lectures got straight to the point.
· Programming and feeling like a hacker...........duh!!!
· I liked being able to move from theory into solving complex problems rapidly. It ensured that I maintained the knowledge that I gained throughout the semester.
· Writing codes for matlab
· The labs are engaging and interesting.
· I could probably use this later on in my course.
· it was interesting
· Easy. Not many lectures.
· You learn to code, The lecturers and tutors are very engaging. Michael Li is a very good tutor he engages with the lab as a whole not individually. He often type up the lecture slides that will help with the lab question
· Being able to learn something completely new. At first, the course and work was immensely difficult but now I have found a bit more confidence and interest in programming thanks to my tutor (Will de Ferranti) and Jason, and also, I have started to enjoy doing some of the exercises.
· The labs were extremely helpful in understanding the content
· The enthusiasm and motivation communicated by Jason Chan was one of the best aspects of the course, and made me genuinely interested in learning the material and coming to class each week. After each tutorial, I always felt as if I had learnt something valuable and really understood the material, thanks to the excellent tutors (I attended a couple of different classes, and found that the quality of the tutors was excellent across the board).
· The lectures are the best, worth going to each and every single one, the pace for everything is fine
· Learning how to code, and thus being able to write code that solves a practical problem.
· I have really enjoyed learning about matlab in this unit of study and think that it was a great introduction to programming. It was easy to follow, which led to me feeling quite confident about this unit of study and I have since developed an interest in programming, even though this is not as central to my degree. I also though that the lecturer for this subject was great, and loved how he went quickly and thoroughly through the content.
· Relatively easy.
· Learning a new and practical skill
· Lecture slides are so helpful
· Jason is responsible, organized and friendly when help was asked.
· Figuring out the problem in a way that logically runs over the problem.
· All, probably the best first year subject.
· the laboratory exercise is very useful
· Learning to code that lets me solve problems (rather than copying bits of code and seeing it that it works)
· Jason is very professional and helpful
· I got to learn to use new programs and also broaden my knowledge in software's which I previously used e.g excel
· The tutor, Jason Chan explains everything in very detail.
· Good teaching methods used
· the tutor Jason chan
· the tutor !
· Nice lab exercises
· This was the most challenging unit of study but also one in which I was continuously engaged week in, week out.
· Jason always put lecture PPT online 1 week ago which give me enough to prepare for the next lecture and the solution of tutorial each week is also one of the best part in this subject
· The process of learning and the outcome is really rewarding
· nothing
- detailed solutions for lab exercises
- The logical thinking challenges you face when coding
- Learning how to use these skills in real life scenarios
- Gaining skills such as logical thinking and step by step breakdown.
- Nothing, matlab is terrible
  
  ...  
- Strong lecturer, engaging content.
- when the program works and the successful feeling
- Learning how to code
- My tutor Joe Nguyen! Such a hero
- The tutorials were very useful to practically apply the information that was taught during the lectures, to solidify our understanding.
- no
- Good explanation and teachings in lectures and tutorials
- Learning of new programming skills and improving logical thinking.
- The lectures and tutorial were very clear, objective and helpful. Jason is an amazing lecturer and tutor. He explains every topic really clearly and gives assistance any time needed in tutorials. I was pretty satisfied with the course.
- Jason is an amazing professor
- I'm in second year, and this is certainly the most structured, well taught unit that I've done. It's understandable and accomplishable.
- It was easy to contact both tutors and lecturer, which made assisted learning and faith in the subject constant throughout semester. Despite a lack of computer knowledge, this challenged me and made programming seem achievable!
- I like how this unit has given such good clarification for me as a beginner in computing. Jason is a very good lecturer and tutor. He would not give us the answer directly in tutorial but he would train our way of thinking, which is strongly helpful for the quiz and exams.
- Having Jason as my tutor as he explains everything clearly and thoroughly
- the tutorials were engaging and challenging....... it definitely did not seem too easy but it was not too difficult as to render the lectures useless
- Learning to do some programming.
- Learning how to use a new software, such as matlab, and how such a program can be applied in the real world
- Now I know how to deal with complicated questions on computers
- Learning about the two programs - excel and matlab
- Tutorials
- Learning how to solve complex problems using a computer
- Learning a completely new field to me and being able to understand a whole new world which opens up new opportunities and projects for myself.
- I do like programming with matlab and the labs each week are very helpful.
- Being able to write a successful code and running it
- The unit of study taught the basic of matlab and how it is applied to the open world such as engineering and science.
- The lab exercises are the key to understanding the content, and having the solutions in the end of the week helps a lot.
- Learning Coding
- The detail and depth of the lectures, and tutorial solutions.
- The lecturers and the tutors are very helpful and friendly. The resources are easily obtained and useful as well. Joe Nguyen is an excellent tutor, thank you!
- The tutor was helpful regarding tutorial exercise.
- Learning some basic aspects of coding and having a lecturer who engages actively with the students.
- The labs allow me to think critically and develop my practical skills of programming.
- Writing code in a simple way and getting it to work
- Having gone from not knowing how to code at all to writing some impressive and functioning codes
- Not-at-all boring lectures.
- I loved the diverse challenges the labs were able to offer me, and really enjoyed the thrill of completing each task.
- The availability of sample files, the readiness of the tutors and lecturer to give feedback, the enthusiasm of the teachers. Really, this course has been entirely enjoyable and stimulating.
- Lectures are good, clear information given
- simplicity of lectures
- Understanding functions in the general case and being able to write them for any problem that I might need to solve later on.
- the course is set out so that everyone can pass it! it has challenging parts for when you understand the content and it also has a lot of work that can be done to make sure you can understand the basics
- JASON CHAN
- JASON CHAN. ’nuff said. jason explain's concepts so clearly. Responds to emails promptly. Flexible with what labs to go to and how many. tutors were very helpful lecture auditorium has comfortable seats!
- lecture
- practice on computer every tutorial.
- i enjoyed both the lectures and tutorials
- Learning a new skill. Being able to see our code come to fruition, and the feeling of accomplishment that comes from it. The infrastructure of the website is also top-notch, absolutely second to none. If all units of study had a similar website, rather than their heavy reliance on eLearning and Blackboard, I feel as if it would be a much less stressful time when it comes to studying. Hats off to you for that component.
- Learning how to do tedious mathematical problems through MATLAB was the best aspect of computing engineering since it can be applied to nearly all other subjects that utilize mathematics.
- Having a variety of problems rather than solving similar things with Matlab.
- By using matlab and excel during this unit of study, I became able to solve different problems I came across in different units of studies im taking such as math and physics
- Learning the real fundamentals of using matlab was very rewarding for me, learning to think in new ways about problems I was confronted with has even helped me in other subjects
- i can learn to think about the questions by myself.
- From this unit, I learn the basic skills of computing which is very helpful and important.
- Learning how the 3D modelling features of MatLab, and learning MatLab functionality in general.
- Learning a completely foreign topic
- Jason Chan is a fantastic lecturer, he made content that might otherwise have been difficult into something accessible and enjoyable. ENGG1801 has been some of the most fun I've had in class this semester.
- Teachers are really patient while we asking questions
- the tutorials and help from the tutors
- Nasir's weekly question breakdowns. It was intriguing and helpful.
- Learning to make programs
- The tutorials helped me apply what i learnt.
- A healthy workout for my brain.
- The lecture slides include all the material needed to complete the lab exercises, this allows for effective individual learning. I appreciate having the worked solutions to compare my own work to.
- Possibility to use all the knowledge that I have learnt just after I learn.
- The course is straightforward in what it teaches in lectures and are thus easy to understand.
- The best aspects of this unit of study is that I can learn lots of things in the lab. What I mean by that is that we can solve questions by ourselves first and then we can get the answer straight away by doing the questions with tutor.
- In spite of covering lots of content, the lecture is really good
- Very clear presentation of all information, and lab exercises to reinforce theory from lectures.
- The flexibility of labs.
- The lecturer, Jason Chan
- The best aspect must be the lad materials and the lector notes.
- Learning how useful matlab will be for my future engineering tasks
- Delivery of content
- The practicality.
- the tutorial class make me understand the knowledge more clearly.
- learning how to write code
- The extensive online resources were very useful and helped me achieve good results.
- The best UoS I did in Sydney Uni. Jason Chan is an amazing lecturer. He is totally passionate about his work and this affect positively all students. One again, one of the best classes I ever had, even compared with my home university.
- The labs have been really good, as they let you learn how to code in matlab for yourself. And if you cant work it out, the tutor will always assist
I really enjoyed how the focus of the unit is not on remembering the material, but being able to UNDERSTAND and USE the material creatively to solve problems.

Learning how to solve complex mathematical problems quickly, and applying them to the real world in a way that would not be possible without computers.

The fact that they actually assumed that you understand nothing and teaches the basics and fundamental and helps you build on them.

the flexibility

boring 2 hours lab each week

Good introduction to basic programming for people with little to no experience

learn the knowledge of how to use matlab

You can just pay more time to gain a good mark.

Not much work :D

The course provides sample solutions for every questions which are very helpful to the students to do some revision for the course. The explanation given by the lecturer and the tutors (Katherine Kwa, Kathryn, Michael) is very clear and good. They explain each of the codes and steps for each question making the students to be able to understand how to program stuff using Matlab very efficiently.

Developing my computing skills has been a rewarding and challenging experience, that, while I have struggled, has bolstered my understanding.

jason chan the boss !! started from the bottom now hes here

Best lecturer ever! No more comment than that

clear relevance to other subjects, real world analysis. from zero -> actual programming/comp sci skills

Its practical and you can apply what you learn through tutorials which helps check your understanding. The lectures were simple and easy to understand.

This unit has the best lecturer.

The lecture notes

Labs have been interesting as they have taken what we learned in lectures and allowed us to use them in a practical way

introduction to knew field that seemed impossible to me but I know have a glimpse of what it means to be a programmer and what they do.

I thoroughly enjoyed this unit of study. We were provided with all of the information and guidance necessary to excel during the course whilst simultaneously being encouraged to develop our own solutions to the problems presented. In addition the lectures were very clear to follow, well delivered and provided excellent examples from which to draw inspiration. Additionally I was able to employ the skills I learned almost immediately in my other units.

Being challenged yet enjoying the content still as it was really fun.

More practical than other courses

Learn basic programming skills, how to approach the problems, etc

how hands on the unit of study is, making it easier to learn

There has been a great connection and relevance between what we learnt in the lectures and what we were doing in the tutorials

Learning programming for the first time!

The explanation during the lecture is very clear.

Very effective lectures and interesting labs.

The method taught by the tutor is good

Lecture slides

From the very beginning Jason telling us that having no programming experience did not disadvantage us in any way. I definitely struggled with the course but it's been enjoyable and I have made much progress throughout the semester.

Learning a new language and understanding the potential of MatLab

The lab exercises and the worked solutions that come out at the end of the week

Learning new methods of using basic programs such as Excel.

I just like being able to see the effort I put in turn into something rewarding. I also like how the objectives and goals set out by the course are very clear so it's easy to keep track of your progress.

The tutor was really helpful

- learning how to use matlab to solve mathematical problems and improve understanding of maths e.g. through graphs, matrices etc

It was challenging and assisted the development of my problem solving skills.

This unit of study is extremely well organized and all resources necessary to achieve good results in this course were readily accessible. The lecture slides provided all of the information necessary for the course, and hence I wasted no time searching through textbooks, etc. The course gives students every opportunity to do well in the course, even for
those who have no programming experience (such as myself)
- Jason Chan
- Learning a completely new branch of knowledge
- Learning a new and useful skill
- I really liked the tutorial questions and lecture examples that have real life/real world examples, these make it easier to understand what is what
- Practical labs, informative lectures.
- Accomplishing a good overall mark after the whole semester of learning.
- The ability to learn how to answer questions using code
- The best aspects of this unit of study has been working out how to do the harder problems and being able to apply my knowledge to new situations.
- Despite dreading the unit before I came to uni, learning to program has been very rewarding, entertaining and fun. I learnt something that will stay with me for years to come. The best aspects have been turning words into a cool creation, excel was a good way to introduce students to programming, and matlab was slowly built up at a steady pace to help me understand it. Jason is very clear in his lectures, and my tutor Katherine always seems to help.
- Clear and concise explanations
- Coding in a language I would have never considered before entering this course.
- Learning how to use MATLAB as an effective computing tool
- cant say it was a subject I enjoyed found it difficult even though I followed all the recommended tips to succeed
- Lectures
  - Jason Chan is super competent
  - Learning new content that I thought I never would learn. Also, putting together my knowledge to make something rewarding, like the movies or graphs.
  - The series of goals throughout the semester, there always seemed to be a purpose.
  - JASON CHAN!!!! King of RedBull!! He goes so fast, but still very understandable, he brings a new level\ of enthusiasm never seen before to the lectures every morning.
- Excellent course. So good I thought about changing to software engineering after it, and I'm in civil so that would have been a big jump.
- Learning how to write a code
- The Labs
  - Jason explains things really intuitively and concisely
  - learning a completely new skill
  - This unit helped me think in a simpler manner, that resists errors and results in correct solution. The think I really liked about Matlab is that it gives you the freedom of customizing a problem in your style, yet coming up with the right solution.
  - Improved coding skills, learning how to graph 3 dimensionally and manipulate images.
  - - lab questions
  - The best aspects of this unit has been learning new material and programs.
  - Qualified lecturer and tutor
  - Lecture slides are easy to read and informative which makes learning and studying easier. The tutorial labs are pretty chill and having a great tutor (JOE) helps a lot with learning.
  - it was really organized, labs and lectures corresponded well, exercises were challenging
  - The things I most were most appreciative of was the high standards of teaching from my tutor and particularly the lecturer, Jason Chan, who has skilfully delivered the lectures such that we could understand complex issues in programming with ease. The practical side of this course was pleasant as the tutor and lecturer made programming seem fun and challenging, and elaborated through difficult exercises with a holistic approach allowing us to learn from our mistakes.
  - Straightforward lectures and tutorials that have progressively gotten harder so as to allow me to continue to challenge myself
  - Being able to learn how to do Matlab programming though an independent style of learning. Furthermore guidance from the tutor expanded my understanding of the various topics within matlab.
  - The tutorials were very helpful other than the skills gained.
- Jason's lectures
  - the lectures being explained clearly
The ready access to all of the resources needed to do well in the course.
Jason Chan.
the teaching teaching method by Jason is useful.
All
Lecture slides were sufficient, no note taking was required.
Jason Chan, making pretty stuff on Matlab
Successful application of theory in a wide variety of challenging exercises during tutorials.
excellent lab classes with challenging exercises
The compulsory lab sessions force you to keep up to date with the lectures
It was very different from the subjects I had done in highschool. It has taught me the basics of coding using matlab, and that has allowed me to write programs without much help. It tests the limits of creativity and analytical thinking. It is challenging, yet logical, therefore it has made my learning experience very enjoyable and fun.
computing
Learning about something I had almost no prior experience with.
The labs are amazing. You can learn how to solve different types of problems using tools like Matlab or even Microsoft Excel.
being able to use one extra computing program and write codes
Lectures were entertaining and the labs were very helpful
hard
Free access to MATLAB Software and learning how to use it.
Learning and interactions with tutors/lecturers
The fact that the exams are open book, its helps be not to stress out before the exams. In addition, the materials we learn are very interesting and allowed me to see real life scenarios from a different perspective.
The fact that it actually teaches you how to solve problems using programs such as matlab. I feel now that I could tackle much larger problems using these programs in the future
There ain't no other best tutor than amrit sethi. He is on helping mode as soon as the tutorial starts and makes abundant comments on how and why he chose a particular way of answering a question, allowing me to understand not only one way but the many others to tackle a problem.
Useful skill set to learn, and interesting to gain some understanding of how code operates. Probably will be relevant to my course and degree. To be honest I did not enjoy this unit of study, but neither have I done well in it, so I suspect that this is more due to my idiosyncrasies than faults with the unit itself.
the lecturer Jasen Chan is very very good he explain things very very clearly but he doesn't allow question during his lectures as well as his tutorials but he allow as many question question at the end of the lecture as well as the end of his tutorials instead and this might not be favourable for some students who stuck in ideas in some the middle of the lecture or the tutorials.
Learning to code despite having no previous history of it. Seeing how it could be used in the future
It was fun, easy to learn and the tutorials were extremely helpful.
The sufficient laboratory exercise.
Excel
Learning step by step from the basics and progressing towards challenging programming functions
It's a well run course, Jason obviously takes pride in his teaching.
It is fairly interesting
Matlab
It's very interesting and is applicable to many areas.
Focus on application of knowledge
using computers and not paper
As I am one of those people who call themselves technologically disabled, the best aspect of this unit of study has been the feeling of accomplishment that follows the completion of every exercise. Not only have I been able to (FINALLY) learn the basics of excel, but with the great guidance of my tutor Rhys I have been able to complete almost every lab question which has been set. Rhys has been super helpful in teaching the tutorial class, always going through each question in detail after allowing us to first try it on our own. Jason's lectures have always been spot on also, although I can very much tell that he is aware of that.
The clarity with which we were taught - the resources such as the lecture slides are second to none.
the interactive labs
Matlab was really interesting and I wouldn't have known about it unless I did this course
The tutorials are helpful for learning the concepts, tutor/lecturer Jason Chan knows his stuff and able to teach the students unlike many other lecturers.
Completing tutorials

The best aspect of this unit of study is the availability of every possible resource so that everyone can succeed. The full availability of lecture notes, recordings, and sample solutions online, as well as the option of going to several labs. Everything is there to give us the best chances at success as long as we are willing and motivated.

The lectures

Matlab is really entertaining when someone knows how to work with it

for loop

Engg1801 has been a satisfying course, in that the labs were always challenging, but by working through the questions carefully, and with the tutor's help, I felt like I was able to master the content. My tutor Annie also ran our labs really well.

Getting a proper education in programming has been really helpful, I feel that the data I/O section was especially useful and powerful to me.

It has been very interesting creating different things on matlab that I never knew could be created so simply, such as the bouncing ball exercise

Having the opportunity to learn how to program, something that has been an objective of mine for years.

Easy to understand explanations of the content. Thorough worked solutions and hints/tips.

The way that it is regimented and so well set out, and the way it is really clear what you are supposed to be learning.

The best aspects of Engineering Computing are: 1. Feedback and solution - all tutorial questions are clearly explained with sample solutions provided. This helps as it shows you the correct way to solve each problem. This in turn allows you to learn how to think to solve complex Matlab problems. Every subject should be conducted in this manner! 2. Clear and concise semester plan. - A clear detailed plan of what will be covered each week is given. This allows students to plan their their study with a degree of flexibility. This not only reduces stresses, but in turn leads to better marks.

Being able to program and experience coding skills

J.C. The big bad boy. The one and only Jason Chan.

Lecture notes

I think my tutor Katherine Kwa is so nice and patiently, she always resolve the question for us clearly

learning how to use new programs

Learning a skill that I would otherwise have not bothered to learn.

It was intellectually rewarding as we got to learn a new program and try our hand at programming Matlab is relatively easier to learn compared to other programming languages and it is sort of related to my course and can be used for future purposes

the critical thinking which was required in the unit

This unit of study has challenged me to think in a different manner than an other subject or course would. I strongly believe that I have benefitted from this course as it has challenged me to adapt much faster to new content which has not been taught before.

Good lecturer, great slides, lab exercises were challenging, tutor is pretty cool and always helpful.

Learning how to program

Matlab weeks 4-7 and Excel

The in depth resources and support by lecturers and tutors. The layout of the course ensured that the knowledge learned was able to be implemented, ensuring that skills were picked up and remembered.

The lecture notes are the best source of this unit of Sydney

Learning something different than other units of study.

Jason as our lecturer and tutor has been doing a great job in helping us understanding concepts and developing learning skills in computing. He is awesome.

having Jason chan as a lecturer and tutor

The enthusiasm of the staff and tutors was very motivating.

Jason's epic notes, comprehensive laboratory sessions

lab

The lectures are entertaining and the lectures are very chill.

Tutorials

Applying knowledge from other units of study into a practical, developed course. Being able to see immediate results from tasks and having the opportunity to identify and mitigate problems greatly improved my learning

Challenging and rewarding

Absolutely satisfied. Everything has been helpful

the tutorial is helpful

The content and the passion and enthusiasm of the lecturer. Also the fact that the lecturer provides clear and simple analogies so we are able to understand the content much more easier.
· Katherine Kwa tutorials were extremely beneficial.
· Being able to learn something completely new, and having the opportunity to start on par with almost everyone else.
· The interactive tutorials
· Jason Chan
· The Tutors
· Creating Heat Maps
· The best aspects of this course was the enthusiastic and exciting nature of the lecturer and tutor, Jason Chan. He gave very helpful advice and tried his best to make the subject as interesting as possible.
· The challenge of problem solving, thinking differently.
· Learning basic programming has been really fun.
· Being consistently challenged and learning valuable content.
· Learning new stuff.
· The difficulties with Matlab and the eventual.
· Easy access to course materials.
· Jason Chan and his unbelievable enthusiasm, makes me always look forward to his ENG1801 lectures.
· The problem solving aspect rather than a lot of memory.
· lab
· The variety of learning areas; Excel, MatLab, as well as lots of smaller unit of studies in MatLab.
· The different ways of thinking required in computing, different to all other subjects.
· Jason was a great lecturer and I learned a lot in the labs.
· How concise and succinct the lectures were. Jason Chan is a very thorough lecturer and tutor, and made learning the material incredibly easy.
· All learning process can be done by having a computer rather than enormous amount of papers.
· Very well presented lecture presentation by Jason.
· It’s very enjoyable than other subjects while I am doing Engineering computing.
· the tutor
· The best aspects have been the labs, getting help from the tutors along the way.
· had a really good tutor, Rhys.
· The lecture which happens to be my tutor is very nice and he is very helpful and the lecturers are really informative.
· Learning something that will (hopefully) come in hand in the future.
· Developing applicable skills for matlab and excel.
· Jason’s voice.
· Great lectures and great tutorials, its pretty sweet, wouldn't change anything I don’t think.
· the study of content is the best, because all of those stuffs are very useful and practical.
· Being able to train thinking skills and understand what we usually see in an entirely different way. Learning outcomes are clear and objectives attainable.
· The full solutions for the lab exercises are posted.
· The Labs
· Worked solutions to all lab exercises, lab exams, and lecture examples. Very relevant lecture material which relates straight to lab exercises which is then directly examined in the lab exams.
· The best aspects of this unit of study is we don't need to get a textbook and we still be able to understand the lectures. Also it is fun to be able to play with the computers in this study and to do sth impossible for the 'me' before I enrolled to this unit of study.
· developing the programing skills.
· the lectures are very thorough.
· learn new skills and analysis of questions.
· The ability to be able to think critically and find solutions to problems are extremely rewarding. Learning how to communicate ideas through code is amazing.
· the fact that Jason tries hard to make everyone understand and also the resources provided to get assistance with the unit of study tutors were willing to help and solve out the problem each student had during the tutorial.
· Good learning resources.
· Learning New things - how to use a computer to solve a problem.
· Play around with matlab although I was a bit suffered.
· jason chans processing power in scanning the rows and columns of the lecture hall through a for loop.
Very useful programming experience
- It's pretty fun actually. Lecturer Jason is pretty awesome.
- Satisfying to do
- The tutorials by Joe Nguyen were well run and enjoyable. He achieved a good balance between helping when needed and letting us do the work individually. The course website, assessments and tutorial content were all useful and well thought out. This unit has excellent learning materials and the clear goals and concise information should be used in other units in this faculty.
- Having had no programming experience, I was pleasantly surprised by how easy this was. All the tips given were incredibly useful to me, and applicable in other units of study. The organisation of the unit of study was really well done; the way it is organised, having two lectures then a two hour lab works really well.
- The tutors are extremely helpful.
- efficient lectures, lots of problems provided with solutions
- learning to apply concepts that we have learned into different situations
- It has challenged me to think in a new way and has opened up a whole new interest in programming, something that I never thought that I would enjoy
- Jason Chan is an excellent lecturer and should be the standard for other lecturers at USYD, tutor Rhys Kilian was also excellent and by far the best tutorer I have had this semester. Overall this semester I have felt that USYD courses are massively over rated, but ENGG 1801 is an exception to this
- Getting to understand what we can use these programs for
- Jason Chan is an absolute legend - great lecturer and good bloke. Joe Nguyen has been a great tutor, explaining everything we need to know and giving the motivation behind solutions.
- The provision of the relevant information was excellent and the concepts were explained very well, both in the lectures and in the tutorials.
- Learning code.
- I really appreciated Jason Chan's enthusiasm for teaching, does this make sense?
- Real-world examples of content application.
- I think I like programming in general, Jason's teaching style helps a lot
- only 2 lectures a week
- THE LAB EXERCISE AND THE EFFICIENT LECTURES
- The best aspect of this unit is that it is fun to learn, and the labs have questions which are challenging but provide a sense of satisfaction when you can solve them. Once you learn the basics you can immediately begin to see possible solutions to completely new questions, this class is about learning how to solve any problem you are presented with.
- This unit of study forces me to think logically which is really great, I rarely use it
- Enthusiastic and knowledgeable tutors and lecturer.
- Just learning something new and knowing that I have acquired a new set of skills under my belt.
- Little to no prior knowledge.
- Fun
- Matlab is cool.
- I have never had any programming experience before and it was so fulfilling to learn this new skill in a fun and rewarding way. The lectures and tutorials were all very well structured with step by step guidelines and sample solutions as well as very comprehensive and engaging lectures and lecture notes. Unlike other units of study, this coursework was always fun and enjoyable and it was so rewarding to see the skills that I've learnt be put into practice.
- The tutors have been very supportive and how satisfying it is when your matlab code works
- The lecturer and tutor's enthusiasm for the course, and their willingness to aid student's learning.
- The thorough tutorials and the motivational speeches from Jason. The lectures were also extremely relevant to my success in lab exams.
- Learning to solve problems using computer code. Altering images and developing movie-like displays using MATLAB code.
- The best aspect of this unit of study is that it is very light weighted compared to other units of study yet challenges to grasp the information and techniques correctly to make use of it. Also providing a 2 hour tutorial with very enthusiastic tutors motivated many students to do well in this unit of study.
- Matlab has been a difficult yet manageable and somewhat enjoyable aspect of this unit of study
- Helped me to discover something I'm good at and learnt that coding is fun.
- Having a good understanding with matlab.
- Really interactive and lots of opportunity to improve
- learning how to make movies and images
- Nice and clear Lab experience . - Jason
- I have a chance to do the work by my own
· learnt valuable computing skills which I think I will use in the future.
· The lecturer- Jason, He is one of the best lecturers I have ever had in 5 years of study. He is very efficient and knows his content inside out, and can explain efficiently and clearly. He even knows which slide in which lecture we should refer to for a question!
· What you learn is practical and applicable to daily life
· I have never had any programming experience in the past, and this course taught me the skills in a logical way and I feel as though I have developed useful skills through the course, which I otherwise would never have gained.
· Being able to learn computing and then almost immediately applying the skills I learnt in both Excel and Matlab in other units of study, specifically in the first year physics computational courses. Also the content is delivered in an easy to digest manner and I felt the lab exercises worked well to solidify my absorption of the information. Furthermore, the sense of achievement of doing the lab exercises also contributed to me liking this course. Open book lab exams helped lower the stress of memorizing all the information and is a good aspect of this course. Both the lecturer Jason Chan and my Tutor Joe Nguyen were great at explaining and teaching material. Flexibility of the tutorial and lecture times is also great when juggling time and unexpected time changes in my schedule.
· the clear cut guidelines of the course and what it expected you to do; it challenged and rewarded me.
· Jdogz
· Learning how to write new programs, very challenging
· Awesome Lecturer
· My tutor (Jason Chan) is really helpful. The materials of this unit of study are not hard to understand since the lecturer explains them clearly.
· Very applicable to what I do. Even outside of University.
· The labs
· I felt I learned the most in the lab portion of the class.
· Interactive and engaging lectures, being able to apply exact knowledge learnt in lectures to labs.
· The lectures were clear
· The layout of the content
· Organized material that helps a lot when studying.
· The lab is really useful.
· learning how to write codes
· the lecture notes and tutorials were organised well. the tutorials are really good in testing the lecture notes and have questions from all difficulty. and freedom to attend more labs
· The ability to learn and develop a good thinking when it comes to some minor programing. This unit of study looks simply but there are a lot of challenges in the fundamentals and how we could approach a problem given.
· Overcoming the challenge of first not knowing what to fo
· The tutorials were useful in understanding both techniques (how to actually write code for certain questions) and concepts (why we were using certain techniques in different circumstances).
· Jason Chan’s engaging and enthusiastic teaching method keeps students awake and responsive throughout the lectures and tutorials.
· The tutorials logically set out how to approach unseen questions in a simple and effective manner and provide a sufficient amount of time for students to see what has been done, digest it and understand how the theory relates to the practical examples
· The lab exercises themselves were fun to do
· Learning how to use matlab and excel as both are skills that have use in the future
· Lecturer is good.
· The work is very interesting.
· excel
· The new skills that I have learnt
· Matrices
· lab
· it forces you to think
· To teach me how to use logic to solve a problem I am unsure how to solve.
· Actually writing programs, not just theory
· We get to learn through lab exercises with the demonstrations from tutor.
· The labs have been the best part of this course, as my tutor Amrit Sethi has been helpful in me understanding the concepts and thinking process behind succeeding in this course.
· Jason’s lectures are much more engaging than other subjects. He moves briskly but clearly through the content. The labs have clear questions, and it helped that I could see which questions were designed to assess which skills.
- The clear explanations of the lecture slides and the specific teaching in tutorial
- I find some of the lab exercises very interesting and fun, I especially liked the beginning of matlab
- Having a new learning technique
- Labs
- The quality of the tutors and the lecturers was outstanding. The tutors I have experienced were Michael Li and Jason Chan and both were incredibly helpful.
- Almost everything. The lecture is clear and lecturer is nice
- The teaching from both Jason Chan and the tutors have been exceptional.
- good tutor
- how the tutor explain briefly the method on doing our works
- Tutors
- This unit of study has helped me to improve my programming skills.
- Jason's lectures
- Learning some basic computer knowledge
- Jason Chan is enthusiastic when teaching the lectures!
- Lab tutorials are very well designed. Easy to see progression in the subject and find areas that find need improvement
- Being able to use this unit of study into other units of studies.
- The lecture recordings are great compared to other subjects.
- I knew most of it already so it was pretty easy
- Now I can approach a problem through logical steps. Also, the lecture notes are fantastic and cover everything simply and effectively.
- The challenging problems and different ways of thinking to solve each problem
- making things work when you code it properly.
- excel
- The lectures are entertaining and engaging. The course does well in teaching people with no experience with programming or computers about basic programming concepts but for people who already have this knowledge it is a good revision. Jason Chan is an excellent tutor and lecturer.
- It has been interesting to learn how to use matlab
- The labs have been extremely rewarding. The tutor, in my case Joe, is an exceptional tutor who knows his content and is always willing to teach. The lectures are run really well, they are informative and the resources/ material is great.
- it's interesting
- Learning computer coding
- Learning how to use matlab and Excel to calculate some questions
- the completion of complex code
- The weekly Labs
- The assessments were clear and you were not expected to rote learn everything. Access to past materials helped immensely
- Labs and tutors. Very helpful and well organised
- tutors
- this subject has challenged me and made me realise solving questions using excel and matlab are fun
- Developing my problem solving skills and learning how to solve questions using a program which I had no previous experience with.
- Lecturer explains everything really well.
- Just going through from the start of basic coding
- Challenging myself in problem solving skills
- I have found the tutors helpful as they are able to explain things well.
- The practical nature of the course and the fact that it is ICT based, which is a welcomed difference when compared to other pen-and-paper based units of study.
- Being exposed to something that I did not know anything about before.
- lecture notes
- the learning itself about the logic of coding and logic of the computing
- This course is practical as there's a lot of real-life problems are given as either Lab Exercises or Example For example, drawing a map using Matlab
- weeks 4-7
- Engaging with the content, practical and applicable
· The way the lectures and tutorials are set out and taught means that complex ideas are conveyed easily and you are showed example of how and where you can use them as you are learning them. This is really helpful as it allows you to see why this course is a must do for many types of degrees.
· The content in the lectures are explained really well, and the lecturer goes step by step through everything which is really helpful.
· The overall professionalism of the course.
· the tutors

Q12 What aspects of this unit of study most need improvement?
· no
· It is still quite difficult to understand by attending the lecture, listening and looking at the lecture slides, and the lab exercises sometimes can be very challenging
· more interaction between student and tutor, perhaps extra time allocated where students can approach the tutors and get one on one teaching
· All college computers should be able to load matlab
· Could it be easier?
· Too good for further improvement "wink wink"
· Some labs are significantly significantly easier or harder than others. The hard ones were difficult to complete in the lab while we were leaving quite early from easy ones. Basically, more consistant difficulty.
· Maybe a few extension questions every week of non examinable material for the better students to have a go at.
· My marks.
· There is a lot of content to be covered in a very short space of time. with approx 25% of the course failing every year, there is an assumption that the content is easy and can be grasped at a 90%+ level in little under 13 weeks. Similarly, having as many students as the course does, there is a large push towards either understanding the content or being left behind. Bit of a feeling of 'guilt tripping' if you don't understand the content, when others do.
· students need the example exam exercises
· content consistency in the lectures - some were very heavy and some were very dry - even it out
· greater access to computers outside lab times for computing students
· The explanations during the lecture were sometimes rushed and difficult to keep up with
· Greater avenues for extra help.
· I felt that during weeks 4-7 I was frustrated by the practice exercises. I wished there were more easy and basic questions to get a better handle on for loops before getting onto the more complicated and interesting ones - perhaps some easy and optional questions could have been provided to finish before labs, outside class for students who struggled with that like I did. Also I felt that the emphasis on Matlab rather than Excel is misguided. Excel is much more widely used in the workforce, and I felt we barely scratched the surface with 4 weeks on Excel basics.
· -
· Allow it to move onto other computing courses
· More lecture streams :(
· More questions such as ones before lab exams meaning sample exams etc.
· The computers, and solutions should be available online for the lab exams. Also a sample quiz for lab would be great
· Very little, I would appreciate a set of syntax summary notes to be given out at some point in the course, but it is a minor point.
· I can't think of any point to improve
· Maybe cut the tutorial class size so that the tutor can have enough time to help everyone.
· the solutions. When uploaded online should have a person speaking in the background helping explain whats going on. not all students could make sense out of every solution so having a voice explain it step by step would be rewarding for students
· My tutor was not the greatest. She truly did try and was helpful when questioned. However, she did not teach much at all, instead just doing questions on the screen. Furthermore, unfortunately her grasp of english although good is not complete and she was difficult to understand (of course part of the fault here is my own). Ling Luo.
· More lecture times during the final few weeks to explain the content, accessible from home.Marking the lab exams
· I think it may be a good idea to record the tutorials so that we can listen to them again and again after the labs because I find that many things my tutor (Will de Ferranti) tells the class during these labs is very helpful.
· One minor thing which might need improvement was the return of marks for the lab exams. I felt this could have been done a little more clearly, perhaps by sending students their individual results.
· When looking for information to help study, the lecture slides can be difficult to search through due to having so much contents in each. A REFERENCING SYSTEM FOR THE LECTURE SLIDES WOULD BE PERFECT!
· Could be more interesting with more challenging problems.
- the lectures are not very useful may be better to integrate lectures and tutorials
- Nothing
- Increase the level of the exercises and the depthness in MATLAB approach. The program of the course wasn't enough for some other Units that I'm doing.
- The timing of the lectures and the tutorials sessions.
- none
- the exam is too hard
- Switching lights on and off was a bit irritating during the tutorials. Perhaps keep them on or off all the time? Eyes getting shocked at light changes.
- Sometimes you may need more time to digest in the tutorial
- More space in lecture theatres
- the course is a littlr bit hard
- Need more sample questions and answers
- The computing experiment
- At some points I felt as though the tutorials were a bit rushed in some sections and some students required more help/guidance than the tutor was able to give with the number of students and time constraints that they had.
- Some times tutorial time is not enough it means tutor would not finish all the Q in tutorial
- everything
- Jason chan's tutorial- more time to think for yourself and work out the question before the we start going through it
- We need practice quizzes for the lab exams
- Would have preffered to also learn things such as binary
- matlab needs to not be a thing
- ..
- Assessments. Having take home group/solo assignments would be beneficial to the learning process.
- lab exercise should be clearer on which part is developing what skills/course contents)
- From weeks 4 to 7, you're thrown into the deep end, and if you get lost there, it's impossible to pick it back. Maybe balance it out a bit more?
- Speed during lectures. Found them a bit fast sometimes
- Towards the end of the course, lectures were reduced from two lectures per week to one lecture per week, it might have been better to go through the lectures more slowly and have two lectures per week for the whole semester.
- no
- Giving more details in exercises(where to find help from lecture notes).
- In the lectures the content is rushed, needs to be slower to assist slower learners to grasp concepts. Also more past paper revision material would be most helpful in ensuring students prepare adequately for the exams.
- I think we could go through more topics on excel.
- Computers are a bit slow
- It would be nice to have a 5 minute break during the tutes to go outside- they get very tedious.
- Maybe a few more comments on the exams and marking
- Not much to be honest
- i think the lectures andf material after week 7 became boring and different in a way
- Examples in lecture slides that are more relevant to the questions asked in tutorials.
- individual help
- Assessing similar content that is seen in the lab exercises.
- Lectures
- If Jason Chan stopped talking about himself so much. Also the tutorial questions would be a lot better if they had good hints that suggest how to start a question or if they informed you of coding conventions that you should immediately think of when you see certain kinds of questions (i.e. "for" statements and matrices are frequently used together).
- I believe this course is well designed, I cannot flaw it at this point in time. Maybe the opportunity to display past assessments as well in preparation for the lab exams? I don't know if that would work though.
- This is my second time taking this unit. I really struggled with it in first year and I didn't help myself by not going to a lot of lectures. This time however I am doing much better yet there is a large part of the teaching of the course which I find so hard to grasp. I can follow a solution well in the lecture and I can do most things myself in the lab but I really feel the pressure in the quizzes. The questions are too tricky for the time limit for me personally and I kind of freak out about not knowing where to start. I feel like if there was more weekly work to hand in or like online tests to do like for other engineering subjects then there would be less pressure on the quiz. I think that it was a good idea to remove the assignment and have lab exam 3 as it forces you to study more of the course. I think Jason Chan is a very good and clear teacher but I think that saying how its so easy and everyone can do it may be working against what he hoped as it
makes you believe you don't need to try as hard.
· The amount of practice questions that are given. Methods of study were very biased towards the lecturer's and tutor's preferences.
· One aspect that requires improvement would be the deptt the lecture material provide in relation to the exercise as well as the lab exam.
· Nothing.
· One on one support
· Sometimes harder things are covered a bit too fast.
· Accessibility to Matlab outside of the University
· n/a
· Nothing needs improvement. Everything is running perfectly.
· Going through the solutions to lab exams was done too quickly
· The lectures need to be slowed down and bit, lecturer moves too fast and is too rushed which makes it hard to keep up.
· Project work could increase learning and inculcate greater interest and also show us applications in the real world.
· nothing needs improvement , it is not interesting to all students , most students find it hard and boring with all respect to the tutors and lecturers they are really good at what they do , but it is not an interesting subject
· The lectures moved a bit too slow in some places and then skipped other places where I would've like to go over a bit more. For example, sometime 4 examples are used for 1 code function and then no examples for other functions.
· At times, my tutor Kathryn was unable to explain parts of the course as clearly as needed for interpretation.
· More lab exercises to be done in our own time
· lab exam structures, half written half coded, e.g. question that can be implemented: fix errors in this code that is given and write comments
· Harder questions from tutorials would be better if they had an online walkthrough of how to do them.
· The course is overall fantastic but we never work in groups, I've heard that the group assignment got removed and believe that although a lot of students will copy each other it is important to learn how to write a program where you haven't written or maybe even full understood every part of the program
· MORE JASON CHAN
· mate, this course is great. walking to SIT from eastern avenue... worth walking to see jason teach.
· the lectures
· function
· maybe having separate tutorials or more lectures for those with less programming knowledge
· time for tutorial is not enough to finish all excise
· It is hard to log in to the computer of lab in link building.
· Can we learn the basics of some other coding besides matlab?
· The lectures. I feel that a lot of what Jason said could have been more concise to reduce confusion. While the lecture slides were quite extensive, I felt I would have benefited more from some slides on each lecture which gave a summary of the mode of thinking or methods in using some functions. Additionally, while he clearly has an abounding knowledge of the course and Matlab, I found Jason to be quite intense and at times frustrating in his lectures, coming off as arrogant at times. However, in all of my interactions with him over timetabling, he was always responsive and respectful, so it's a two-sided argument. His final lecture was absolutely fantastic, however.
· In the tutorial questions it would've been much more beneficial to us if we had references to certain lecture slides that would guide us to answering it correctly.
· -
· Maybe extend the lab for extra half an hour , so that the tutors will be able to demonstrate the last questions, which are similar to exams style questions.
· I think the only thing really needed is more feedback, someone to specifically tell you how to improve your code when there is heaps of students in each tutorial is not particularly possible.
· no
· More practice or just leaving some homework to do would be better.
· Lectures were not very informative at all. The provided the absolute basics of what was required. While critical and logical thinking skills are a key part of this unit of study, the lectures could definitely use some more informative styling, such as more complicated examples with more detailed breakdowns of the examples. The labs were good for the most part, however the tutors were not very helpful when you could not do the question at all. Jason told us not to copy the tutor when questions were shown, but it was hard not too when you had no idea how to do it and all the tutor did was re-iterate the question you're stuck on when you asked for help. I think tutors should be able to go through a question with you if you have written out some code and are having trouble, and be able to break down what you've done wrong and how you could improve. I feel this would be much more effective than getting it wrong and ending up just copying the tutor anyway.
More access to past paper questions.
I think it's a shame there wasn't an assignment like in previous semesters. Maybe there's a good reason for that, but I think it would be good if we were at least given access to some extra project-style questions to use as study material.
It is great, no need to improve. Just keep it.
remembering all the functions in matlab is a pain, so maybe like a function sheet would be nice
Jason talks too fast, he needs to slow down. It does not make sense.
The sample solutions. It might be better if there was like an explanation for the code as well
Can't think of one
To allow students to practice their coding, I think it would be helpful to provide additional questions for the students to complete after they have completed the tutorial questions
Too many students in the same lecture classroom, there is no interaction between the lecturer and the students, I was expecting more from a so regarded university.
Tutorials need to cover the harder questions during class as to encourage students to understand them. It's fine being shown how to apply into the tutorial what was learnt in lectures but this will only show the basic. Exam questions are usually hard hitting and requires thinking outside the box which not every student can easily pick up.
Nothing much. For me, everything is good.
The questions for the tutorial often are not all covered due to limited time. Maybe one more hour tutorial would be good.
Need more reinforcing on how to code in the most efficient way, as all the marks I lost in the lab exam were due to inefficient coding.
A little too much maths involved in solving some of the questions
i think the only thing need to be improvement is the time of the lector , because sometimes i feel sleepy.
none, its fine
Marking
Nothing that I cant think off! This U.O.S is one the best units I've taken so far!
no. I think everything is ok.
the availability of computers that actually work for the exams
The worked solutions after exams need to be posted as its hard to learn from my mistakes in the test by just listening to the tutor
Perhaps some extra time/labs which specifically tackle the harder examples and question from each week. I found at a certain difficulty I needed more help and these questions weren't done in the labs.
Providing supplementary exercises
Clearer projectors in tutorials as it is quite blurry
Have more questions which students can attempt in their own time so they have more resources to study for exams
Assessment and final are too hard, too difficult.
Computer availability
All of the computers in every labs should be made available during every lab classes. In Michael's, a bigger slide should be used. ( I personally find the lab is not really conducive for learning )
I found it very silly to have elected the Wednesday lecture to resume for the last few weeks considering that many students would then go into their tutorials without the sufficient knowledge and thus struggle.
Jason Chan needs to lay off the speed and take his time , but hes a top bloke
section on movies/heatmaps/games doesn't contain enough material, or perhaps too fast. Would like to be split over two lectures. The questions in tutorial 11 (question 3 especially) seemed more advanced and required some skillsets not taught. For example, how to lay out a program with many interacting functions. Required setting out of variables, functions and program flow prior to coding that wasn't actually taught.
Technology available to students need to be of high quality. Guidelines on how lab exams are marked
To slow the tutorials and tutors should explain more
Sometimes I'm not on the same page as the lecturer
Maybe access to additional questions to practice before quizzes and even sample quizzes
maybe a little more emphasis on how to 'think' like a programmer would be helpful but this really was an excellent unit.
More practice exams/exercises before exams/
MATLAB availability without vpn on personal computer outside uni. Some antivirus caught the recommended vpn as Trojans.
The tutor needs to complete ALL of the lab exercises in the lab in the time provided (ie 2 hrs)
Lab should be after the lecture
More problems to solve.
the air condition is too cold
Nothing

Unfortunately for both lab exams I've had issues with my computer. One did not have matlab and the other restarted for updates in the middle of the exam. I was given extra time but it would be ideal if this didn't happen!

I like it the way it is now, but I think we still need work for home.

Slow down on the content.

I actually had a lot of trouble accessing Matlab outside of the timetabled labs, mainly because I didn't have my own laptop for most of the semester and my home internet connection is very slow so I wasn't able to download the program file. So studying for this subject has kind of been difficult without access to the program.

More time in the labs

More access to questions to practice

The tutorials move at a manageable speed, however, we often do not cover all of the exercises. I believe that the tutorials should be extended to 3hrs in duration, in order to allow students sufficient time to complete the exercises in the presence of a tutor

More resources and past papers to be available

More sample exercises would be helpful

The tutors should move around the class quicker, to save time for the students who want to get ahead

The layout of the program requires no alterations. It provides all the necessary tools for students to achieve high distinctions.

Not much

The only improvement I can think of is currently (week 10-13) the difficulty of matlab has increased quite a bit and now we are only having one lecture per week. I would rather a second lecture so that Jason can go into more depth about movie making and modifying pictures.

Some questions in the tutes eg week 10/11/12 are REALLY hard to solve on your own.

Not too sure

Slowing down the difficulty jump from 4-7 to 8-12. It suddenly went 100kph from a slow build up of difficulty.

The number of working computers in the labs, a list of times and places where computers with MATLAB are available

the unit itself is fine I just personally found it a very challenging course

The time given for such large amount of information

More practise questions to prepare for exams

Some tutorials start off easy then very suddenly get very hard. I think they should start off easy and more progressively get harder.

More writing of code (pen & paper) during the semester. Perhaps a 5% assignment?

Some tutors convey ideas and concepts much clearer than others. There needs a balance.

sample solution should have reference like say sample solution for Lab9_q1_2 should include look at lecture9_2 slide 32.

Some labs had to much content in them, struggling to finish

Pace if possible. At times it seemed as if the class went too fast on key points

Nothing really, maybe shorten length of tutorial/lab.

not enough time to complete all the tutorial work

Maybe more examples of complicated problems could be used in lecture notes to become familiar with lab questions and lab exam questions.

the questions should be made easier. the final exam should be done on matlab

Not much, I think you will get out of this course what you put into it. I may not get a distinction or High distinction but I have enjoyed this subject never the less.

- n/a

The course is great do not need improvement.

no

Maybe spreading out lecture material as the content in the later weeks is a bit more challenging

none

I strongly suggest providing extra questions for studying for an exam.

More examples need to be given

Going through more practice questions during lectures.

Lab

Matlab is needed to be improved for all access outside uni
Less pedantic marking
JC needs to act nicer to his students
Better explained sample solutions
More of a logical step between different aspects of the course. Personally the images part of matlab felt a bit isolated from the rest of the course, and became difficult to follow.
Not much
Computers are dodgy sometimes.
Slightly better coordination between Lecturer and tutors as sometimes the way certain things were taught was slightly inconsistent.
No aspects to improve. I think this is a very helpful and complete unit and all engineering students should do it.
past exam papers and more exam question examples would be good
Some of the harder questions need more time to be explained fully. text strings and images were particularly challenging for me and I would have liked to do these slower than we did.
lecture
Assumption in assessments that all students that will pass have a perfect understanding of the myriad combinations the codes can be arranged in without consideration for their previous education in related courses such as Math.
Having all of the assessments during the labs, and then having the final exam on paper is a strange format, one that could be done better.
no
not only this but all other units to display grades on the blackboard site. it is very frustrating to head onto different websites and calculate your grade per unit. Thanks
Software problems in labs- e.g. sometimes being unable to logon, unavailability of u-drive. etc.-are minor issues but still inconvenient and annoying I found lectures oddly paced and extremely difficult to focus in/learn from- not sure how to fix this though, might just be my problem Is there any way matlab could be made available on ipad? probably not, just that since I can't afford to buy a whole new device for one unit this was also inconvenient, but probably cannot be helped.
can aren't variety of correct solution there are limitation in the solutions of labexams and every week lab solutions every thing has to be done in certain way otherwise you will lose marks ( can't be more creative)
More personal feedback on lab exams would be helpful.
A possible improvement would be giving out practice papers for the lab exams/finals so the students can be more comfortable with the particular question style of the lab exams/finals.
N/A
Matlab
Perhaps include a peer with peer assignment so that students can learn from the mistakes of another.
Some of the labs (Wednesday 11-1) were before the 1pm lecture stream on Wednesdays. This made it tricky trying to do the lab exercises each week.
Possibly spread out the lectures more to continue in weeks 11-13 on Tuesdays, and cover less content in more depth examples and sample questions
The duration of the tutorial should be longer so that the tutor can go through all the exercise questions in detail so that students can better understanding the approach to solving certain questions.
final should not be paper based
Not too much really, I have been told that I personally won't be needing MATLAB too much in my degree (Civil) so I can't really ask for anything else.
We don't often get a huge amount of feedback - most of the time we are told to just look at the lecture slides, which while they are great, they aren't the same as having the concept explained by the tutor.
Nothing really.
Lectures themselves are boring, lack of interactions between lecturer and students
Engagement levels of lectures
I cannot think of anything that would need improvement.
The lab sessions need to be more entertaining
nothing
the code which is hard to remember
Just a small thing, but it would help if the powerpoints had a description on the Engg1801 web page of what they covered; would just make going over old lectures a bit easier!
Perhaps one on one help focussed on a bit more strongly instead of the lecturer going through problems.
There is a lot of content to learn so somehow shortening it and focusing on the areas left in much more depth
Direct lab exam preparation exercises.
Sometimes the lectures and tuts feel a bit impersonal at times but this has improved a lot throughout the semester especially as I realised Jason had remembered my name.

It is hard to think of any aspect of this unit of study that would need improvement. But if I was to be very critical, perhaps lecture notes could not be a yellow background colour as it uses way to much printer ink (both grayscale and colour printing). Perhaps providing a pp link to the slides where the students could edit the slides, or just having a white background for the lecture slides uploaded. Overall, a very minor issue in a unit of study that is so close to perfection.

just go a bit slower in every aspect

The boot time of the SIT Lab machines

Nothing

more easy

slow down as it is difficult to keep up

Access to other exercises and learning tools. Maybe some online quizzes to help revise simple concepts.

Maybe instead of 3 quizzes there could be an assignment as well, this will allow us to explore other functions of MATLAB and develop something in our own areas of interest. A sample quiz could also be posted so that we can get a clearer idea of what the quiz questions are like, as simply stating “it will be the same level of difficulty as the hardest tutorial questions isn’t very useful.

please don’t make lectures after 8 weeks boring

As well as posting sample solutions for all the labs on the course website, a video of the tutor doing it, explaining his or her thinking process would also be very beneficial as it would allow a greater understanding of the code itself.

Sometimes the problems can get rather difficult, and the logic behind MATLAB is incomprehensible (probably just my failings, to be honest).

time management

MATLAB weeks 8 onwards, I feel as if Jason makes a big deal out of weeks 4-7 so we try really hard and concentrate and when we get to week 8 we take the foot off the pressure and don’t concentrate as much

Nothing, the unit of study is the most well structured one I have done!

the lecture recording need to improvement. When the lecturer show the steps of how to to do the example, the recording didn’t show anything in this time. So we can not see how to do the examples step by step if we miss the lecture.

Some tutors are not as responsible as Jason, so some students enrolled in that tutorial will be disadvantaged of others. This should be improved as equality is necessary.

not sure

The engagement with the students progress on a weekly basis, not simply at the time of an exam.

more lab time to go through each question to help every one understand, since not all students think alike and get the idea so quickly and easily

Amount of work load

The pace of the lecture material was quite fast in comparison to other units of study. I found it sometimes difficult to keep up

Can’t think of anything

I think we need more practices


the speed at which the lectures go

Ensuring all computers are set and ready for students to come in and immediately start working.

The organisation of lectures before tutorials for most students

Jason Chan

The details of each lab exercise

Although little needs to be improved, maybe hints can be given in the lab exercises.

Having a programming final exam be hand written seems really counter-intuitive. It just makes everything more difficult for the students.

nothing

Exam/quiz are so hard as compared to lab and lecture

The speed in which the content is taught...sometimes overly fast-paced

nothing

The length of time of the tutorial should be able to cover all of the questions in the Tutorial Sheet, most of the times, students were not able to finish all the questions within the lab session.

Possibly the pace, lot of self learning is required, can be difficult at times.

Some of the computers don’t work at times

The excel unit seemed very boring in comparison to the rigorous approach to MATLAB. But this is a nitpick.
- So far, everything works perfect for me.
- Need to upload Lab Sample Exam for the Lab exam 1, 2, and 3 before the commencement of the exam.
- Need more exercise to partice by ourself.
- Nothing.
- Too much commenting, may initially we can comment on EVERYTHING but as we move on I feel there is no need to comment on EVERYTHING.
- The assessment part of this course is one of the problem. The exam questions is not clear enough and sometimes can led to a problem when you are giving the answer. I strongly hope that this unit of study and make their questions more clearly.
- My tutor, Jason may have been a little pushy at times (but a great tutor). From a learning perspective that's a good thing, but sometimes it made me a little more stressed then I thought I needed to be, and personally I didn't need any push, I was/am doing very well my way.
- I think the lecturer needs to go slower in the lectures, the pace is extremely fast and lecture material is much easier than lab exam questions. I think they should be of a similar standard considering the huge amount of content that is learnt each week. It's a bit overwhelming.
- I think that this course can provide more lab exercises and examples would be better.
- Not much.
- Making sure the computers work during the exam.
- The lectures, little is actually learnt in this environment.
- More access to computers with Matlab during busy university periods ie. 10am-4pm. On a few occasions I wished to complete some Matlab exercises but all the rooms had tutorials running (often for other subjects). In my tut (Link222), the computers were extremely slow to load and some did not have Matlab installed. Some computers seemed to have Matlab installed at the beginning of semester, but did not have it installed in Week 10.
- No improvement is needed.
- The lectures need to be more engaging.
- Times of lecture, as it is either really early or in the afternoon, and people tend to dose off during the lecture. An ideal time like 10 or 11 would be a better time slot where at least then, the students have time to be fully awake and not be so sluggish from having classes or from eating lunch before hand.
- Understanding of questions.
- None.
- Need some past papers available instead of just bare tutorial questions. Especially for final exam preparation.
- Small technicalities - like when using excel, do you drag the bottom right of the cell of the middle of the cell. I feel that small things like this were overlooked and assumed, and led to unnecessary loss of marks.
- Easier lab questions.
- Some more continuity in the content eg referring to previous labs/concepts/tools throughout.
- More time to interact with the tutors about specific issues and understanding.
- Other tutorial teachers are not as engaging as Jason.
- Improve the quality of the lecture room speaker/microphone system.
- I found the lectures quite slow, but this could be a personal reflection. The only thing that was a little frustrating was the consistent comments by Jason about how awesome this unit is. Let us discover that for ourselves, it's a little off putting having it reinforced so much.
- More advanced questions or questions in general to practice.
- Efficient tutorials need to happen.
- The pace.
- Student feedbacks after lab exams.
- Not much.
- Helping those who really struggle to understand.
- Make sure all needed content is in the lecture slides and not taught in the tutorials.
- Computer terminals need to work more consistently. A lot of computers often refused to log in/connect to servers, especially terminal LINK-122-06.
- None.
- Would be nice if the lab computers got a good cleaning once in a while :p.
- None.
- The lab exam is a little bit difficult and as far as I am concerned, the final exam should be proceeded by the computer instead of the paper and pen.
- Sometimes we do not have enough time to complete all the lab questions, however this can be solved by going to another lab.
· I cannot think of anything right now
· More content. Those "lectures that won't be running" could have included some of the applications of Matlab left out of the course.
· More help with the harder parts of the lab exercises (eg, q4 and further), would like to spend more time in the lab doing them instead of at home where I struggle a bit.
· Tutorial's can be quite difficult to finish in the time allotted, some were not even completed by a single person in my tutorial
· Practice questions for the quiz's
· Why there is no assignments?
· Access to lab exam questions as well as practice lab exam questions would be greatly beneficial to studying for the end of semester exam as well as for furthering the development of our skills
· less marks for the layout
· The lectures on functions could perhaps have been clearer.
· None
· I found this unit of study to be running very well, and can not see any improvements to be made.
· Encourage the students to be a bit more creative. There are not enough practice questions to do in prep for quizzes
· Fixing the MATLAB function that can play movies
· No, It's a nice course.
· need more examples of different types of questions
· lab is too short
· Resources specifically computers in a lab are very slow and somehow cannot be open. Some students didn't have computer to do the lab exam in their own tutorial, I experienced myself so that I have to do the exam in the extra lab at 7pm! It was horrible and I did badly. I just don't want others to experience this so please do somthing
· the amount of content covered was a lot.
· While Jason was a terrific lecturer, I didn't enjoy the subject very much. The assessments tasks didn't challenge me to learn, they were a source of worry instead. I didn't like that this subject was compulsory, it shouldn't be. The exercises in the labs were a bit too much, especially for the time frame and amount of people per lab, because the questions require thinking and asking questions and it was impossible for the tutor to answer everyone's question and get through everything. Also the lad exams should be allowed to be taken home, and the solutions be available online. I can not stress this enough. What is the point if we can not go back over them, because the lab exam is the closest thing to the actual exam. Also the lectures should be available to download as a video, not just watch online.
· More learning/ study resources, a bit more patience by tutors
· I think the course is perfect. The tutor and lecturer are awesome, and the tutorials and lecture notes were easy to understand from a beginners perspective. I think that the removal of the assignment may be an issue though because we will not have had the experience of completely creating a program and debugging it, hence not gaining as full an understanding of programming.
· I would like some practice exams to be posted up so we can practice time management in exams.
· n/a
· You need to have matlab on more computers around the campus. Also, there needs to be more resources available for students (eg more practice qns, access to questions from recently completed exams so that we can see what we've been doing wrong)
· none
· 5Minute breaks in the 2 hr labs
· Sometimes the labs are very intense and do not give me enough time to finish all the questions.
· Sometimes content questions where in different places of the semester. wierd
· None
· Unit moves at a very fast pace, could be taught slower
· more guidance in the tutorial questions
· Not enough computers in each lab. Poor layout of classes.
· Sometimes the computers in the labs are not working.
· need more worked examples in the lectures so we are more prepared to solve tutorial questions, which can be very challenging sometimes. the lecture recording needs to be improved. and during lectures the microphone sometimes is quite soft.
· Nothing
· More materials available to prepare for lab exams. As I have no coding experience, I'm still really unsure how to study for an exam of this style.
· Having a function/ commands list to help students remember and use various statements in there program (example: csvread).
· For some students, more practice questions (outside of the tutorial) would be helpful to further consolidate how the theory from the lectures can be applied to different unseen questions
· the computer lab locations. Some of the lab should be held near campus and not only in SIT building as the walk between SIT labs and Caralaw building is time consuming meaning missing out some of the being of the lab, espically if people have to stay at back at the tourial to talk the pervoous tut Mathametic equations Their should be a website online explaining some of the mathematic equations that will be used
· NA
· The work often times feels irrelavant and pointless, better explanation of why we are asked to do what we do would be important.
· jason's too fast
· Nothing
· More information needed on the size function. It could have been more explicitly explained to us and how to use it
· same lab exam questions with same exam date for all students
· The lecturer must go slower and be clearer
· Maybe more access to other practice questions; I feel that if there was more to practice the lab exams would be easier and more doable.
· Some form of streaming so people who are struggling aren't getting pushed over the edge
· I feel that sometimes the information communicated in lectures was confusing and hard to follow under a short timeframe.
· I can't see any aspect of the study which needs improvement.
· The time of the lab and the contents of the lab. Not enough time to explain the lab exercises by the tutor. Something difficult still cant be figured out by the limited time
· The seconds part of matlab
· nothing much
· Lectures and the speed of the lecture
· I believe a unit outline will be helpful.
· More useful knowledge and more application
· Need to have more and varied questions for students to complete in their own time, as the questions in the test and class vary greatly at times from that of the lectures.
· explain
· the marking criteria, its kinda hard to get good mark here
· Lectures
· It would probably be better if the labs were based on material from the previous week instead of the current week, so that we would have more time to digest the material presented in the lectures before actually attempting the labs.
· The lab exams are too frequent which makes my life busy.
· The frequency of toturial need to be increase as only one just not enough
· Maybe during the tutorial lab, less question should be designed for student, cuz we normally can not finish all of them during class.
· More availability of ICT computers around the campus
· Catering for the more advanced students, such as those with prior experience in programming
· Perhaps more practice questions, especially leading up to a quiz.
· Explanation of the sample solutions to further clarify any misunderstood parts
· the last few weeks
· The assessment structure and pacing of this unit needs improvement. Content is covered far too slowly and is shallow. Furthermore, the unit is limited to MATLAB. A more general purpose language such as Java or C# would be far more useful. While MATLAB has its perks, in reality, it's usefulness on it's own is questionable. There are no assignments in this unit. Programming is not a skill which can be honed or developed properly simply by attending 2 lectures and a lab every week. Sure, students are expected to their own work outside of this, however, assignments and projects are more realistic and assist students in learning. Given a moderate to difficult goal, students must construct a program to satisfy this goal. This forces students to learn on their own and do their own research on how to program and solve problems, potentially boosting their generic skills and possibly even teamwork and cooperation on a project. This, I believe is the most effective way to learn programming.
· Some aspects of the course were very difficult to understand
· not much
· I don’t know honestly. It’s good so far
· Feedback on exams
· Using matlab
· not too sure
- less early morning lectures
- none
- some of the questions in lab are too difficult
- Jason Chan tends to go a bit fast with his materials at times, which makes it hard to understand everything he has said in the lecture session
- More questions on similar to the tutorial ones would be very useful for those who are struggling
- Maybe provide more exercises as optional homework for students who need improvement or want to get HD to do in their own time.
- time allocation - there's no point spending half the lecture on the simple computational stuff. focus on the complex things
- The computers are sometimes too slow
- It would be helpful if you provided more basic/structured notes as well as the lecture slides as it is hard to sift through all the examples and can be a bit overwhelming. I also find the labs overwhelming as there are a lot of questions to get through in a short amount of time.
- While the labs do a good job at challenging students to learn, I feel like the increase in difficulty from question to question could come more gradually.
- Slow down the teaching.
- understanding
- maybe the way the tutors teach
- N/A
- excel
- Jason needs to stop talking about how good the course is - we know! Jason needs to show his academic transcript on the PowerPoint, friend told me about this.
- Not much, overall very good
- Visuals on the projector are pretty average and make it hard to follow some of the work

Q13 Are there any other aspects of this unit of study that you would like to comment on?
- no
- It can be very challenging
- Jason is an excellent lecturer, everything is explained clearly.
- I will miss you! Jason and Rhys!
- Well structured by staff, nothing on your end to improve on.
- 2 hours of coding in a Tutorial on a Friday morning is hard at the best of times. It can be a nightmare when you don't completely understand a concept, and need to be 100% exact for the code.
- hope students can get more detail feedback from the exam and tutorial .it would be better to have more exam sample
- 
- 
- no
- Some of the lecture pep talks bordered on inappropriate at times, though I could see they were well meaning. We didn't need to see Jason's grade transcripts and awards or have the lecture theatre embarrassed by the HD students being asked to identify themselves.
- No.
- Allow for advancement later
- nope
- Nope.
- I would really like it if a general outline sheet was provided for lectures as well as for general syntax assistance. That would enable more advanced students to rapidly understand any differences between Matlab and the languages that they're used to. Combined with the lectures, that would greatly assist advanced students. These sheets would also help other students while revising for exams, as they would have a much higher information density than the lecture slides.
- The computers have been improved, and they work really well.
- Nope.
- THAT IS ALL!
- The one time I asked Jason a question, he was rude and dismissive.
- The lecture and information was rushed. Comments should not be required to gain marks. Because its completely useless to a person with a standard amount of coding knowledge, it may help some people but its just more lines of code which do nothing. Also coding style should not be in the marking criteria because each and every person has their own way of approaching a problem not everyone is the same. As long as the final result is what you wanted the code shouldn't matter between a little while/for loop and a simple multiplication of input. To be honest, this course was my
favourite, but the marking for the last exam was a disgrace to coding. I am glad that this is over, would want to get marked down for a simple for loop. %This will never make it on the powerpoint but I got a pretty good mark for the lab exam 2

- Overall, I am really happy with the way we are taught the material and even though I was really struggling, through practice and all the helpful tips from my tutor (Will de Ferranti), and very good and concise lecture notes, I have managed to find some confidence and interest in this unit of study. I am glad I had the chance to experience something totally new.

- This was my favourite unit of study this semester, and there were very few things which I thought needed improvement. The learning curve is just right. I had some previous experience with Matlab from another unit of study (physics), but I disliked using it because we were essentially dropped in the deep end with not enough explanation - programming seemed like a confusing mess. I therefore came into ENGG1801 with some apprehension, but was surprised with the quality of teaching and the usefulness of what I learned. I found myself applying the concepts I learned in Matlab and Excel to other units of study

- Shoutout to my man Rhys Kilian!

- My tutor for the labs was Ling Luo. I found that she was helpful during the lab and that she gave great advice when I asked her why I got a question wrong in this exam. I knew exactly what I had done wrong and how to improve, which was much better than the feedback in some of my other subjects. Hwever, I often do not go to her tutorials due to the inconcience of the time , but I found them to be good

- Michael Li was an awesome tutor.

- Jason Chan is so helpful and responsive in his email and in person! It is so great to know when you have any question that you can email him and get a reply.

- Really enjoyed the course overall [Amrit Sethi]

- Nope! All good :]

- Any other part is good enough for me

- I wish Jason Chan would stop with his ridiculous examples always involving 'I love ENGG1801!!'. Every lecture has this and it sometimes appears in lab exercises where it is entirely irrelevant.

- Jason chan needs to stop telling students how easy this subject is

- matlab sucks

- This is hard, a lot harder than i expected it to be. And I thought I'd be good with this subject. I wish it was a bit easier

- I was very happy with this unit of study, the lectures and tutorials.

- In general just slow the unit of study down, not everyone is able to learn as quick as someone who has background programming knowledge.

- Amrit Sethi is a really good tutor :)

- Can we please have more material to practice with? past quizzes etc etc

- Jasons lectures go through a good pace and are easy to listen to

- i liked the tutor (ling) she was awesome!!

- Annie is a very good tutor, I find her teaching style very engaging and helpful. The way she breaks large problems down into smaller components makes understanding processes in matlab a lot easier. I am curious though as to when we get to see 'Jason Chan' The Movie.

- No, this course has been very good so far. Thank you

- No.
Even though the lab exercises were plentiful in terms of studying for the lab exams, it would be helpful to all students, if a sample 'lab exam' was created.

Jason is great as both lecturer and tutor.

Amrit Sethi was very helpful, he made sure we understood any questions that we asked him. Jason Chan's labs were very systematic as he made us look at certain lecture slides and told us how to modify it to get the answers to the lab exercises.

Comments!!! Lol kidding

degrees that don't require matlab knowledge in future study should be exempted from doing this unit

Tutor: Ling Luo carried out the tutorials well and explained concepts to understand better

Jason chan is the most organized and clear thinking lecturer EVER!!! and rhys killian is a great tutor!

JASON CHAN FTW

nope

- no overall the course is quite intuitive and easy, its also well explained and logical so i dont see room for much improvement.

- No more surveys.

- Great lecturing and great tutoring from my tutor Amrit.

- Rhys Kilians is my tutor and i commend him on his logical explanations and involved teaching style. He asks questions in order to encourage class participation in the tutorial classes.

- Very good lecturer, however there are too many students in the theatre, people start to be afraid of questioning and interactions.

- This unit was claimed to be easy so as long as one attends lectures and tutorials regularly. It is true to some extent but it failed to inform students that at least an understanding of 2 Unit Mathematics and above is required. Any student who only have a General Mathematics background or someone who transferred from a course with little to no mathematics would struggle with this unit.

- Most people would like to have labs with Jason; thus I recommend them to have more seats in Jason's lab (ie: having labs in bigger room)

- Overall a fantastic unit of study!

- the teacher jason who is the best and most popular

- No, unit was not particularly useful as I already undertake programming, this is effectively like learning another language syntax, not a difficult one, and learning the nice functions in there specifically for computation (native maths libraries are nice). Good unit, the excel part will also assist nicely.

- Made me interested in doing programming as a future career path when I had little interest prior to doing this course

- Assessment is too hard.

- The last few weeks, having no idea what to do in lectures, has significantly detracted from my experience in this subject.
straight out most weirdest course but it was enjoyable

The tutorials are too fast to grasp.

n/a

no

My tutor Kathryn Rendell was excellent and really helped to encourage the correct thought process to use when approaching a problem, taking the time to explain the logic behind solutions on the board in addition to demonstrating the coding directly through Matlab.

no

no

Overall very satisfied with the course. Our tutor Karnik was excellent with his descriptions, the pace he did questions and the time he allowed us to think about and attempt things before he explained them to us. Very happy with Karnik!

n/a

no

karnik has been more helpful in labs, walking around and giving us hints about why our code is wrong. She is also more time efficient now. Overall a great tutor.

I rarely finish all the lab exercises within the 2 hours but the number of exercises is appropriate for us to learn and improve

I found it too fast-paced.

I'm kind of sad that I probably won't be doing any IT-based subjects next semester, but I'm honestly considering transferring into a course which has a larger computer component to it. Anyway, I like my tutor Rhys. He's kind of cool.

no

Very well organized course and there is absolutely no reason why any student cannot achieve very good marks in this course

There needs to be more challenging questions in lab exams to distinguish students better

It has made me really like programming and made me think about including more programming subjects into my study

Bring in a take home assignment would be beneficial to learning

No

A very fun course, very glad I ended up doing it.

As a project management (built environment stream) student I struggle to find where the Matlab section of this unit is relevant to my course.

Very interesting course, not boring as I expected

The marks needed to be explained better and the marks page needs to be clearer in how the totals were added up.

no.

Slow the course down!

No.

NOPE

Lecturer and tutor is really passionate about teaching this material and I just think as long as he keep this spirit of teaching, this fantastic reputation of this UoS will remain

no

No :)

No.

I think the first few weeks using excel where perhaps (From my point of view) time not well spent. I would have preferred to get straight into MatLAB and thus had more time to absorb the content fully.

-n/a

Jason Chan is a great tutor and lecturer.

no

no

None.

Some material in lectures was covered quickly however as a whole they were very informing.

Nope

No

no

n/a
· No
· Nasir (tutor) was very patient when explaining concepts to students that were falling behind.
· I enjoy the way tutors help us in labs. The preparation for exams is very important and they give us all the support and also the necessary feedback. So, you can realize exactly where are you doing mistakes or where you need to pay more attention and practice.
· past exam papers and more exam question examples would be good
· Jasons twist endings to his stories are way too obvious
· no
· NO
· Some tutors are not very helpful as others, thus I attended a different tutorial than my enrolled tutorial each week. The tutors should be more succinct and try to get through all the lab questions in that one tutorial.
· Nooope
· no
· nope
· Tutor Mr. Aggarwal was very helpful and good at teaching/explaining
· during the last 4 weeks or so we hand only one lecture a week so if possible to have another lecture as revision lectures instead of having nothing ..
· Annie was a very good tutor who explained everything clearly and helped just enough.
· N/A
· No.
· Very good lecturing/tutorials
· no
· Very challenging. Sometimes a little too hard.
· No
· no it was pree fun
· Nope!
· Nope
· Overall, this unit of study is an introduction to programming if anyone is interested, it teaches you the basics of what you need to know later on.
· This unit of study is the most organized unit of study that I have done this semester. From the quality of the teaching to the challenges of the tutorials, as well as all the resources made available so that everyone can succeed and work as much as they need to at their own pace, I am extremely impressed with this unit of study. I wish all my classes could be like ENGG1801. Thank you for a really fun semester Jason Chang.
· No
· i really understand the questions in the lab and i can comment really well but when i run most of my exercises it gives me an error message. i don't know what i should do to improve myself with matlab
· no
· Jason in lectures tends to talk very quickly, which I can assume to many students who don't speak English as a first language would be an impediment. Even to myself, I find that I can start to 'gloss' information at times.
· Jason Chan is a top bloke!
· Jason Chan is the Man
· No
· NO
· No.
· I think that we can be taught other functions in MATIab such as the smart indentation function (Ctrl+I) and other shortcuts like this is improve productivity and speed up the process of programming.
· matrix the way think and the tutor ling was good at explaining those stuffs to me
· This unit of study has surprisingly been very enjoyable, Jason Chan is always very energetic and does an excellent job at explaining all the course material.
· Jason Chan, your ego is hilarious (still, thanks for teaching us).
· The lecture notes are very detailed and in depth - without these i probably would not have done so well this year!
· no.
· Jason chan is a boss. the best
· I think the lecture examples should be similar to the exam questions
· Nothing in particular, I enjoyed this unit of study
Congratulations for Lecturer and tutors, excellent work
good
I did not enjoy this subject at all
I’m in Madsen for my tutes and ergonomically the class design is really poor. Often I need to look at the board and I’m forced to crane my neck which is really uncomfortable especially during a 2hr tute.
NO
Jason Chan
n/a
Overall, I found this subject one of the most interesting and enjoyed how the content was taught by the lecturer.
Jason has been an amazing lecturer and tutor, who is so dedicated, passionate and willing to share his insights with his students. I feel extremely grateful for his patience, which has really helped me as a beginner to programming.
nope
The logic behind this course, makes it straight-forward and easy to understand what’s going on
nothing
A sample exam before lab exams would be more helpful in terms of preparation prior to the exam.
Nope
The lab exams were super stressful: we needed more practice on the technique for how to successfully sit a lab exam and not panic under pressure.
No.
N.A.
no
Nope
The machines(computers) in the lab should get some improvement.
My tutor was awesome, she helped everyone in the class and was able to answer all questions
na its pree good mang ty for it all.
No.
The lectures in this course are detailed and explained.
no
Jason Chan and his colleagues have constructed the most well-run and managed subject I have ever completed in university (this being my second degree at USYD). Whilst the material is difficult at first, the course gives you everything you need to pass (and to do well) in the course, starting from the basics and moving up to detailed applications.
No.
Joe was a good tutor in the sense that he engaged with his students well and goes around to check up on the students. Jason was a great lecturer in his upbeat, thorough description of the course content.
This subject is so far so good.
N/A
n/a
It was organized, taught well and I enjoyed it :)
No
Computer literacy is a must. The lecturer says it doesn’t matter but it matters a lot. The faster you type the easier this course is
Nah.
None.
I really think it would be advantageous for the engineering/IT faculty to look at this unit and the way that it clearly presents learning outcomes and learning materials and apply this across other units. It makes for a far less stressful and equally as beneficial learning experience.
good way of assessment
no
Overall pretty good
good tutor and lecturer
I’m considering changing from Mechatronics engineering to a more IT-oriented degree because I’ve enjoyed this unit so much. Very good unit and good semester.
Good quality tutors.
Nasir and Katherine were fantastic tutors, and i learned a great deal from their wisdom and experience
Comments and coding style marking should not penalize for different coding styles as some people may be
accustomed to a particular style from previous coding experience unless the style is inconsistent or extremely unclear.

- From jump from week 10 to week 11 was a huge jump
- more sample exercises
- NOTHING
- I didn't believe that this subject would actually be fun when I started but Jason wasn't lying, it is currently my favorite subject.
- no.
- Overall a thoroughly enjoyable course.
- In general, the course is well structured, the lecturer and the tutors are very knowledgeable.
- Easy enough to do well if you put in the time.
- I believe two topics per exam would fit me better.
- It's really great to see a course which aims to teach students Matlab skills which are able to be used in solving a range of problems. My previous Matlab experience has only been 'learn this code and apply it here', which of course is not helpful in a wide range of circumstances. I now feel confident in approaching problems with the help of Matlab.
- None
- Nope
- No.
- no
- nope
- Some times the tutors are not patient enough and not very understanding when others find it difficult to work/ take more time to complete questions.
- n/a
- Tutors are great...Michael Li and Jason Chan
- Jason Chan is pretty cool
- No.
- Nothing else. just very interesting to learn
- More understanding of what to expect for the final exam, what is going to vary, from it been written by pen?
- No
- Tutor is really a nice person and helpful.
- Will is a good tutor
- the freedom of attending more labs is really beneficial to our study of this subject. and detailed solutions are very useful.
- None
- My tutor, Joe Nguyen, was very an excellent tutor, he is very willing to help and his way of explaining things makes it very clear.
- Jason Chan is a legend.
- The computers are prombalic at times
- NA
- It should be better explained.
- nah
- Nothing
- Everything we learnt was fantastic and useful. By far the most enjoyable subject I've done.
- some lab pc cant run movie created by matlab
- No
- no.
- Jason is cool
- No.
- I would recommend ENGG1801 to anyone choosing an elective. Even to those for whom the subject is compulsory, I would recommend them to embrace the unit. As much as anything I have learnt new problem solving skills, which are applicable to anyone regardless of the degree they are doing.
- Jason is so great. I like him very much.
- I found the lab exams very stressful
- maybe a tutor or lecturer can upload recordings of them explaining the solutions to lab excercises. I found that some methods were difficult to understand without explanation
- Marking for lab exams

http://sydney.edu.au/itl/feedback/reports/
- Nah
- N/A
- no
- overall its ok
- The lecturer and tutors have been really nice and helpful.
- No
- No
- All Great!
- The tutor's are really helpful
- Nah
- no
- do more graphing of 3D stuff
- Perhaps an advanced stream in this course could be started. As a student who has knowledge of programming, the first 5-6 weeks of the course were extremely repetitive and boring. Thus the aim of the course was to become familiar with the syntax of MATLAB and any specific functions. Also, many people have commented on the vocabulary of Jason. The repetitiveness of "do you understand?" and "does this make sense" has become a joke. Perhaps some lines could be used.
- no
- No
- No
- I hope I can have longer lab for about 3 hours per week
- not really
- get rid of excel, course starts too slowly
- none
- no
- the tutor Amrit Sethi is really good. He would show us what's going on in his mind and how he would approach the question, then would give the students a chance and then solve it himself. This approach to learning has really cleared out and questions and made it much simpler.
- Everything is really good!
- Rhys Kilian has been an excellent tutor all semester. He provides insightful guidance on how to approach questions rather than just spoon feeding the answers, facilitating the learning and understanding of his students.
- no
- I believe it'll be more interesting if a project work (doing in pair or group of 3) be part of the course.
- Worthwhile, engaging. On weeks with lab exams, there should be an extra tutorial for the lab exercises. Many students fall behind or don't attempt the exercises. Also, too much time is spent on the following lesson going through the lab exam. It is the student's responsibility themselves to ask about their exam.
- "I LOVE ENGG 1801!" It is an awesome course and I recommend it to anyone who is interested in computing and programming. I had no experience in programming before this course and now I feel confident taking on the questions by myself!
- I think Jason is partly robotic, which I mean in a complimentary way. By far the most organised course which made it easy to study. Fun? Wouldn't go that far, but overall it has been good.