### Student Feedback Report

**ENG1801**  
Engineering Computing

**Irena Koprinska**  
School of Information Technologies  
Engineering and Information Technologies

<table>
<thead>
<tr>
<th>Semester 1, 2014</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>Mean</th>
<th>Std Dev</th>
</tr>
</thead>
<tbody>
<tr>
<td>396</td>
<td>4.14</td>
<td>0.75</td>
</tr>
</tbody>
</table>

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

- **SD+D**: 3%
- **N**: 10%
- **A+SA**: 87%

*Please explain the reasons for your rating.*

**Strongly Agree**
I love ENGG1801
- Jason and the tutors were very thorough in defining the requirements of the course from the start.
- They were well stated and clear
- Jason ensured that we were aware of what we were expected to do. He explained it effectively in lectures.
- Everything was outlined clearly in the lecture notes and worksheets each week.
- Yes, it was very clear.
- clear lectures slides and clear tutorials are very useful
- Clear, we were clearly told
- Excellent lecturer
- Jason told us exactly what was expected of us.
- It's very clear.
- content required was made clear prior each week
- Each lecture slide was detailed and it was perfectly clear; all expected learning outcomes were obvious to me.
- Constantly reminded in lectures and labs which allowed me to be focused
- Jason has been very clear on what need to know
- The information was supplied on both the website and on the exam previews
- Explained very clearly in multiple lectures.
- Clear outlines, good unit of study page
- Clearly outlined standards.
- Lectures categorised and lecture material within lectures divided into sections well
- Lecturer and tutors were well informed and constantly kept the students updated.
- Clear explanations prior to every lecture, what's needed for exams is always clearly stated
- I LOVE YOU JASON CHAN
- content met expectations
- We were basically told if we do what the lecturer tells us and follow how the sample solutions code and comment then we will get a distinction or high distinction. Otherwise we will get a pass or fail if we don't follow this sort of style.
- The lecturer has highlighted all the important points from the start and explained it in detail
- Easy access to course outline on website
- Jason explained the expected standards and techniques to reach them very well.
- outcomes and expected standard were mentioned very clearly and very often in lectures
- The course website showed the semester structure
- Early in the semester the outcomes were set out by the lecturer and were more than made clear.
- Jason made it very clear at the start of the subject.
- everything was extremely clear explained, which is good
- the content of this course is clear
- Course outline clearly presented at the beginning of each lecture.
- constantly reminded by lecturer what must be done, e.g. comments must be written and were given his ideas of what they are expected to know through lectures and labs.
- made very clear from the beginning of the course what was required
- The unit of study website has a very useful and clear layout
- Clear explanations from tutor and lecturer.
- Everything we needed to know was in the lecture notes.
- they were constantly drilled into our heads
- This was very well explained and covered by Jason in the lectures.
- Jason made them very clear.

Agree

I would like to see a list of individual outcomes, so when it comes to study and preparation i'm not just reading the lecture notes, but more i am ticking off everything that i need to master.
- Good information on the website, along with constant updates of the requirements of the course.
- Mostly as the lectures detailed before and at the end what we were supposed to know from what we covered
- Clear as shown in the last slides, but then not sure how is that useful in either revision or learning
- The lecture notes are very clear
- No complaints here.
- it was all readily available and well understood
- all well set out online and emphasised by tutors
- I have understood the concepts behind this course and the content in the lectures was explained well.
- Everything that we needed to know was made fairly clear during the lectures, although there is room for improvement.
- Just like Jason says, everything one needs is in the lecture slides.
• there is a slide at the beginning of each lecture with the course outline on it
• Things were pretty clear in both labs and lectures as to what is being assessed.
• Jason is clear about what we need to know
• The content and recommended times of study were correct
• Each lecture was structured at the beginning.
• It was very clear what we needed to know during this course in order to complete the labs and assessments.
• I agree, but not strongly because I felt the course outcomes were advanced very far especially for no assumed knowledge.
• The lectures were very straight-forward and explained well what we had to do.
• They were clear
• Good lecture slides
• each lecture and lab were specific in terms of teaching us what we needed to know
• The lectures follow a strict order
• Jason explains clearly what we have to/are expected to do
• The lecture slides give a clear outline at the end of each lesson
• UoS outline very brief, but showed where marks are allocated (however there is a mistake for percentage of assessment for attendance and quizzes).
• Quite clear, and obviously stated.
• In the beginning, I wasn’t sure if I only needed to pass or I had to get higher than a particular mark to pass. However, the lecturer outlined the level of difficulty for each part of the course really well. For example, he expected weeks 8 to 13 to be easy if you understood weeks 4-7.
• They were clear.
• These were explained in the first lecture of ENGG1801
• Each lecture shows the unit outline, and what is being learnt each week and when assessments are.
• the lectures and tutorials were able to show me the expected standards
• I thought as though the learning outcomes were clearly addressed in the first lecture
• all the learning outcomes were properly explained on the course website and also at the beginning of each lecture which was useful in scanning for information needed.
• The course was clearly defined and having the week by week table at the start of the lecture helped me remember what I’d done and what I was going to do.
• they were reiterated a sufficient amount for it to be absorbed by anyone
• The outcomes expected were covered well in lectures.
• It was clear from the beginning
• The learning outcomes for each lecture were emphasised at the start of each lecture.
• The learning outcomes could be a bit more clear I think.
• The lecture slides were really helpful and well explained
• They were shown clearly in the lectures.
• They were quite clear but the course I felt was much harder than the others
• The week by week outline helped and the introductory slides into each lecture helped me understand what content was contained in each lecture.
• Expectations regarding coding style were very clear thanks to all Jason’s examples
• They were well explained from the start of the course
• Jason tells us what we need to do and how we achieve that so all clear.
• well explained and I knew what I was meant to learn throughout the unit
• yes the standards are very clear, but clearer learning outcomes would be good.
• Jason made it clear what we needed to know
• Learning outcomes were written at the end of every lecture, and the expected standards were also shown during a lecture where the overall performance of student’s were shown.
• The basic code required to understand was clear.
• lectures was good.
• All the criteria are written clearly on the lecture slides and in which clarifies all the expected standards of this unity of study.
• Jason made it clear what we needed to know and what we were aiming for by the end of the semester.
• Set out well
• fairly standard and straightforward. nothing was missed and and nothing was added outside of the syllabus.
• The lectures were pretty clear on what we needed to know, and the tutorials made clear how we should be able to apply them.
• Jason Chan was very helpful in outlining what would be in the course. He was useful in providing the course outline and excellent in lectures.
• clearly stated in lectures and reinforced in tutes
Prior to the second lab exam, how to loop through matrices wasn't properly demonstrated sufficiently in the lecture.

- It was all pretty reasonable
- sometime maybe too fast for me
- I felt in control of my learning.
- mm yes quite clear
- Jason clearly explained them
- It was always made clear what was needed in assessments
- Things tested in tests and assignments are able to be studied in lectures/tutorials.
- Im new in this.
- timetable of what to expect in the weeks were clear and easy
- mostly clear
- I'm not entirely sure about the content/structure of the final exam, I assume that it will be shared with us in the final week though.
- It is outlined in lectures and on the course website what is to be expected from this course
- It is outlined in lectures and on the course website what is to be expected from this course

- neutral
- not teacher's problem, just I can't understand
- the expectations of what coding skill level is needed to pass was not clear
- kind of clear.
- The subject was not that easy as Jason talks about, you need to give a good effort to get marks
- can't seem to find a connection of this unit of study to the degree of mine
- not quite, still need a textbook
- At the beginning Jason Chan explained everything pretty well.
- They were never clearly stated.
- Learning outcomes and expected standards not specifically explained at the beginning of the semester.
- I am not sure where to access learning outcomes for this unit.
- i am not really sure who some of the skills regarding programming with matlab is going to help me later in my life.
- Would like examples of what the course could be used for. Showing us real world code at the beginning.
- I am still a bit confused with what exactly we need to know for the exam and it's already week 12.

- disagree
- Jason 'sugar coated' the difficulty of the unit, it was a lot harder than he made it out to be for students who have had no computing experience.
- content in exams was far more complex than what was covered in labs
- First of all, no matter how much efforts i spend on Matlab, I always stay on the same place
- Not really, there were a lot of different applications done with matlab, that is all a bit hard to take in.
- still dont know what the learning outcomes are....
- its really confusing
- The course was portrayed as easy but it was very difficult and mislead me extremely

Q2
(GTS) The teaching in this unit of study helped me to learn effectively

<table>
<thead>
<tr>
<th>% responses per rating</th>
<th>2%</th>
<th>13%</th>
<th>86%</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD=D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A+SA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

394 4.21 0.72

Please explain the reasons for your rating.

- The lectures are very thorough and content is explained well.
- The lecture slides have everything i need to complete all the work. The lectures are a bit boring but Jason goes through the content at a good pace
- Jason's lectures are really helpful and while the labs can be challenging they cover the content effectively
- The teaching helped me to improve my skills
- This course is pretty much perfect in its teaching. The lectures are clear and well-structured with a good speed. The labs are great.
- Yes it did.
- The teaching in this unit of study was better than ANY other unit of study I did this semester.
- Great tutor, good lectures and powerpoints
- Excellent lecturer
- step by step practical examples
· Lectures gave me more than adequate resources to be able to complete tutorials.
· The lecture slides show all the staff clearly.
· yes, teaching was effective.
· Jason Chan’s helpful tips in order to study and learn this unit of study efficiently boosted my learning to a large extent.
· Well structured lectures and labs allowed me to learn very quickly and easily
· Excellent lecturer and great tutor! Always willing to teach and help everyone!
· The labs especially, go through plenty of examples
· Awesome tutors. Perhaps a rotation of the tutors may benefit students in the future as it gives us different perspectives of looking at the same problem. I went to tutorials mainly with Jen but I did go to one that Jason ran and it helped a lot by giving me a new way to look at the same problem.
· Jason was able to explain the content clearly
· The lecturer has explained the content slowly and very clearly. He made it a lot easier to understand. He used repetition which helped a lot.
· The tutorials have always been happy to assist students and help them figure out what has gone wrong, provided that they have written comments in their code.
· The lectures were clearly explained and well-prepared - the slideshows are probably the best ones out of any of my courses - and the tutorials are sometimes difficult to do but the way the tutors explain/demonstrate them always makes sense.
· The lecturer is awesome. The lecture gives enough information.
· The teaching was relevant to what was needed to be learnt.
· Access to lecture slides and audio from home was essential, and the tutorials were well structured.
· Jason both as a lecture and a tutor was extremely knowledgeable and helpful in helping me to learn the course.
· Tutors and lecturers were very informative.
· Great teaching. We then used what we learnt into practice by going to tutorials.
· Having the labs run basically straight after the lectures really helped my understanding.
· Combination of labs and lecturers complimented each other well and helped with the learning process.
· The lectures and tutorials were extremely useful in understanding the content.
· I LOVE YOU JASON CHAN
· The practical labs complemented the theory learnt in the lectures very effectively.
· The tutor and lecturers are amazing and teach exactly what we need to know. My tutor, Michael Li, is an amazing teacher and explains things simply and effectively and helps us to know how the not only code but to think how to solve problems with code also.
· Kelvin and Jason are very good tutors and lecturers, respectively. They were able to convey the complex code or complex question into a simpler manner and then once they do the steps to answer the question, they clarify it in a much simpler way so that each and every part is very easy to understand.
· Jason and my tutor Jessie know the content very well and can explain it as simply as possible
· Yes, the teaching was clear.
· The tutors as well as the tutor questions are excellent.
· THEY EFFECTIVELY EXPLAINED AND DISCUSSED CONTENT AND APPLICATIONS
· Jason’s lecture style was very clear and effective. He moved at the right pace for me, who has had no previous coding experience.
· The tutorials allowed a hands on approach with the guidance of the tutor.
· Jason Chan was an extremely good lecturer and made sure he clearly covered all content and it was understood if you were paying attention. The tutorials backed this up with effective questions.
· Jason Chan (my lecturer and tutor) was very helpful in explaining how to do both simple and difficult problems.
· Jason’s teaching of the content, as well as his demonstrations when applying it, definitely played a pivotal role in the amount I’ve learnt whilst partaking in this course.
· The course was not too steep and the exercises complemented the content taught in lectures (most of the time).
· The course is very well structured and organised; the labs, lectures, tests and assignment were designed in the best way to help to learn and get good academic results.
· Very good lecturer and tutor!
· Jason is great.
· Jason is an excellent lecturer and tutor, the course is very well taught.
· Jason Chan was an excellent lecturer and tutor. He was patient and helpful at all times and he knew exactly how to teach to get the best out of all students.
· Tutes are a great way to learn as I had a great tutor: Dan Schnelle.
· Clear explanation of content and examples.
· Very interactive with lecturer, and tutor Will de Ferranti helped a lot in lab when he explained questions & I found what my problem in the code was.
· Very effective lectures.
· The teaching was very good.

http://sydney.edu.au/itl/feedback/reports/
Very good tutor - Michael Li.

- Lectures were quality and typically highly engaging, albeit sometimes they were a tad slow and repetitive.
- It was clear and concise and got to the point
- Somewhat only when the tutor came around. Besides that the tutor goes through the things quite fast
- Jason is a good tutor.
- Jason knows his stuff for sure, and my tutor Kelvin wasn't far behind Jason in terms of knowledge!
- I learnt the most during the lab sessions, lectures useful but not essential
- the tutors and the lecturer did a good job overall
- the labs in particular helped
- The content from the lectures was clear and explained thoroughly, and so I could learn it effectively.
- Although the lectures were fairly helpful, a lot of the content can be self taught by referring to the lecture slides. The tutorials however are very useful.
- The teaching quality was good. My results were purely related to my work ethic. Don't worry though. I'm working on fixing that.
- the lectures are very well written and simple to understand and the lab work helps us consolidate what we have learnt
- open-book style of lab was helpful to reinforce lectures/content
- While the tutors and the lecturers were extremely efficient, I felt that the distribution of content through the weeks was quite uneven. The first couple of weeks, when the content was easy were taught too slowly for an average student whereas weeks 4-7 were too rushed and there was hardly any time for us to verify our concepts. Whilst the content in Excel was taught several times, the important stuff in Matlab was rushed through/
- Teaching was very thorough, but it should be made clear that a lot of the understanding comes through just trial and error from your own experiences. Tell students that its okay if they dont understand now because it will come through trying it yourself
- The lecturer was brilliant, so was the tutors. It helped me alot
- The lecture's race through the content
- it went too fast sometimes, wish the tutorials would be longer
- Managing time in labs and at home.
- Labs and lectures were well structured and directed so as to give room for individuals to work at their own pace while giving assistance as and where needed.
- tutors were really good at explaining each lab
- The slides were helpful and the labs extended on this providing harder examples to make us apply basic principles we had learnt.
- I found it quite effective, however I felt the lecturer needed to be a bit clearer about whether he gave something a variable name or if it is an inbuilt function.
- Mostly yes, sometimes lectures and labs were too fast a pace.
- The tutor was helpful at every step and lectures helped
- all knowledge is backed up with multiple examples which I find really effective
- Reasoning for problems was logical and methodical which made it easy to follow and understand.
- Yes.
- the lecturer has always been fantastic and helpful to me in learning the course.
- Lectures are clear and concise, most if not all content is posted online to refresh understanding.
- good tutors and good lecturer
- I think harder question needed to be covered in the lecture
- tutorials assisted practical learning, tutor (Jason Chen) showed us how he arrived at the solution for each problem
- While lecture materials are complicated, lecturer and tutor helped us a lot so that we could understood most of our stuff
- each topic was explained clearly which made learning more pleasing
- sometimes the lecture is too fast
- Tutorials sometimes difficult to follow and rushed but hardly ever and lectures very effective
- “rote” learning from experiences tutors was effective for me.
- Suitable approach of teaching to the nature of the course however was a bit repetitive
- lecturer was sound and cohesive. Tutor helpful
- Jason explained everything clearly in each lecture,
- The lecturer and tutor go over difficult things multiple times to ensure that we understand it.
- The way the course was taught is really useful and productive
- While lectures and tutorials were run smoothly, direct help from teaching staff was hard to come by as most would insist that it was "in the lectures" before even hearing the question.
- Lecture notes were very informative
- The teaching helps m to understand the fundamentals required to use MATLAB and Excel effectively.
- I like how the lectures and labs match up really well. The labs were good in the way that we could almost finish all the
questions and then have some 'homework' questions.
- Good teaching, appropriate pace for tutorial
- I have learnt the basics of matlab and functions.
- i dnt know where to use in practical life
- Clear concepts of this unity of study is been written on the slides and our tutors are terrific.
- A large amount of the learning was read of slides, meaning that I did not attend many lectures.
- The lectures were a good introduction to the material, and the tutorials really helped reinforce it as well.
- lectures are good and the tutors really help.
- Jason Chan is very adept at teaching.
- Jason gave clear explanations in his lectures, and the tutor was very helpful in explaining any further questions.
- The teaching style was the best and it was the best lectures and tutorials within the entire uni
- the lectures were clear
- Jason was an excellent lecturer and Micheal Li a great tutor
- Lectures were thorough and working though examples in MATLAB was especially helpful
- The lecture notes were useful, and the labs were more or less at our own pace.
- most of the time until i fell behind
- Jason is good, though he wastes a great deal of time with "motivation" at the beginning of each lecture.
- Jason clearly explained this
- Jason goes through the content in detail
- Jason explained most things pretty clearly.
- Good tutor/lecturer
- It teaches me to do matlab and excel.
- Yeah, generally good. Really clear how to do things, but the lecturers tone of voice is just so patronizing. I try to avoid lectures as much as possible.
- the labs were good but not enoughtime for tutors to go through all the questions
- good teaching methods from Jason and Kelvin but maybe we needed just a bit more one on one from Kelvin
- good explanation of any new ideas or commands in matlab
- The teaching was very helpful, however there were occasionally some challenging questions in tutorials and exams/project which was not effectively covered in the lectures and course content, and essentially made attempting these questions very difficult.
- Quite a substantial amount of information to recall everytime
- Jason was a very good lecturer, but my tutor Kelvin, by the end of semester was going through exercises too quickly, not giving me enough time to attempt them first. He was a very good tutor otherwise though.
- jason knows his content very well, but is often dismissive and patronizing if a student is struggling.
- The tutor (kelvin) did the most he could, he was effective in his teaching.
- It could be improved if I Lab exercises' are simpler "to master the basics" and then sample quizzes are provided with harder questions and further practice (maybe 2 or 3 quizzes should be added in the assessment instead of the lab exam). So, we can progress more smoothly.
- Jason Chan is extremely condescending, even rude at times and not helpful unless you are at the top of the class. Ingrid (tutor) was extremely helpful and a very good tutor.
- havn't really felt the efficiency
- even though I scored very well for the past quizzes, I still don't understand some of what I had learnt
- Lectures included just reading off slides, unclear at times whilst tutes/labs helped put it into practice.
- The teaching was good however, lectures were often quite slow in pace and thus boring.
- lectures went to fast
- don't think so
- Sort of
- teaching is awesome
- The tutorials were effective, however i found it hard to learn from lectures.
- At the start it was pretty simple but then it was got way too complicated The activities in were easy to understand but to actually perform them in matlab wasn't simple, didn't know where to start
- teaching not so much, but the lectures are pretty clear and effective
- The logic behind coding was expected to be found by the student themself.
- The teaching was understandable, but again hard to take in with different applications and usage of matlab.
- they sometimes go really fast
- Flicking between slides in lectures can make it hard to follow
- Flicking between slides in lectures can make it hard to follow

http://sydney.edu.au/itl/feedback/reports/
- too fast
- I love ENGG1801

**Q3 (GSS)**

This unit of study helped me develop valuable graduate attributes

<table>
<thead>
<tr>
<th>% responses per rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>SD+D</td>
</tr>
<tr>
<td>N</td>
</tr>
<tr>
<td>A=SA</td>
</tr>
</tbody>
</table>

| 5%                    |
| 26%                   |
| 89%                   |

**Please explain the reasons for your rating.**

**Strongly Agree**
- I learnt a lot of computing skills I never had before that will help me in my degree and pursue further ambitions
- I think its helps me a lot.
- what I learnt about Matlab will be extremely useful throughout my degree
- Correct
- It would allow me to get a job outside the field i am studying
- Yes, because I would assume MATLAB is a valuable tool to know how to use.
- To be able to think in a completely different way to what I have ever experienced was both eye-opening and challenging.
- Not sure what this means, but yeah, the material I learnt in this course would definitely be useful for my future.
- I will be able to use the skills i learn in both excel and matlab when finished my degree
- ENGG1801 has given me skills that I will be using in the future. Whether it is technical based or problem solving.
- program is very useful in engineering
- They tell me that the mastery of Matlab is essential to aeronautical engineering...
- Really helpful for my later on studies! Learn how to use Matlab and Excel is really great for engineering students.
- i will be able to apply these skills for the rest of my life
- Covering the basics of Matlab in this course will no doubt be helpful later in my engineering degree. As maths and calculations become more complex Matlab will be an important tool in understanding later material.
- Helped improve problem solving, a must for an engineer, as well as being able to calculate and represent the problems and how they were approached.
- As individual with no previous programming experience, the unit helped me grow quite competent in its content
- I LOVE YOU JASON CHAN
- I will use what i have learnt here for future studies in this uni
- Particularly in later lectures, the real life applications of the code became quite obvious and made the work seem much more useful.
- flexible and inventions
- I AM NOW MORE CONFIDENT USING THE COMPUTER, ESPECIALLY WITH MATLAB AND EXCELL
- I have no doubt that one day I will be able to apply what I've learnt in ENGG1801 to my Engineering career. Furthermore, in any faculty of study I believe the knowledge I have learnt would benefit me.
- it definitely did, the main thing I loved about the unit is that you can find application fo the learned skills straight away
- i've never coded before; but i am now proficient. coding is very useful
- The unit of study was extremely helpful in developing computer programming skills and debugging abilities of programs.
- I have developed programming skills which I will be set to apply to Java or other programming languages to be applied to engineering problems.
- The skills learnt have been extremely useful, and will provide very helpful tools for my future studies.
- A lot of dedication is required, as well as attention.

**Agree**
- The skills developed throughout the course are/will be valuable for both the remaining time in my degree and post graduation
- the problem solving associated with this course feels relevant already to my degree. Knowing how to use matlab is also very important
- excel will help me in other courses immediately
- i have a good understanding of matlab that should help me
- I now know basic programming skills
- I have some basic programming abilities now than when I started this course.
- MatLab is a skill required by all engineers and scientists so this course has allowed me to develop a very useful skill that will be used after I graduate.
- The programming language taught in the course helped me to write codes for my other courses.
- this course is very efficient at getting us used to programming and teaching us how to break down harder problems into smaller ones
- I am currently using MATLAB in one of my second year subjects. I can see how I can use Matlab (and Excel) later on.
I use Excel a lot at work too.
· I can definitely see why I'd need to know the basics of programming at the end of my degree.
· This unit of study is very important for my career, so it did help me
· Programming can be used in other units of study later on.
· The unit provided a solid grounding in programming which contributes to having the well-rounded skillset necessary for engineers in the workforce.
· helped develop required excel and matlab skills
· The course seems quite useful and applicable.
· - Learnt a lot about problem solving in this course by attempting challenging questions
· computer skills are very important to master in the modern age as well as for students and in future employment
· This unit of study taught valuable skills such as problem based learning, or critical thinking skills necessary for modules in the final years of undergraduate programs and beyond.
· I know of engineers that use matlab and I can see myself using it in my future career.
· I have been getting satisfactory marks, considering I have not done programming before this course.
· Probably it did, but I don't think you really know that until you actually graduate. But anything computing is always a valuable skill, especially in the field of engineering, as are problem solving and teamwork.
· real life problem solving
· Yes, it helped
· Problem solving skills were strengthened.
· yes, things like problem solving etc.
· I have seen multiple applications of what I've learned in this course that could be applied later on in my course and work
· matlab is useful for my degree
· yep
· I don't think matlab will be an integral part of my civil engineering degree, but it is a useful skill to have
· matlab and excel utilised in multiple facets of engineering
· I think any programming experience is important in today's world.
· I wasn't good with excel but I think I can pretty confidently use it now
· I will be doing programing for engineering so yes matlab skill did help
· I'm sure these skills will be useful throughout my degree and I am sure I will further develop them beyond this semester
· I am more confident and capable at computers in general
· Understanding the process of programming and basic features of programming is very important in the future of engineering as computer controlled systems are becoming more common.
· Good problem solving skill development
· Using how to graph using matlab is important and solving matrices not by hand is convenient
· i gained a basic understanding of programming which I think will be a very useful attribute
· Computing is essential to my degree so I'm glad that learning was made easy with all the lecture recordings, notes and labs.
· I have developed programming skills which will be required after graduation.
· Efficiency and effectiveness is best found when you have things in the most basic form.
· It improves my consistency of study.
· Being able to use a program such as Matlab is very important for engineers.
· Having learned how to use basic Matlab it will be easier to pick up other programming languages as well.
· matlab is very useful in future programming
· Matlab can help me in future prospects
· It gave me insight into not only Matlab code, but also into how we communicate logically with computers.
· My knowledge of computing was very limited before
· I guess I won't know until I graduate.
· have not graduated yet so i am not too sure yet
· Jason clearly explained this
· The problem solving nature of the subject and skills developed with that are essential
· Good for ENgineeing student
Not really sure what attributes you're talking about

not sure how useful matlab will be, as i have no industry experience, but am happy to learn it.

To be honest, I'm not even looking that far ahead at the moment. I guess this has very applicable knowledge but I really am unsure about how good a graduate quality is.

it seems to be a basics type course to allow for these attributes to be developed in later courses

Probably, not sure what they are.

I don't see why this is important to a graduate

I have learnt to think in the general case about many problems

There was nothing in particular that helped in this area.

despite the seemingly lack of connection with my course, its helpful for me in learning how to work both independently and with others in the learning process

Not very encouraging of study habits, but rather expects them of a student.

A 1st year subject hardly develops/doesn't develop graduate attributes.

Don't know any valuable graduate attributes

It taught me to work in a team (pair). Made me understand how to use a computer because I really did not like computers at the beginning of this course.

I am unsure what is meant by 'graduate attributes'.

Don't really know what to say about that but it certainly did make me remember a lot of code and commands. I'm still learning (and always will be) so I don't really think this has given me graduate attributes as in first year I think I'm only starting out.

Hard work is encouraged by lecturers and tutors but not enforced. For me at least this attribute was pre existing #keepinithumble

It made me understand the suffering computer programmers face when creating a program.

Cannot see how, only in the slightest manner (i.e.work hard)

Maybe, i'm not sure what valuable graduate attributes are

I am not sure

Apart from learning how to think logically and methodically (how engineers should), it doesn't really target any other learning areas. It's just something fun to do. :)

Some parts I think it will, some I'm not sure I will be using it.

i haven't been able to confirm it myself yet

The course helped me develop understanding of matlab and excel and I can see its relevance to my degree but it was a tough unit of study

some parts fun and some parts require lots of thinking...not sure if want to do computing in the future

I am yet to determine this.

What are the graduate attributes?

Not sure what attributes I should even have yet.

I have no idea what graduate attributes are...

What constitutes "graduate attributes"?

some computing experience

Balancing all subjects in course was slightly difficult

I don't really need to use matlab

This course seems to be more of an introduction to programming and hasn't seemed completely relevant to the industry until the last couple of weeks

This course seems to be more of an introduction to programming and hasn't seemed completely relevant to the industry until the last couple of weeks

i dont see a point in using matlab

No way.

no I don't see the relevance of this course in my degree. It is silly

Cannot see myself using Matlab ever again, nor did it relate to my Civil Engineering or Project Management knowledge, as of yet.

I love ENGG1801

Q4 I was motivated to engage with the learning activities in this unit of study

Please explain the reasons for your rating.

http://sydney.edu.au/itl/feedback/reports/
The lecturer was able to inspire us all with his touching and truly moving recounts.
The tutorials were motivating to do well, along with Jason's motivational speeches.
I found the content and the style of questions very interesting.
It is really interesting! I started out being completely afraid of programming and now I love it.
Was motivated and engaged.
As mentioned in 2, the teaching in this course was better than any other unit I was doing, so I was motivated, yes.
The labs etc. were enjoyable and challenging, resulting in greater engagement and desire to solve problems.
Good questions, great end of unit project!
Programming is interesting!
The project was an interesting and complex activity that was engaging, and allowed me to see what I was learning as very practical and useful for later in my degree.
Because I can catch up the lecture.
content was well explained and examined, which increased levels of motivation
Jason Chan's and Jessie Leung's enthusiastic and engaging teaching has highly motivated me to work hard in this unit of study.
- Motivated by Jason constantly to achieve my very best in the course
- I love all activities in engineering computing. The project is really practical and we can improve our skills through it.
The content taught was very interesting. I was keen to apply what I have learnt about Matlab and Excel.
I always find the tutorial exercises interesting and I want to do my best in the course.
I was fun to learn but it was very challenging
The learning activities were enjoyable.
Learning to write code when I had absolutely no experience with it before? Neat.
I do like coding and I felt like this was something that I would use in my studies.
Jason and the tutors made the course work interactive and fun which helped motivate me
I LOVE YOU JASON CHAN
Most of the activities were fun or fine to work out. This was because it directly related to exactly what we were doing at the point in time or something similar to another unit of study.
I like the challenge of the questions - it makes you think about different routes/methods of achieving the goal.
IT WAS AN INTERESTING SUBJECT
Exercises were interesting and made applicable to real life situations
The information along with lab exercises were challenging and interesting, thus motivating me to engage.
it is enjoyable and fun
Jason Chan gave everyone motivation for the entire course.
Though some of the examples in the labs were easy, some of the later questions were challenging and thought provoking.
but being able to get the code correct and having it run smoothly was fun!
very interesting subject, not reliant on memorisation and rote learning like many other subjects, based on problem solving
Jessie was extremely approachable and very helpful. She was clear in her explanations and willing to stay after lab hours to help us.
quite motivated, especially because of Jason's motivational speeches. my grades have plummeted as the frequency of his speeches has diminished. i believe there is a correlation between the two
Kelvin always explained the work to everyone (as a group) in the tuts, and Jason always avoided "death by powerpoint"; his explanations broke the content down further than the presentation to the point that a child could understand them
i like matlab
This unit of study was very fun and interesting, as well as mostly all content was applicable to all other units of study, which made it very easy to stay motivated.
It's a very exciting and engaging course.
Some lab exercises were quite 'boring' while others were more interesting, these helped me to stay motivated and complete the exercises.
Jason provided a high level of motivation throughout the course.
The lecturer and tutor was effective in keeping me motivated and engaged and ensured i pushed myself
Yes, the matlab problems were quite fun
I let my friends will teach me on free time
i actually quite enjoy the labs and the project.
the more I understood, the more motivated I was
The assignment was fun
I tried to figure out the answers to the questions in the lecture slides or the labs before they were dshown.
· The exercises that were given in the course were all very fun and encouraged me to learn the course by doing the exercises,
· The tutorials are pretty good and I listen the whole lecture. Having the lecture slides available is pretty sweet.
· The exercises were engaging, and knowing that it will be useful also motivated me.
· The material and content in this course wasn’t too hard that it was impossible to do but also not too easy that it was boring as it still proved to be a challenge at times.
· I’ve never programmed before so was interested to try it out and learn a new thing.
· The subject is very interesting and is taught extremely well.
· Jason was motivating us throughout the semester. Best lecturer. He did his best.
· Tutorials and assignment were interesting activities.
· Many of the tasks whilst challenging were interesting and engaging.
· As far as subjects go, it was actually enjoyable.
· The labs are a great environment where you are encouraged to attempt each question individually, but also supported by the tutors.
· The tutorials were very helpful and easy to engage in due to the stimulating exercises.
· I find the course interesting and the fact that Jason and the tutors interact with us really helps me learn.
· Only sometimes - the tutorial exercises were good, but sometimes the length made it too repetitive or boring.
· I enjoyed the labs and assignment since they were very different to other problems that I have previously done.
· Went a bit too fast near the end.
· The labs have motivated me to do well in the course as it keeps me engaged with constant practical work.
· Mainly motivated during tutorials/project.
· Its fun when you get it, but as soon as it get really difficult (as it does very fast) you get discouraged.
· Interesting concepts were brought to our attention.
· Through tutorials yes.
· The course was interesting and engaging the labs had good example which were both fun to do and helpful.
· I was somewhat motivated. I liked the challenge.
· Tutorial exercises were fun and we were constantly reminded that we "love ENGG1801!"
· I want a distinction.
· I really enjoyed this unit of study. Having no previous computing experience meant the content was new and interesting.
· I enjoyed the problem solving aspect.
· The content that's learnt can be used in so many ways within the course and also just for creativity's sake, so it was worthwhile learning.
· There were a good range of questions and many of them seemed practical.
· Michael Li really encouraged us to think for ourselves and work hard in the labs exercises.
· The tutor explains everything clearly and gives us time to try the questions out ourselves and compare with his answers afterwards to check if you were right or wrong.
· Mandatory attendance was persuasive.
· The lecturers and tutors were enthusiastic and thus made it an engaging and enjoyable learning environment.
· The learning tasks were interesting and engaging.
· Generally, the tutorial exercises were enjoyable which contributed to motivation. Also, the project, whilst challenging, is also quite fun.
· I found the exercises in tutorials engaging as they built from easy to gain understanding to difficult to challenge and make them interesting.
· The lab questions are fun engaging.
· Answering questions correctly was satisfying.
· Learning activities require problem solving, which I was motivated to perform.
· Tutor was good.
· All the past students' stories motivate me to try hard and do well.
· Personally enjoy programming so the motivation was already there.
· The lectures and tutorials were easy going and enjoyable so it wasn't hard to find motivation.
· I've enjoyed programming so far.
· Getting code to work was motivating.
· The labs were worthwhile and interesting.
· Some exercises were very interesting.
· Yes, but more so towards the beginning of the course.
· I have always have some enthusiasm for programming.
· I would have been more motivated if each tute were marked, and good feedback given. Maybe have one exercise per week to be submitted, just for us to get an idea of what we're doing right/wrong (W.R.T style etc).
· Jason had some really great motivational lectures
· Different area of study for me-pretty good new experience.
· yup
· Some of the lab exercises are really cool
· Involved computers
· As someone with no experience, I was keen and eager to learn something new
· As someone with no experience, I was keen and eager to learn something new

Neutral
· dont enjoy computing or programming at all.
· sometimes the tutorials seemed very repetative
· Computing isnt really my thing
· to an extent however would be nice to have some work slightly related to the degree
· I didn't find anything attractive about this unit
· I did engage with the learning activities in this unit of study although sometimes the work was hard which could be unmotivating.
· If I could get code working then I was more motivated and engaged, however when code didn't work and I kept resorting to trial and error, then this would at times decrease my patience. Other than this however, the tutors did a good job in explaining how things worked, especially lab exam 2 solutions.
· In every lab I learnt something new
· occupied with other units of studies, barely had time to do anything with this unit of study
· I'm not that into programming.
· IT-related area hasn't been my area of interest and inspired area of development the whole time, with nothing to do with this specific unit of study
· not really, since the lecturer is not willing to help much (frankly speaking)
· I was motivated to do the programming work but on top of all other units it got difficult to keep on top of my work.
· no fault of course. Just general lack of interest
· I always attempted the lab exercises but once again this was due to my work ethic rather than tutor encouragement
· The project is taking a lot of of my time for me to engage the rest of the lab exercises. :(.
· Jason's motivational speeches were consistent
· computing is fun at very end
· Programming is not a strong area of interest to me, but i understand its importance in engineering.
· The activities are actually fun to do but they takes lots of explaining to get the code working and listening to so much explaining can be boring
· the tutorials are too long, I would prefer two lots of one hour labs - it would be more engaging
· If you didn't engage with the exercises provided in tutorials, you pretty much just failed. That was pretty good motivation.
· i dont like programming
· It was interesting to study, but I wouldn't say that I ever felt a sense of urgency in the subject.
· I liked the problem solving aspect, but the content is a bit above me
· Labs were a little too long

Disagree
· Very dry topics
· After a while things escalated to quickly and became severely difficult
· not motivated by my tutor Jason as he spent very little time helping me through questions. instead he consistently referred me to technology ie electronic copies of lecture slides or matlab help feature. I can understand that it is time saving for the tutor and a valuable skill to be able to find the answers to your questions yourself but I was repeatedly frustrated when Jason did not answer simple time saving questions. I also did not find Jason very approachable.
· practicing matlab takes up too much time
· I was initially interest in computing but not the programming part of things which actually really depressed me after a while.
· matlab is not a great program
· When I understood the content, it was very engaging but the speed of teaching was too fast for me. Yes the lectures were good at showing how to use matlab but that understanding the concepts comes with time and repetition and there wasn't enough time to understand the content each lecture.
· Some things were too complex and we were going too fast with the new material, so I couldn't keep up. We kept going from very basic general cases to very complex examples but there were so complex that I felt like there was still so much more we needed to know to do them.

Strongly Disagree
· no I find this course really hard and not fun
· Subject did not interest me what so ever, was difficult at times and boring. Cannot see relevance to my degree which also adds to less motivation.
· Nobody is motivated to study anywhere ever.
- I love ENGG1801
- the activities are often designed to be fun and allow for creativity
- Some of the exercises were interesting, however computing/programming has never been a passion of mine.

<table>
<thead>
<tr>
<th>Q5 (AAS)</th>
<th>The assessment in this unit of study allowed me to demonstrate what I had understood</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>81%</td>
</tr>
</tbody>
</table>

% responses per rating: 5D+D N A+SA

Please explain the reasons for your rating. Strongly Agree
· All assessments were of a suitable difficulty and provided a fair representation of the content during the course.
· The assessments showed directly what I did and did not know.
· I strongly agree, all of the assessments tested us on everything we had learnt. In particular, the open-ended nature of the extension question of the assignment allows top students to really demonstrate their knowledge.
· The assessment was similar to what the tutor taught in the tutorial.
· All assessments were done well and enabled me to demonstrate what I have learnt.
· Project is a great way to demonstrate it.
· Assessments stringly reflected labs/lectures/content.
· The project is nice for students to demonstrate their understanding of the MatLab language.
· Everything was tested in the quizzes and assignment.
· A great range of questions that allows me to show what I have learnt.
· Exam questions were similar to questions in lectures and labs.
· The assessment was clear in the outcomes it expected.
· I could find what I didn't understand.
· Yes, content was examined well.
· I can demonstrate what I had understood through lab exercises and at the same time I can find my problems.
· The assessments really tested my knowledge. They allowed me to learn a lot from all my mistakes. They also gave me a chance to apply what I have learnt.
· Lab exams and project encourages demonstrations of abilities learnt.
· The assessment was difficult but not much beyond the level of the tutorials, giving people opportunities to demonstrate their knowledge and extend themselves if they are able.
· The assignment and tests test the students knowledge in that many are coding assessments. Here demonstration is key.
· Open book exams are so refreshing.
· All the assessment involves practical work.
· It was challenging and I needed all the skills I learnt to pass.
· Tutorial exercises correlated clearly and precisely with lecture material.
· Tutorials are a great way to demonstrate what I have learnt.
· Tests were very relevant and connected to the course's outcomes, and also tested the necessary problem solving and analytical skills required for this course.
· I LOVE YOU JASON CHAN.
· Yes the assessments examined all relevant material that had been covered.
· The Project was quite hard but because it requires all the aspects of the course it is good revision.
· Very true.
· The different levels of assessment ranging from easy to quite challenging enabled me to demonstrate this effectivley.
· I always learn best by doing something myself, rather than having someone tell me how to do it.
· The assessments directly tested what had been taught.
· Without doubt, the assessment challenged me and forced me to demonstrate the variety of things I've learnt within the course, as well as letting me express these things in a way that I believe to be my own.
· Questions used techniques that were taught during the labs, so it was a good gauge in testing understanding.
· Absolutely! I liked that the assessment was design to test the actual knowledge, and understanding of the material, allowing to use lecture notes, labs etc; rather than testing the "skills of simple memorizing and copying".
· So far the lab exams have been very fair and probably the right difficulty.
· The projects and assessments are well done, and allow you to be as creative as you want.
· The questions were directly related to tutes and lecture material.
· What had been taught throughout the course of the semester was thoroughly tested in the lab exams. Even just tutorial exercises were beneficial in this aspect.
· Exams were well laid out and tested m abilities.
· The assessment was well tailored to make people show ability.
· Lab quizzes were a good way to find out what I need to improve.
· No complaints.
· If it had not been for quiz 2 I would not have known where I was going wrong (it's easy to say you understand when someone explains it to you but can you reproduce it effectively if under pressure?). And the tuts after every quiz also provided feedback to let me know how I could have approached questions more effectively. Even the ones I got right.
· Assessments covered the material well and required thorough study.
· The questions in the assessments were quite hard at times, and harshly marked, and I felt like sometimes even though I put an effort it in of what I did know, it wasn't recognised.
· The assessments tested everything I learnt and were fair.
· You have to know the theory perfectly if you can demonstrate it in a problem.
- the project is challenging but not too hard and gives room to show everything I know
- based on class labs, some quiz questions were of a much higher standard.
- the assessments and final project seem like they have made me use most of the things that I have learnt in this course
- admittedly my marks reflect my lack of study
- I can know what my strengths and weaknesses are with this course, and realise how I can improve after attempting the coding myself.
- The assessments were fair.
- this assessments are well written and are able to test well what we have learnt and understood as our working and comments are also marked
- The assessment was hard, but it demonstrated what we learnt and understood
- Questions were suitably difficult as to allow for a thorough demonstration of knowledge without being too onerous.
- The assessments tested the knowledge we had learnt.
- Whilst the assessment in this unit of study was limited to only the material covered in weeks 3 to 10, it has allowed me to demonstrate key aspects of the material I have learnt in this course.
- Good combination of lab exams and project to demonstrate skills
- I agree due to the lecture slides
- exam reflected lab exercises
- The assessments are certainly challenging, which encouraged me to apply what I had learnt in more complicated ways
- yes
- Assessment clearly test basic understanding of materials taught in lectures
- Questions in excel/matlab quiz tested what was taught in lectures, harder questions in matlab quiz did not reflect on what I had learnt.
- The tasks were able to challenge me in terms of what I studied and also outlined pushed the boundaries and made me think deeper in final questions
- Accounted for a variety of skill levels.
- Labs and projects are reflection of what we learnt.
- Yes.
- helped understand the concepts, their applications in real life, as well as linking them together in a whole.
- Although the assessments did not test all aspects of what we have learnt in this course, they have definitely been fair.
- yes, but it was mostly the tutorials
- I felt as though it was not broad enough
- Assessment was appropriate with work done.
- The labs were extremely useful for testing the theory I'd learned, the assessments were good but since they were short they didn't test all the knowledge I had.
- I understand the idea behind a pen and paper final exam (removes more plagiarism) but considering the course has the word "computing" in the title, it seems a bit odd... Also, I learn a lot about what I'm doing wrong by running my code and debugging, and 99% of the time I don't write code from the first line to the last, there's a lot of up and down and revisiting of lines; it doesn't feel like pen and paper allows us to do that effectively.
- The assessments were a good opportunity to exercise all the skills I had learnt in combination.
- It tested what was expected of us to know
- I think in most aspects yes. In some questions we were asked to perform the process was a little unclear and could have been explained better
- They assessed relevant things to what we learned to ensure that we were able to show off our skills.
- I believe that the correct allocation of marks has been input for this unit of study
- Apart from the final exam which is illogical; i.e. doing a programming/coding exam on pen and paper is the same is doing a physics exam via playing football.
- The assessment was difficult but it this was established and reinforced prior to the exam.
- Yes it did.
- Sometimes the questions in the lab exams were
- Good range of difficulty of questions
- The assessment has allowed for a greater understanding in solving problems quickly and efficiently.
- I did well.
- assessment helped me understand stuff
- The assessment accesses what I've learned so far and drives me where I am so far.
- Particularly in the assignment.
- The parts assessed in exams were very reflective of the learning we had done in the course.
- The assessments were based on what we had learnt and understood but since we were mainly taught just what things do, the understanding of things were less which made it harder to apply in the assessments
- true
- I thought the assessments were challenging as they did not ask for the exact content that was taught in class. Instead
we are asked to understand a problem and select the appropriate solution from our skills
· Jason clearly explained this
· Always formulated off what we have done
· Engineering student need this.
· mostly
· Partially agree, there were occasionally some challenging questions which was not effectively covered in the lectures and course content, and essentially made attempting these questions very difficult, as well as not understanding how to go about attempting the questions.
· Also demonstrated to me what i was missing
· Assessments focused solely on what was taught in the course
· Assessments focused solely on what was taught in the course

· Not really, assessment could've been easier!
· This question is invalid since we haven't done the final exam yet.
· I felt I didn't perform overly to what I had comprehended in lectures.
· Actually I kind of learnt more about the specific topic with assessments
· The second assessment is much harder. As I compare to the same LAB2 Exam to the others in the same weeks. The Friday's one it is much harder than the others in the same weeks exam2.
· I would have liked to have been able to practice with a larger variety of questions, however I understand you cannot give too many questions, since students are allowed to access the course website during exams. Perhaps the whole system needs to change?
· better more help with the project assessment
· should upload the answer at the same time
· The lab exams and lab exercises were realistic in terms of what we had learnt. I felt the project was a little out of our scope (especially for the first time programmers, like me)
· The assessments were quiet harder than expected
· I understood a fair bit of things but in the exams it didn't really focus on a wide range of one's knowledge but overall the exams were fairly good.
· Really?? a pen and paper exam for a programming course??!?!?
· It demonstrated that I had problems in fully understanding the code if modified and memorising it.
· When there were parts I didn't quite understand as fully as others, I was then stuck and couldn't progress any further with the project even though there were later parts that I did understand but couldn't do because of earlier questions where I was stuck
· The tasks were for the most part too easy.
· It did if I knew how to do it
· i found the tests, if studied for, were too straightforward and i would have like the assignment to be more open ended and challenging
· Yes and no, some topics done close to the assessment just needed more time to be understood.
· i'm in the middle of the final assignment, can't say anything. tests were ok though
· it used the skills that was assessable
· project very hard, lab 1 exam was pretty easy and lab 2 still had trouble, but I think more practice with matlab question would be ok.
· i forgot everything during the exam. this is because i made one vital error. i did not master the basics. i hope i learn from this mistake.
· The final exam for this unit is written
· For someone with no computing/programming experience I found the exams very difficult
· some of the questions on the quiz was hard to understand what to do, so answering the question in the wrong way was highly likely
· I feel as though the assessments could have been better structured.
· it was a bit too difficult
· no, I didn't have access to the exam questions after the exam so I wasn't able to re do them after and learn from my mistakes
· I love ENGG1801
· Not exactly. The assessment was really hard in the sense that I wasn't that good at matlab

Q6 I can see the relevance of this unit of study to my degree

% responses per rating: 9% 18% 73%
5D+0 N A+SA
Please explain the reasons for your rating.

- This degree has provided vital skills for programming which have already been utilised in my degree.
- YES
  - I can see how it could make difficult problems easy for an engineer
  - Computing and programming is becoming more and more prominent in engineering
  - Matlab has plenty of use for an engineer or scientist.
  - what I learnt about Matlab will be extremely useful throughout my degree
  - the Aero lecturer has mentioned the need to have a solid understanding of Matlab for later courses
  - See question 3
- Yes, because my degree requires MATLAB use.
- MATLAB is useful is later parts of my degree, and this was shown to me in earlier lectures where we saw engineering subjects that required MATLAB.
- Good to use in Maths.
- Helped and taught a lot of important things.
- Using these programs will be useful with work in the future
  - I know I will be doing ALOT of programming in my course. Computing is a key element in my course.
  - I believe this degree will be very useful in my future studies/
  - Working with computers is a valuable skill, especially in the field of engineering.
  - program is necessary to engineering
  - The multiple example both in lectures and labs have really shown that the skills I’ve learned are going to be useful in my degree
- Pretty relevant for my degree, and I could see it from the very first lecture (not something very common in Engineering).
  - Matlab will be used a lot in my degree (chemical engineering)
  - Knowing how to use Matlab should prove useful later on in my degree, as work becomes more complex.
  - Being able to calculate, visualize and describe a problem and its solution is very important
  - Mechatronics NEEDS programming, and I had had no experience prior to this course
- I LOVE YOU JASON CHAN
- Very clear.
  - This unit of study has given me valuable knowledge for future years of my study
  - I know that matlab is continually used throughout my degree and probably throughout my career
  - going to study bachelor of civil engineering and a slight computing background is highly recommended iv been told
  - I am studying engineering, MATLAB will be useful
  - Programming will be extremely important to my degree so machines will be able to operate properly.
  - Yes. In engineering I will most definitely use the knowledge gained through this unit of study.
  - I ca see the relevance to any degree and human being, who lives in 21 century and willing to optimize computer skills
  - These skills will be used a lot after this semester and throughout the whole of my degree.
  - coding obviously has its benefits, and matlab is an extremely powerful tool
  - This unit of study is exceptionally useful to mechatronics.
  - Yes, I can see how this unit of study is crucial to my Engineering degree.
  - I think it is important to be able to understand problems logically and thus be able to solve them within the field of engineering.
  - The concepts taught in this unit of study would be extremely useful later for my degree especially excel.
  - Not only developing programming skills that may be required to solve engineering problems, I have strengthened my problem solving skills.
  - I have used matlab in other subjects and knowledge from this course helped alot
  - had assessment task where I was given like 2400 lines of results and had to input each of these lines in excel separating the commas too, so feel that if I can get matlab pretty familiar in the future won’t have to input all those results but just read it to matlab and run it through a loop.
  - I have already had to make use of coding outside this unit, so its relevance is clear.
  - Very relevant to engineering
  - It ties in nicely with what I’m learning this semester (and in future) and the skills taught will help me solve engineering problems later on
  - A large amount of applicable material to my degree.
  - The use of matlab seems very widespread and important in almost any engineering application.
- I do in the sense that i know i will be using it to solve engineering problems,
  - The skills attained from this unit of study were helpful in allowing me to code and open a range of career doors
· Yes as much of matlab is used in engineering
· i can see that some of these matlab skills could come in handy later in my course
· This course seems to be useful in implementing programming and mathematical concept into simple and more complex situations in engineering.
· this unit of study is very useful as matlab is a very important piece of software in engineering
· I am doing Biomedical Engineering. This would be useful.
· I know this will be relevant, but the style of questions etc at the moment arent that useful to my degree directly
· Yes I do, Matlab is relevant for engineering
· it will make large equations and problem become easy to solve without spending loads of time on them with the risk of human error
· Programming is widely used in engineering.
· This unit has added a skillset which will help students become better rounded engineers with an appreciation for varying aspects of the career.
· solving problems using computer
· yes, matlab is required by engineers
· It is relevant, but not highly relevant.
· Practical examples could be applied to real world situations
· I know that I will be writing programs to solve engineering problems later in my degree, so this course has been invaluable
· yes
· Probably still need another subject like this but more advanced to be used for engineering.
· It teaches you basic computer programming skills not just how to use matlab
· As said previously, matlab is used by engineers and excel is also a useful tool for university
· Programming may be useful for compiling data, organising it for civil engineering and other sciences
· chemical engineering often requires calculations and stuff
· I can see instances within my degree where this knowledge would come in handy.
· The work is helpful in operating computers to the individual's desires.
· they are indirectly related
· i have been told that it is relevant by others further ahead
· The learning of programming is good for helping with problem solving, which is a large part of engineering.
· Early days so the requirements of my degree are currently unclear but in terms of its use for experimental data processing and mathematics, it seems very useful
· Not at the moment, but I am sure it will be relevant in later years.
· This unit of study allows me to use Matlab to do complex calculations that are definitely required in engineering.
· I have heard that MATLAB needs to be used for many futures units of study in Engineering.
· I will be doing programing for engineering so yes matlab skill did help
· I'm probably going to have to use computers in the future to perform tasks in engineering and this course will have provided another way of solving these problems.
· plotting and creating simulations with matlab is definitely related to my degree
· IT DOES HELP WITH CALCULATIONS AND WILL BE USEFUL IN MY LATER YEARS
· computers are a large part of many workplaces and i feel i am much more confident in this area now
· Programming I think is important since I am doing project management and I may have to cooperate with IT people in the future.
· in a mechatronic degree i can see this as being very relevant
· It should help with with future engineering problems
· i'm doing civil so i can sort of see it
· Using various software to perform operations is crucial to various parts of my degree and my career thereafter.
· practical examples of the use of matlab were included.
· it can help engineers simplify calculations and sketching plans
· many elements of other subjects that do eg maths
· Engineering requires skills in problem solving. I think MATLAB forces you to analyse and reanalyse a situation and the best way to approach a problem
· I have used matlab in my mech1560 course.
· Jason clearly explained this
· Necessary to be able to use computers/program nowadays.
· I can see the use of programming skills, but i gather matlab is expensive and infrequently used. Another language might be more generally useful.
· highly applicable in engineering fields
· would be useful if kept in my arsenal for future mathematical/engineering projects
I can see that Matlab may be relevant for simulations although some parts focused on in this course do not seem overly relevant.

I can see that Matlab may be relevant for simulations although some parts focused on in this course do not seem overly relevant.

Neutral

I like the course, but it's relevance to my degree is somewhat obscure.

NO

Don't really see

Although it may not be extremely relevant to my exact course I do feel that it was beneficial in some ways.

doing civil engineering, so nothing will be used except bit of information.

Basic skills for all the subject in engineering field

Not really but its a good course.

Not saying this course is not good, it is fantastic. Yet, beside AMME or IT, the relevance might not be as great.

yep

Not an integral part of civil engineering degree

not yet.

I'm not entirely sure about it.

Not too sure at the moment. Excel has already helped me in other subjects.

not at all now. may be in future

Civil Engineering - apart from running a few simulations, not really. Again, it was just something interesting and fun.

I don't know if it is.

it has nothing to do with my degree

I am not yet wise enough to completely fathom the relevance of this unit to my degree but I believe it will be quite useful as time passes.

I can't see myself using this kind of computer programming in my career although I guess for the degree it fits in ok.

currently doing 3rd and 4th year subjects at the same time due to exemptions, had yet to see any subject that required matlab

can't really find the link

Not really but I see it in relation to other engineering disciplines. I am a chemical engineering student.

Not really

I would rather do two 3 credit point math units to replace this. Learning in front of a computer screen is not my ideal situation to be in.

Absolutely nothing to do with civil engineering, plain and simple!

I'm doing project management (built environment) so I don't see the relevance at all

Subjects such as Engineering Mechanics, Structural Mechanics, Project Finance directly relate to my degree and real life situations. Engg1801 is very difficult to see how this can be used later.

again I don't really need to use matlab

I love ENGG1801

Q7 It was clear to me that the staff in this unit of study were responsive to student feedback

Strongly Agree

Great staff, not doubting that!

Every question I asked had a great answer. This was the most pleasing part of the whole course.

The staff in the course were very helpful and responsive

very responsive to feedback to the point where we received feedback/a summary of our feedback

Can confirm, were responsive.

Very impressed

I liked the staff in this unit more than any other unit.

tutor was very helpful
· Tutors were helpful and patient.
· Jason clearly addressed the feedback and answered any questions provided to him
· Any questions I had were answered both quickly and to a high standard.
· Jason is particularly responsive to student feedback, he devotes plenty of time to addressing the responses to the surveys
· Jason replied my email and answered my question very clearly.
· Jason and Angela, my tutors, responded extremely quickly to all my emails to them.
· Maybe too much...
· The staff would always ask for evaluation, finding places where they could improve
· All comments written on the survey were read by the lecturer (Jason Chan) and students were given feedback.
· Jason Chan always responded immediately to my emails. The tutors also gave me a detailed answer to all of my questions.
· I have noticed that changes have been implemented in the speed of the lectures, and the reduced amount of changing between slides multiple times.
· Answered very quickly and efficiently
· Feedback was clearly something very important.
· I didn't see things changing within semester but the lecturer clearly took the time to go through student feedback and explain any queries that people had.
· always helpful, informative and nice
· Lecturer and tutors seemed to listen to student feedback.
· Jason is very good at responding to emails and is very very quick to do so also. My tutor, Ken, was also very responsive and helpful during tutorials.
· The lecturer and tutors were willing to help out and answer any questions I had about the work or course content.
· All queries were answered quickly and explained thoroughly
· I LOVE YOU JASON CHAN
· They would constantly ask if we understood or if anyone needed help and if they were doing something wrong or someone didn't like something. So yes. They were very willing to receive feedback.
· Jason made an attempt to address student feedback from surveys in an attempt to explain his teaching methodology and concerns with equipment etc. He also made us aware that these issues would be looked into (particularly for IT equipment issues).
· Jason spent a third of a lecture on that.
· they are always open for new idea( Jason was at a least )
· Jason's teaching style was very considerate of the feedback
· The staff were very helpful with any questions i had.
· Jason always responsive to feedback.
· The staff were very committed
· feedback was run through on the lectures and addressed effetively. i found all feedback being posted online for everyone to see was also very good clarity and showed that they cared about the feedback
· Jason Chan is very proactive.
· Jason is very responsive to feedback, and you can feel that he really cares about what students think and wants to improve the coarse
· Absolutely. Jason made a big point of letting us know he had considered our feedback.
· Sound feedback on the lab exams and very good feedback in tutorials
· they always were responsive
· Jason Chan was always willing to accept feedback and move forward with it.
· My query which I had sent during the semester through to the engg1801 it help email was promptly responded.
· tutor Will de Ferranti answer my questions when I asked
· very good tutors, answer all questions clearly, jason is the man
· Seen in countless lecture slides on feedback - especially from the mid-semester survey, however this took up lecture time...
· Fast email replies were very helpful and in the labs.
· This is one subject in which I can tell that the staff read and listen to student feedback, the structure of this course is so well developed that it feels like it was written by those who have taken it previously
· Jason has pointed out how the staff respond to student feedback, and how they go about reading them.
· I'm doing this survey, aren't I?
Staff were generally responsive to the feedback.
- The staff responded to questions quickly and this was very helpful
- The students’ emails are responded very quickly
- jason chan showed this in one of his lectures
- appropriate changes are made in response to the feedback
- Bit more indepth for lab tests, but otherwise the feedback was good
- Jason collected everybody’s feedback from this course and decided to slow the lectures down a little for everyone to understand the concepts a little easier.
- Jason has been responsive to every student feedback
- Went through comments and feedback in the lectures.
- Jason was responsive to emails and correspondence which was of great assistance during the course of the unit.
- Yes, but I also understand the lab exercises telling you to find the answer in the lecture slides which is fair enough because there is only one tutor in the room.
- staff were mostly responsive and reacted to student feedback
- It was very clear that the staff in this unit of study were responsive to student feedback, much more significantly than in other U.O.S.s.
- The tutors were very approachable and interested in helping us when we needed it
- We got feedback from Jason in the last survey
- Lecturer noted many areas of student feedback during lectures
- Jason was good in trying to accommodate for what all students wanted
- Yes.
- lecturers and tutors are always improving and providing more help
- Lecturer explained restrictions on responding to some feedback, but showed an effort is being made.
- jason did go through the feedback and addressed some of the issues involved
- Jason as a tutor and lecturer was great and helpful and responded well to any questions or problems I had
- Any feedback staff had received was answered with their own opinions/feedback.
- Survey results published and analysed and Jason and Donna on-hand for questions, including engg1801help email
- Tutors were very helpful
- Yes, they adapted to the given feedback
- Good response from the staff in trying to continue to improve the course
- They have taken the feedback and put it into action.
- Question asked gets good and clear reply
- Jason made it clear that he considered student feedback
- Staff read through all the feedback submitted by students, and the possible problems with lectures/ labs were explained.
- they did a good job
- Jason went through the feedback in the lecture so it's clear he at least looked at it.
- Midsem feedback made it clear.
- Yes the staff are all extremely helpful and the best
- the staff are very helpful and engaging
- Feedback was always given.
- I was always able to discuss issues with the tutors and lecturer
- yes indeed they were quite
- Jason clearly explained this
- Jason goes through the results of this survey with us, which shows he reads what we have to say
- I mean Jason did stop doing motivational speeches which was good.
- jason seemed very proud of some of it :)

Neutral
The feedback given for the assessments were somewhat detailed, however the response could have been more tailor made provided by our tutor for each student in their class.

I have no evidence to suggest for or against this.

I didn't observe any obvious change in pace when I explained how rushed the Matlab content was in the mid semester survey.

No idea

Did not notice much change. Very little change was necessary.

I haven't put in an student feedback

Staff address each student's concern

I have seen/heard of no instances either way.

I haven't give any feedback yet

not enough, not working hard enough

no noticeable change after the first survey

I didn't know what I did not know. I guess functions but that was because I did the project.

The student feedback from the mid-semester survey was too varied and thus, understandably, it was difficult for the staff to satisfy all the students.

Jason did not address concerns in his lecture but merely stated why the feedback was flawed

Donna has answered my questions satisfactorily

Didn't really notice a difference since the subject was already being delivered so effectively from the beginning.

i didn't really see any student feedback that they could respond to....

i haven't asked any questions outside of the labs. labs were pretty good though

i dont know

Jason Chan certainly reads it, and loves positive feedback, but he hasn't done the one thing many people (at least in my tute) asked for: simple course notes. Just the powerpoint slides compressed to a 2 page pdf.

Feedback was recognised although I believe not a lot of changes were made after the mid-semester survey

Feedback was recognised although I believe not a lot of changes were made after the mid-semester survey

I love ENGG1801

Definitely. I feel like Jason lives off students' responses.

We have a lot of opportunities to give feedback, and I always feel as though it is taken on board by both the lecturer and the tutors, and I also feel that the staff of this course are accessible.

Definately

Please explain the reasons for your rating.
The feedback was good and the ability to ask tutors about the questions meant that there were no questions left unanswered.

Despite the large volume of students, each one received personal feedback on where they need to improve.

The tutors explained the solutions in class, which was very useful and helped me identify my mistakes.

Yes

I could find what I did is not correct.

Yes, feedback was effective

It was good knowing where we lost marks in the lab exams because I could go back and self-fix the problem after only watching the solution being demonstrated once.

Feedback was given and I was able to understand where I went wrong.

The demonstrations of the tutorial exercises and the assessments were useful in helping me to understand where I had gone wrong, and thus to improve.

Tutors were a great help.

The combination of written feedback and going over exams in the labs was helpful.

Comments given out with assessment marks helped me to understand where exactly I had gone wrong, and helped me make improvements where needed. The tutors also ran through the exams afterwards to show the best solutions and how to get the most marks, which was very valuable in understanding the course content.

I LOVE YOU JASON CHAN.

Assessment feedback is very valuable.

Yes, I was told exactly what I did wrong.

I can easily learn the mistakes I've made.

Perhaps giving extra hints/tips even if you got full marks.

The feedback they give is always useful.

All errors made in the exam were explained with the release of the results allowing individuals to look at their errors. Any further queries could easily be directed to the staff who would promptly respond.

The in-tutorial feedback helped guide my learning and showed me useful tricks which I missed in the lectures.

Simple, told me where to fix code.

It let me know how I could have approached questions more effectively. Even the ones I got right.

Mid-semester survey was really good.

All feedback was thorough and well explained in tutorials to allow me to learn from my previous mistakes and recognise where I can improve.

All feedback was thorough and well explained in tutorials to allow me to learn from my previous mistakes and recognise where I can improve.

Agree

Assessment feedback was generally sufficient.

It was pretty useful.

The feedback from each of the question in the exams was very helpful as it helped me realize what I did wrong.

Not much feedback from the quizzes but my tutor (Jen Jen) covered the quiz solutions well as well as the thought processes associated with getting a solution.

Agree for sure.

Questions were gone through in labs.

Went through quiz’s in class to show how to do them after we had gotten marks back. This is good to help improve.

The feedback was on the most part good, occasionally I was unsure about where I had lost marks though.

Showed me which areas I need to improve on, feedback could be more in depth.

From the feedback, I realise what I need to improve and then attempt to improve on it.

It was all constructive, so yeah it was useful.

The feedback from the assessment was short but helped us pin point the areas we had to improve.

Feedback on assessments was reasonable in terms of descriptiveness, it was then good to have a run-through of the quiz in the next week lab. If there was a small error in the quiz I had to listen to the entire question the next lab to find the answer to my problem. This was tedious for longer questions.

More detailed feedback for the week 7/8 exam would be nice.

Better than in other UOS.

Tutorials explained errors in quizzes on top of the feedback already given.

Comments provided with assessment marks enabled areas in need of improvement to be identified and improved upon.

Some more feedback on our quiz would be great - like why we lost marks for our comments.

Feedback from assessments helped me to learn from my mistakes.

It is difficult to give feedback from assessment for this course since it is computer based. However, going through the exams afterwards is satisfactory.

Well explained mistakes.

Lab taught us how to do exam.
· I was pleased that there was class time with the tutor to go through assessments after they were completed therefore getting a full understanding of my mistakes and being able to improve from this
· yes
· going through the test solutions in lab was good but would be nice to have also have had access to the solutions after the lab.
· Showed where I had gone wrong/could've approached the question differently.
· I learnt from my mistakes.
· its very helpful
· The assessment feedback was not full of personal feedback. However, going through the assessments in the following tutorials was very helpful in acknowledging mistakes and learning from them.
· Learn from mistakes
· Yes.
· going through feedback and common problems in lectures was really useful.
· The format of the comments when we got results for the Matlab lab exam was a bit confusing, but we went through all the questions in the tutorial anyway.
· the feedback from assessment is pointing out the point that i need to improve
· the feedback allowed me to understand mistakes i made
· The feedback I received for the parts I got wrong were helpful, explaining what was wrong and how to fix.
· Was useful however greater feedback on commenting and coding style would be appreciated.
· Assessment feedback clearly pinpointed areas of improvement
· They were student-specific and prompt.
· The feedback was specific which was great. Maybe if we could get our code back too, and told where in the code we went wrong.
· Having Jason as my tutor really helped me get through doing the assessments better than I expected, however my assessment wasn’t marked properly which I referred to Jason and he rectified
· I find that really useful as it allows me to compare where I went wrong and its useful for learning my mistakes
· The feedback helps me to realise my errors and ensure that I perform better in the near future.
· With feedback I was always able to solve the problems I had encountered previously.
· I can see where I went wrong
· the feedback was understandably quite vague at times, but going through each test was very helpful in correcting mistakes made and increasing understanding
· Answers to all questions were explained
· Feedback from assessment has taught me to perform actions in a different way, helping me to learn more efficient methods of solving problems.
· i got good feedback from my tests on where i went wrong.
· I could learn very well from mistakes made and move forward in my programming skill.
· The best way to learn and improve my skills was by inspecting my own mistakes
· As were solutions after the assessments.
· Telling me what the problem was within my code, helped me learn from my mistakes. Although some of the other problems with my code was not highlighted when I lost marks for doing it the wrong way, which didn't enable me to understand how to get full marks.
· see where i went wrong was really helpful
· most questions’ problem were cleared when explained by tutor Will de Ferranti in the lab exam feedbacks, and not sure about project as it hasn’t been handed in or given feedback (if we get it?)
· could have better feedback from lab exams, come comments were unclear but overall good
· It certainly showed where I was on the right track.
· i went to the wrong tute so it was quite irrelevant unfortunately
· Jason clearly explained this
· Perhaps not enough feedback from tests, though there was definitely some there.
· it help as tutor done the questions to show hows its done
· maybe a bit more explanation in lost marks would be helpful
· Feedback could be a bit more detailed.
· There was not enough feedback to help me successfully correct my mistakes.
· Jason provided lots of feedback, except there was no individual feedback, which was somewhat disadvantageous.
· Feedback for lab exam 2 could have been improved by clearly outlining the expected coding style.

Neutral
I would've liked better feedback when lab results came out, it seemed a bit too generic and I wasn't exactly sure what I did wrong in some cases. In terms of sample solutions these are good to understand the questions!

The feedback was small and short but otherwise the general solutions helped solve many problems.

I expect more feedback. It's just ok

It helped a bit.

I wish that the assessment questions would be put up on course website so we can review them again for future assessments.

Comments were helpful although needed to be looked at alongside assessments to understand where I went wrong.

I did not understand marking scheme for certain sections ie commenting.

The assessment demonstrations was quick, we should have solutions available online.

The feedback from the assessment was mostly technical (coding errors), however I was able to get guidance on my coding style and use of comments from my tutor easily.

Feedback did not really help students, it only reflects what the students are thinking rather than help them.

Not much feedback given.

With such a large cohort it's obviously difficult to give extremely detailed feedback, however the one line of feedback from the lab exams wasn't necessary considering the tutors would go through the lab exams afterwards anyway.

It was difficult to figure out why marks were lost due to the commenting of code.

The one complaint I have about the course is it's lack of feedback besides the assessment and the work done in labs there is nearly no way to get better feedback on any problems you have, this could cause problems for students having difficulties learning the course.

I didn't receive any in my case.

The first exam had feedback attached to the results, however the second exam did not, so I wasn't really sure about how to fix the mistakes I did. However, Kelvin went through the exam questions so that was fine in the end.

There were no comments for why I lost two marks for comments in the lab exam 2 feedback. Otherwise good.

I should be more elaborate.

More time should be spent during tutorials in feedback.

Because of the style of the exams, it was not always possible to give detailed feedback that could help for future tasks.

Not really clear on where marks were lost in the 'coding' section. Also, feedback from some parts of the assessment weren't exactly clear on where we went wrong apart from giving a very general region.

It showed me where I went wrong.

More detailed feedback on what could be improved in lab exam code or maybe putting the results with the feedback on an individuals blackboard.

The feedback was okay, but it would be good to get sample solutions.

Could have been clearer about where marks were lost, and more detailed feedback.

I didn't get comments for quiz 2.

Barely any feedback.

Feedback for lab exam 2 was much too fast and didn't cater for individual's mistakes and why they may have made them, only gave correct answer.

I have only lost significant marks in the comments section of lab exam 2 and the reason for this wasn't explained to me.

I would be useful to get it back with more of a feedback.

Not enough feedback.

No individual feedback for assessments.

Did not get individual feedback but then again did not ask for it.

Well the feedback was just about how well the course is and it didn't help me understand how to think logically.

I found the markings for comment style were often uncommented and was unaware how to improve on this and what exactly was wanted from comments.

The feedback only explained where I lost marks, it didn't say if I did the question in the best manner or if there was anything that I could improve on from your professional programming experience.

Would like deductions in lab exams in the coding style section to be commented on, so we can know what is wrong in our style of code writing.

Was not thoroughly explained.

Feedback? Some feedback was bullshit, sometimes there was no feedback. (1 mark off for coding? What did I do wrong?)

I love ENGG1801.

The feedback was useful especially the comments telling us where we went wrong/
Q9  The lecturer/s explained the material well.  

Please explain the reasons for your rating.

- Very well
- Jason is very didactic and teaches in a way that everybody can understand
- Jason is #1
- Pretty much all examples were explained proficiently
- Jason is very good at explaining things.
- The lecturer explained the material in an organised manner and whenever there is a part which students tend to be more confused about, the lecturer will explained it slower so that the students understood what he said.
- The lecturer was very engaging and explained the material well
- the lecturer is one of the best i have ever had and the way he explains the material is very simple and extremely easy to follow and the examples he shows us are able to consolidate the ideas he presents. #1 lecturer
- Pats on the back for you, Jason.
- the lectres were very clear and the 2min break helped to absorb more info
- Yes.
- Jason is a brilliant lecturer. He sort of spoon fed us. I material was hard, but he did his best. If anyone is failing it will be because they didn't put any extra effort.
- SO WELL. not everyone is capable to do that.
- Went at a good speed for most people.
- Superbly
- Good lecturer
- The lecturer explained the material exceptionally well.
- - Constructive feedback constantly provided to me was very helpful
- Excellent Lecturer! Calm, clear and helpful.
- The material is not particularly difficult to understand, but there is a LOT of material to learn, especially for students like me who have no previous programming experience. However, Jason is quite a good lecturer; definitely the man for the job.
- Jason has been my best lecturer so far at University. He presents the material in an incredibly detailed and yet concise way.
- All material was very clearly explained and often repeated which i found extremely helpful
- Jason Chan deffiantly knew what he was doing
- The lecturer (Jason Chan) explains the material thoroughly and clearly.
- Jason was really clear and easy to understand. He provided many examples that helped me understand the content. He often repeated himself helped me a lot to remember the content. Jason also gave us two-minute breaks, which was extremely beneficial for me listening to the lecturer and focusing throughout the whole lecture.
- the lecturer is really good
- Jason is fantastic at putting across the information required, and motivating people to learn. I am also often surprised at Jason's ability to answer questions before they are even asked as he has obviously thought through every situation that might confuse students.
- Great lecturer, clear and concise explanations, shows enthusiasm in teaching.
- The lecturer is well-prepared and explains all concepts clearly. and it is easy to follow and understand even if you have little or no prior programming experience.
- Very detailed and enthusiastic
- Jason explained everything in detail
- The lecturer thoroughly went through material.
- very well although there was too much flicking forward and back... still really effective though!
- The lecturer has some communication skills, gotta tell you!
- Jason Chan is gangsta (thats a compliment)
- again just too fast for me!
- Jason Chan is a really good lecturer, going slow in parts that need more explanation and going back to examples to further my understanding of the subject.
- Very clear and categorised information which built on itself throughout the semester in such a way that it was easy to follow
- Jason was an excellent lecturer and always presented the material clearly and at an appropriate pace
- Lectures were both informative and interesting, helping me engage with the material being covered.
- Very entertaining and informative; the examples and exercises during the lectures made the content clearer
- I LOVE YOU JASON CHAN
- Jason Chan is Awsome
- As I said earlier, Jason is a very good lecturer. Enough said.
- Material were explained very detailed and everything was easily understood
- Yes.
- Jason is great. Keep it up mate!
- The lecture notes have to be some of the most comprehensive I've seen in my 3 years of university study. A true how to guide that really acts as supplement to having no course notes / text.
- Jason is an absolute machine. He comes in flaunting his little suit and throws information left right and center. Every student sits in awe of his lecturing skills. This comment may sound ridiculous, but it is true. King Chan is the best lecturer I've ever had and I've been at uni for 3 years. Could switch ties up a bit though.
- lectures are very self-explanatory.
- Jason is great!
- Jason's great at explaining, always clear. Just slow down a bit.
- Especially in the tutorials, material was looked at in greater depth which helped grasp the concepts.
- Jason Chan is really good at explaining the material and keeping us interested during lectures.
- Jason was extremely good and lecturerd in an efficient manner that allowed all to follow and understand
- Clear and fluent :)
- Jason always covered lecture and lab material thoroughly.
- Jason Chan.
- the lecture slides were extremely useful , and Jason did a great work in explaining the coarse material
- very easy to understand
- Jason Chan was excellent in explaining the lecture material
- I thoroughly enjoyed Jason's lectures. He always explained the material clearly, supporting the concepts with examples. His way of presenting the material was excellent due to his admirable enthusiasm and high knowledge.
- Jessie, Kelvin and Jason explained the material excellently and were not hesitant to help, where there was a lack of understanding.
- Houda Chehab explained certain questions in a detailed manner, going through how a problem could be solved step by step. During the process, she would also prompt the class to think for themselves as well.
- Jason was interactive and very easily to understand!
- jason is the bomb, really good lecturer
- The lectures were fantastic.
- Lectures were further consolidated in labs
- Clear and concise.
- The explanations were tailored for any audience of any background.
- Kelvin always explained the work to everyone (as a group) in the tuts, and Jason always avoided "death by powerpoint"; his explanations broke the content down further than the presentation to the point that a child could understand them
- Jason is an excellent lecturer.
- Agree
- Jason provided a suitable description of the content whilst running through a large number of examples. However the number of lectures that ended early was actually detrimental, potentially in future the combination of certain topics could lead to a reduction in the number of lectures required during the semester.
- The lecturer explained everything perfectly and made it easy to understand
- Jason is a very good lecturer
- Yes, no doubt
- should present more examples.. not only theory itself
- jason knows the content very well
- he was good at explaining
- Jason explained the content well enough to cover different sorts of examples for different concepts.
- The lectures were clear. The 2 minute breaks allowed me to catch up if I fell behind or if my train of thought derailed.
- Yes, but weeks 4-7 were rushed as mentioned earlier/
- jason explains well. Its confusing at the time but gets better once you try it
- Yes, however a lot of content is covered within tha’ t hour
- I would've strongly agreed, but the only reason I'm not because Jason kept telling us "Weeks 4-7 are the most important. AFTER THAT, IT'S RELATIVELY EASY". After having done post-week7 stuff, I disagree completely. Weeks 4-7 was relatively easy (still important, but easy), the stuff after that is HARDER. So I was deceived.
- The lectures themselves were good and I learned from them but they did not cover enough information to complete all the questions in the labs.
- Repetition and focus of basics
- Lectures were clear and concise, backed up with slides which were of great assistance during labs.
- Yes!
- sometimes too fast a pace
- clear explanation with examples
- yes
- gets a bit repetitive after a while
- At times. Mostly reading of the slides and then using matlab in the background to demonstrate examples.
- Material explained well, but sometimes over explained.
- Very clear and logical
- sometimes Jason should emphasize the key points in the lecture
- Went a bit fast.
- The material was explained well, however additional examples (whether they be directly taught or simply provided on the UOS website) would have been useful in some cases.
- Again Jason was very good and clear with his lecturing and the examples have recently gotten harder which is something I’d complained about before
- sometime too fast
- Yes through excessively repetitive means
- Good analogies were often given.
- Very clear, very repetitive.
- Lectures were spot on and concise
- Jason is doing a wonderful job
- Only tip is that to leave the lights on when giving lecture. Strangely when lights are off I become quite sleepy.
- Lecture is easy to understand and smooth despite having a few problems understanding the complex ones.
- they explain their reasoning for every line of code
- Jason is really clear with his explanations.
- Made good links between easy material and more difficult material
- Jason goes through each lecture into a lot of detail, explaining the reason for why a line of code/ function was used.
- did his work very well
- it was fairly straightforward
- Very clear. Useful examples.
- Clear, structured presentation of material.
- yea he went thru it step by step
- although it was explained well there was a lot assumed and jason speaks really fast
- yes but i did not master the basics so i could not understand it
- Jason clearly explained this
- See question 2
- Stayed on topic, and engaging.
- Dan is great.
- Really clear, but horribly patronising
- great presentation
- The material was very well explained, however it would have been more beneficial in explaining and going through some of the harder questions, which were more likely to be examinable.
- Jason is enthusiastic, motivating and engaging. He breaks up complex problems well.
- Material is explained well although as mentioned in question2, can sometimes be hard to follow
- Material is explained well although as mentioned in question2, can sometimes be hard to follow

Neutral
- Interesting during lectures (which I do attend regularly), however it does involve the student to have great self-motivation to compute the concept later at home (where I forget everything that I have 'learnt' in lecs).

- Good explanations, but slow
- He was predominantly good, but explained too fast sometimes
- The material was clear and well explained. Sometimes went too fast and examples were hard though.
- Jason was pretty understandable, he just goes really fast
- sometimes too quick on the hard material and too slow on the easy material
- Some topics are a bit druggy
- Jason made sure that he was explaining things clearly but often it resulted him going too slowly through a simple concept
- too fast, and too much back an forth in lecture slides..
- Jason Chan went really fast but he made everything clear and succinct. Easy to follow.
- from my personal experience, the lectures weren't very useful, as i learn better from experience.
- they explained it fast
- nope
- The lecture explained the material well but didn't emphasis on understanding each concept after week 5
- not enough examples
- no, I didn't like his method of teaching
- I love ENGG1801

Q10 The tutor/s effectively assisted my learning, and the tutorial/laboratory classes were worthwhile. 384 4.46 0.69

Please explain the reasons for your rating.

- Kelvin is a fantastic tutor, he explains the material and exercises well and when helping you he gives you hints, whilst still allowing you to think and come up with a solution. The labs were worthwhile but sometimes were quite lengthy.
- Jason is awesome!
- The tutorials definitely helped me to understand the material taught in the lectures and also the tutor was very helpful
- dan explained great
- Houda is great! She is very patient and explains well.
- Kelvin Hsu is a very patient and thorough tutor, who sets a good pace for the tutorials and explains concepts very clearly and concisely. The relaxed atmosphere of tutorials have made the two hour sessions very enjoyable and one of the few classes I look forward to during the week. The tutorials have definitely been the most effective learning tool in this course for me.
- Each tutorial developed my understanding of the course content outlined in the previous lecture
- The tutors are always willing to help and the labs keep everyone updated with the content
- The labs are a necessity as I have the opportunity to apply the MatLab codes learnt during the lectures. This course would be much more difficult to learn without the labs.
- Jason Chan provided assistance whenever needed and he would slowly explained the exercises while doing it so that the students would be able to understand.
- The practical learning side to this course is essential.
- I feel labs are essential for this course. It was good to see Kelvin Hsu demonstrate the questions, and I picked up my commenting style from him. Kelvin is a great tutor.
- labs were very helpful to put the lecture knowledge into practice
- See previous questions.
- Very effective, very worthwhile
- Ange is cool. Very helpful
- Definitely.
- my tutor kelvin was very helpful and I have no complaints about his teaching.
- I loved my tutor, Houda always had an enthusiastic approach to teaching our class
- Great tutor!
- Tutorials were where I learned the most.
- Very good.
- tutor explained the content well and rid of most confusions
- The tutor has made every tutorial a worthwhile learning experience.
- Would never miss a lab to ensure I understood all the required material
- Excellent tutor! Helped in all we need! Really good! Great teaching and assisting students!
- Dan knew exactly what he was doing.
- The labs are the most valuable component of this course. The lectures provide a strong background, however the practical experience writing programs is invaluable.
- The tutorials moved at a great pace and Jason was an effective tutor making it worthwhile
- Tutorials pulled everything together
- Angela was very helpful answering all questions. Lab classes questions were good to put into practice what we were being taught, but the harder questions were extremely difficult to relate to the lectures.
- The tutors have an equal amount of understanding of this course and are very knowledgeable.
- We couldn't have done the laboratory exercises without the help of tutors.
- It allowed me to apply what I learnt in the lectures. It also tested my knowledge, so that I learnt from my mistakes.
- Matt is the best
- explains everything in detail and always helpful in answering questions
- Lecturers always are eager to assist and help in any way possible, showing better solutions and alternative ways of approaching tasks.
- The tutorials allowed me to put into practice the ideas and concepts of the lectures, and allowed me a much deeper understanding of the subject than I would have otherwise had.
- Very worthwhile, covered the harder questions that will appear in exams.
- Labs very beneficial for the learning process.
- very helpful, very good tutor
- My tutor was very helpful in labs, explained the concepts we needed to do the lab work well and helped with things I couldn't work through myself.
- I can't speak for everyone but Ken was great.
- The one on one and help as well as their demonstrations were very helpful, often, they demonstrated different ways of tackling the same problem, which helped to further problem solving skills.
- Words cannot explain how amazing Michael is.
- I LOVE YOU JASON CHAN
- Michael is an amazing tutor!
- Again. Kelvin is very good at being a tutor.
- Jesse is great
- As my tutor was my lecturer, he was really helpful as i can ask any questions and be confident that i will get the best answer.
- Dan, my tutor was excellent.
- Yes i would not understand the lecture material well at all without practical lab work to use it in
- Kelvin carefully went through examples and was extremely helpful in assisting with issues and concerns.
- Tutors explained the content using examples which i found to be very helpful and were able to ask any question i asked (JESSIE)
- Yes, Jason was very effective,
- Michael is very responsive and quick to give constructive feedback
- tutors are awesome and helpful.
- I had Jason as my tutor and he was very good at making the content easy to understand for people like myself who have no previous experience in this area.
- They helped give a greater understanding of the content and explained harder questions in depth.
- Dan and Jason were really helpful in explaining how to do the lab questions. The lab questions allowed me to test myself on what I learnt in the lectures, and learn more things that couldn't be explained in the lectures.
- tutors were always available and moving around the room to help out if struggling. they helped in a way that also taught how to do problems, rather than just doing tem
- Houda is a really good tutor! She has a loud, clear voice and explains things slowly and doesn't skip over steps. She is approachable so it's easy to ask questions when I'm not sure.
- A very important aspect in all courses, definitely worthwhile.
- hence the reason why i'm still coming to the last labs
- As above.
- I go errytime and Matt Waugh is very thorough. He deserves a bonus.
- Jason is a great tutor. I've attended Angela's tutes in the beginning and have found that she is rushing through the first "easy and basic" question. She doesn't really explain the questions on a desk to all of the group, so a lot of students have questions; she is going all around the class but one tutor is obviously not enough for all the students in the group. I like Jason's tutorials more because he goes through all the questions, explains it to everyone in the group and even manages to answer individual questions. I think this type of tuts, when tutor explains material to everyone instead of leaving students to do the questions on their own for the whole 2 hours I also attended Will's tutorial once, he is good. Explains tuts questions to everyone, and doing it in a good prof way; gives examples; he was very helpful.
· Houda is a great tutor and has helped me a lot
· without them i would have not been able to do anything
· The classes enable us to find out what we do and don't know, and when we don't know, the tutors are good at explaining better ways of doing things.
· Jason Chan always assisted our learning and helped us to understand mistakes made, allowing us to fix the issues by ourselves.
· I personally learn by doing, therefore I got the most out of the tutorials. The tutor's way of mentoring/ guiding us through the lab exercises allowed me to adopt the problem solving frame of mind which is is essential to this course.
· The tutorials were the perfect way to learn the material, and this was directly supported by the tutor Dan Schnelle who was a great teacher.
· my tutor, Houda is awesome!
· Houda comes around the class to check on individual progress. It is because of this I can detect where my code can be simplified, if there is different or a much better solution.
· Ingrid was a really great tutor and was useful to help me see better and simpler solutions
· Ingrid was a very good tutor.
· Will de Ferranti was a very helpful, friendly tutor
· donna is a very good tutor, patient and explains well angela is even better, very kind, clear, knows what shes doing, makes you feel free to ask questions, very cute as well
· I knew nothing about coding when I started, and now I am sitting in the top 20 students. I know that this would have been impossible without the tutorials.
· The most useful classes in the course
· jessie is da bomb
· Yes, Michael was a very good tutor, and was very helpful in answering all my questions.
· Tutorials are where most of my doubts are put to rest. Please give Kelvin a salary raise.
· gives a chance to experiment with new knowledge
· My tutor was very friendly, engaging, and helped my growth in this unit of study.
· My tutor was very helpful and very knowledgeable of the content of this course. I believe this has assisted my learning in the course
· My tutor was very helpful and very knowledgeable of the content of this course. I believe this has assisted my learning in the course

Agree
The tutors provided a suitable description of the required task, albeit the pace of the tutorials was often very slow not that a solution to such a problem exists due to the different skill levels of students within the course.

The tutor was the same person as my lecturer and was thus helpful in explaining how everything worked.

Yes, Jen Jen does not give the answers but helps show what I’m doing wrong.

Yes, 2 hours went slow but worth it.

Subject would be impossible without labs. However, my tutor Jason was not very accommodating of beginners.

They were good at working through the solution/correcting any errors that I made.

My tutor helped me with the lab questions if I was stuck.

The tutor was helpful, although he was quite fast sometimes and I did get left behind on occasion.

The tutors proved good feedback and their worked examples show us other methods to approach the same problem.

The tutorial questions are too long for 2 hours. In most of them, we didn’t complete the tutorial. But can’t blame the tutor; he did his best and he had to make sure everyone understands the material.

Labs were worthwhile because they applied the theory in class and helped us learn the basics.

Labs helped consolidate lecture material and tutor worked through examples at a good pace, enabling students to move ahead if they were able.

The lecture slides needed to show the comments as sample solution style rather than condensed because this created confusion for me in Lab Exam 2 about effective comments and coding style.

Labs were really useful.

Tutors were experienced and ready to help at every point.

Very helpful tutors.

The tutor gave clear and concise instructions on how to approach questions step by step.

Labs provided a more detailed learning experience than lectures alone.

Although sometimes boring, and Jason did not seem willing to answer questions mid-tutorial, particularly when students were ahead with the questions.

Consolidated what was learned in the lectures.

Jessie is nice, but could be slower in explaining things.

Yes, they were good.

These tutes assisted me in knowing how to apply the theory I have learned.

Yes.

Yeah, Jason was extremely helpful.

The laboratory was great for learning. The only thing to add is that the tutorial sometimes happened in a really fast pace, and often I would feel like catching up with the tutor coding, other than just doing mine and checking.

Always open to answering questions but sometimes rushed for time to get through the entire lab which left the harder questions at the end of the lab unanswered.

My tutor Ingrid was really helpful and good.

Tutorials were pretty useful, as they provided an opportunity to see the best solutions for the lab problems. My tutor Jessie was also very helpful, giving explanations, and answering questions when needed.

Provided insightful knowledge on how to code and approach problems.

My tutor, Jason Chan, went through everything thoroughly and was always willing to help if you had questions about the material.

Tutorials make me understand the use of the code further and helps me understand what is expected of you to do in MATLAB.

Jason explains really well like how to think logically from one line of the code to another. It makes me want to record the lab tutorials as well.

Tough questions were explained well.

Jason is detailed in each lab class, and explains simply what the question is looking for as well as breaking down the question so that it can be answered in a more logical manner.

He did good job.

The tutors were very helpful and explained everything thoroughly, offering help when it was needed.

Labs are pretty good. Teacher asks us to attempt first and then follow him which is great.

Very helpful.

The lab exercises were very helpful, but I wish there was a larger selection of questions to do in my own time. I felt like I needed to do more questions to drill in the material I learnt in the lecture. I don’t mean just more of the hard questions, but also more of the easy and intermediate questions.

Quite.

Jason clearly explained this.

The labs reinforce what we have learnt and Ingrid is always helpful.

2 hours a week is a good time, able to learn material well if done effectively.

Labs were very useful. Kelvin is a very good tutor, except for going too fast at times, as mentioned above.
The tutor did help out effectively but when going through the questions is was quite rushed, often the tutorials are only useful for the first couple of questions as that’s only where I can get up to without half understanding the later ones.

They were predominantly good, but sometimes too brief

Tutorials go rather fast and questions are harder than those examples shown in lectures but needed in order to do ok in the course.

Sometimes the tutor was a bit confused, which made the confusion larger

The labs were definitely useful but I found asking only one or two questions all semester simply because it was more beneficial in my learning to spend some time figuring out where I went wrong on my own.

Kinda

Michael wasn’t too good, but maybe it was due to him being a first-year tutor.

Maybe a bit more help and sample demonstration should be used

No comment

The labs should go through each question and help the slowest and average people become faster. Plus they didn’t work slow enough on the screen so I could copy everything.

Some tutors were slightly fast-paced

Michael wasn’t too good. But maybe it was due to him being a first-year tutor.

Maybe a bit more help and sample demonstration should be used

No comment

The labs should go through each question and help the slowest and average people become faster. Plus they didn’t work slow enough on the screen so I could copy everything.

Some tutors were slightly fast-paced

I love ENGG1801

The tutor has been great at assisting people in the tutorial. However, priority is given to overall majority of students who are following the examples on the projector, which leaves little time for assistance.

My original tutor explains poorly even after I asked him several times, so I go to the other tutorial and the tutor there explains more clearly than my previous tutor.

Q11 My learning in this unit of study was supported by the infrastructure (e.g., eLearning, labs, computers, lecture theatres, tutorial rooms). 390 4.18 0.75

Please explain the reasons for your rating.
- Computer lab room is super comfortable, especially during the summer period!
- It is very useful for us to learn
- All computers in labs worked well
- Not much to complain about here.
- Yes
- It was good.
- Infrastructure was perfect
- Everything was always working well
- Great infrastructure.
- All required infrastructure was provided
- Many rooms are free, and have Matlab available.
- The computer lab rooms in the students of IT building made for a great learning space, due to the new and working infrastructure
- There were lecture rooms, tutorial rooms and computers
- The infrastructure is of a high quality.
- Yes.
- All good
- Program was required was readily available at uni
- Everything that was needed was available
- I LOVE YOU JASON CHAN
- It was very good to have labs open for 12 hours a day, especially for the assignment.
- Yes all of my needs have been provided for
- Yes, I no longer have a squeaky chair.
- SIT labs are very helpful.
- Computers great. Everything works fine.
- All computers i found around the uni had matlab on them and could be used
- The lectures were great and helpful, but the labs were the most important for me in consolidating what I learnt in lectures
- The lecture theatres, lab rooms and computers were all above the set standards and served well to aid my learning.
- Very good facilities
- Need to provide MATLAB to all students through University rather than separate purchase. The lecturer did not know about the Citrix Virtual Desktop client that can be accessed from home for using MATLAB from Uni computers.
- Labs were always available for extra work and for study of the material.
- It was good environments to work in
- Adequate.
- Very good infrastructure, IT labs are a good place to work, lectures recorded, solutions and lectures all posted on time
- Used a computer lab - fairly self explanatory.
- Since it's computing, computers proved to be very useful. Lecture theatre was also well-equipped.
- Labs are always available for use as well as being able to attend the same lecture twice if needed
- Labs are always available for use as well as being able to attend the same lecture twice if needed
- No problems were encountered by the facilities during the course.
- There was enough resources to do well in this course
- All the resources are sufficient. I bought a copy of matlab on my computer and I found that I used that all the time.
- In general everything was good, few minor problems like accessing the u drive
- They were all good
- The computers were good and the labs had a good size. Needs better chairs in madsen
- The screen in the lecture room is large enough for everyone to see what is being taught. Sometimes, the U drive does not work properly.
- All of the infrastructure was working, except the IT computers lacked the Cinepak codec.
- Most of the infrastructure was well set up, however things like U: drives, logging onto the computers, and sometimes the microphones in the lecture did not always work.
- The computers and course website are well managed and easy to use
- Computers all worked fine, U: drive was often unavailable but I used a USB anyway to then finish the labs on my laptop later
- Students need to be told about the Virtual desktop system which allows us to access Matlab on any computer. I, personally, was unaware until the later weeks.
- The U:/ Drive issue was inconvenient, especially if I forgot my USB, and couldn't access my U:/ drive....if it weren't for that, would've selected Strongly Agree.

http://sydney.edu.au/itl/feedback/reports/
- Computers sometimes failed to connect to network but apart from that, everything else was fine.
- Computers performed well and there were no issues in accessing the U:\ drive during the course.
- sure
- Computers worked fine etc.
- The infrastructure is almost perfect for our learning conditions.
- MADSEN LG31 PROJECTOR IS HORRIBLE!!
- Good functioning computers
- The lab infrastructure has had small issues at times, such as hard drive failure and network failure.
- yes
- Tutorials help further understanding of topics learnt in the lectures
- FREE MATLAB WOULD BE NICE :)
- Infrastructure is sufficient for the requirements of labs and lectures
- Needed computers to do programming
- There was always a great silence during each tutorial, which helped me concentrate on my work.
- Good labs.
- Everything required for the labs has been in easy access. However, the avi function for MatLab was not working for a period of time.
- Everything was good but I would be better if we could access the lectures and lab exercises on blackboard so that we don't have to jump from site to site.
- Besides once not being able to access my U: drive at the start of semester the facilities haven't actively helped but have supported my learning
- no technical problems occured
- The labs and lecture theatres are comfortable environments to do computer work and learn.
- Except when the U drive doesn't want to party...
- No comment.
- I never had any issues with the required programs and they were always available within the stated labs
- Some computers around the uni do not have Matlab installed on them.
- The computer labs were well set up, even though I did a lot of the work on my own computer.
- Adequate allocation of infrastructure was input into the course
- It would be much easier if library computers had MATLAB installed onto them or at least the PNR computers seeing as it is a engineering library.
- the availability of computers with matlab was satisfactory, although the times they are available could be increased ( i don't know how, this is probably an unreasonable request)
- Except the chairs in some of the labs are annoying, some are broken.
- Computers ran quick enough (most of the time)
- Learning in engg1801 is greatly assisted by the use of computers.
- It would be better if we can have labs on the weekend so that the students can practice Matlab in the weekend as well. It would also be helpful if there is video recording for every lecture.
- The computer labs were well set up, even though I did a lot of the work on my own computer.
- most things were good except the movie maker thing for matlab and depending on what computer you on you may be able to save your work on the network or it may be unavailable...
- lecture hall is great and labs have better computers then i do at home. but the first lab we had to use a lab not designated to us which was a bit out of the ordinary, the systems should have been updated before we had the lab.
- All infrastructure is fine. Although it would be good if all computers had the U-drive in the labs.
- It would be awesome if all computers in the university had access to Matlab not just specific computer labs.
- it did
- nice to have ac in rooms
- The website had everything we need but the labs in IT room that were said that we can use had a quite 'full' timetable throughout the week unless very late in the afternoon, but good that we could use matlab on every virtual desktop computer just by searching it in the green citrix command window. However, I would have been grateful if we were told earlier, cause I had thought it was only the IT rooms & link buildings & marsden that had matlab and it was difficult for me to get hold of a computer during my breaks.
- It would be great to have video as well. Sometimes the recording mic cuts out for a few seconds.
- The labs are very good.
- It was great when I could find computers with matlab, but when I couldn't it made it very difficult to work on it.
- yes the windows provided a wonderful and relaxing atmosphere
- The masden labs have matlab, I've had limited success with other labs (some are school of IT only, for example).
- Jason clearly explained this
- Obviously supported by computers
- Nice accomodation.
Most of the time there is no drama. It's just that only certain areas have the software to create an .avi (for our assignment). Other than that, it's all good

- all equipment was functioning
- Some of the projectors are quite weak in some of the labs, so its hard to watch tutor's demonstrations.
- Everything positive, however would have liked video recordings of the lectures, not just the audio. I recognize that both audio and lecture slides are provided, however it is easier to follow along with the combined video. There are also some things not shown in the audio slide such as examples in Matlab.

Sometimes it was difficult to log in to my drive because it wasn't available
- logging into more than just the labs in the it labs and madsen-but all of the computers across campus would be an improvement however
- The labs with MATLAB are pretty few almost with some tutorials going on
- The projector was a bit small...
- I do all my computing work on my laptop when I'm not in a tutorial. It was never really clear to me where I could access computers that had all the right software.
- yeah, with limited time..meh
- Lecture rooms need more legroom.
- Lack of Matlab in fisher library made group work hard, as many labs were full during the day, and fisher is the only library with ample group learning spaces
- Lack of access to matlab made learning very difficult
- Computers sometimes don't work and the chairs aren't very good.
- Our project was made difficult by the limited availability of MATLAB computers at uni
- no free matlab to use at home

Matlab should be on every computer!
- It was pretty difficult for me to practice matlab in my own time at uni. I travel 90 mins each way to come here, and to work around my schedule in order to practice matlab meant I would most likely have to stay beyond 5, meaning I would get home after 8pm at the earliest, or arrive early which could mean leaving at 6am. Not cool. I really needed to buy Matlab. I perhaps realised this a bit too late.
- the computer network sometimes had problems, the student drive were not always retrievable on computers
- not all labs have matlab and the citric receiver does not work very well.
- some chairs are faulty
- Only specific computers in specific labs are available with the U drive and Matlab. Legroom in lecture theaters is atrocious.
- Don't have matlab at home, thus made it really depressing to understand and practice stuff.

I love ENGG1801
- some computer labs need ventilation and air condition.
- I already have Matlab on my laptop, but facilities still excellent and enough to support even people who may not have matlab installed on personal gadgets.
- Matlab provided on computers in labs was good, lecture theatre is nice. Upgrading on 'my marks' on eLearning would nice to have have marks from quizzes, attendance and project stored there for ease.

Q12 Overall I was satisfied with the quality of this unit of study

<table>
<thead>
<tr>
<th>Rating</th>
<th>% Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strongly Agree</td>
<td>85%</td>
</tr>
<tr>
<td>Agree</td>
<td>11%</td>
</tr>
<tr>
<td>Neutral</td>
<td>3%</td>
</tr>
</tbody>
</table>

(a) What are the best aspects of this unit of study? Please explain why.

- Provided enjoyable context which allowed for the development of important programming skills throughout the length of the course. Moreover, the course provided a refreshing break from the majority of other subjects which were more theoretical rather then the practical nature of ENGG1801.
- The best aspect of this unit of study was the way the course was structured so that students with no computing experience could achieve highly in the course
- Jason explains everything with great clarify and simple vocab, so the instructions are very clear. Also after attending a whole semester's computing lecture, I grow to love programming and matlabbing....
- Great introduction to programming.
- change the way I think about something at which this subject urge me to think about something more critically
- The lecture notes were the best, explained everything clearly
- Lots of interesting content, gave me a chance to learn something completely new. Also the assignment gave me a chance to demonstrate my knowledge.
- This course was extremely relevant to me and help me to grow in my competence in using Matlab
- This is probably the most well-structured subject I've taken since starting uni (second-year now). It probably helps that
MATLAB is so interesting and it is just really exciting when something works out. Jason is a fantastic lecturer who aims to make things understandable for students, as well as sharing study tips and instilling confidence in students who were initially afraid (?) of programming. Kelvin, thanks dude, you are cool and have a sense of humour on top of being good at demonstrating and helping us in labs.

- it was clear the lecturer and the tutor were very helpful and its quite fun and engaging especially the matlab. the excel was useful but quite boring

- The lecturer was very organised and the tutors are all extremely proficient with the content. It is also taught in an interesting and effective manner, making it enjoyable.

- Extremely satisfied, my favourite course this semester.
- Jason's organized lecture notes and exercises and explain the exercise step by step in lab
- IT is the best unit of study I did. It made me want to join an IT course instead of Engineering (engineering faculty is BAD)
- Jason Chan because he’s awesome
- The lectures were very engaging and it was very hard to lose concentration, allowing for knowledge to be taken in easily.
- This unit pushed my boundaries
- both lecture slides and lab solutions are very clear and easy to be understood
- Great course
- Wonderful course. Favorite subject in yr1 sem1.
- labs were very helpful in practicing
- The best aspects of this unit of study were that I was able to learn to program without any prior experience, and more importantly to think in a different way that challenged me and will make me a better graduate.
- Really enjoyed it! Well explained and examined
- The people involved in this unit of study have made this course very enjoyable, something that is very important for any UOS.
- - Great teaching - Problem solving of lab work - Fun project with team work
- Tutorials were the best aspect of the course. I was able to understand more in my tutes as compared to the lectures because of it's practical exercises.
- Taught everything very well, with excellent staff.
- the project was fun and interesting
- The practical component, i.e the labs.
- Lectures, tutors explained things well. Helping students find partners for the project was very helpful.
- lectures- well presented, clear and thorough.
- Jason and Manaal.
- It was just a fun subject overall. The final project in particular was/is quite enjoyable because it is a real life situation
- the tutor and the lectures explained things very clearly, the assessments were relevant
- Everything is perfect!!
- the project was fun as it required us to think about how to approach a problem rather than just writing the question in matlab syntax
- Tutors are good, catered to a wide range of abilities quite well.
- It was something different, not coming form a programming background. However I defiantly enjoyed the course and learnt a lot from it
- Most of it is easy to understand. It was all very interesting and I enjoyed a lot learning what I can do with programming. It is a very unique unit of study, very different to any of my other units of study.
- Having a hands on experience with computer programming has been interesting and different - which has definitely grown my interest in programming and questioning how software works.
- This was by far the best organised unit of study I took this semester. Regular updates and a good introduction make it very clear to know where the course was headed and what was expected of us. Learning isn't difficult when the content and outcomes are made clear so this was a very enjoyable and relaxing unit of study.
- The satisfaction in making a program do something unique which the individual wants it to do.
- lecturer and tutor
- Progressed at a rate that challenged me but not to the point where I lost confidence. I'd never done any coding before and, while I'm not amazing at it now, I definitely have a stronger grasp on the logic required to write code. It's a solid basis for me for the future. ALSO. I've got to reiterate how great the tutorials were. I think my tutor's name is Jessie. Yeah. She's awesome.
- The best aspects were the great tutoring and the great examples that helped me to see the relevance of the unit of study to my course
- Interesting and useful for other subjects.
- One of the coolest units that I have done at the University of Sydney.
- Clear and structured format with practice exercises closely following lecture material
- The lecturer and organisation of the course was excellent. Jason is the best lecturer I’ve had so far.
- Lectures
- I LOVE YOU JASON CHAN
Great unit of study. I really enjoyed this course! Its almost like I want to do coding now...

The interactivity that the lecturer has with us students, and also that Jason shares relevant stories with us so that we can relate. The lectures are up very fast.

The best parts were the lectures as well as the lecturer because he explains the material very clearly

The lectures were at a pace that was quite manageable for us to understand and new concepts such as loops were introduced slowly and skills involving these were built on during the labs.

I feel like I'm learning things and retaining the information.

Jason makes the course content and what is expected of us crystal clear. He also gives good advice on what is needed to do well. There is no excuse not to love this course.

have a useful tool under your belt

the tutorial exercises are very good in that they allow you to solidify the material learned in the lectures each week.

the lecturing was very good and tutorials are engaging and interesting, providing needed feedback

It was very clear what we were expected to do from the lectures

The assessment, which allows you to tackle a large problem and solve it in a way that you see fit, whilst using what you learnt throughout the course.

Jason's can-do attitude and smart dress sense.

Students who "mastered the basics" are very likely to get full marks for both lab exams, that means they are guaranteed to get at least 85% for both lab exams.

Matlab is very interesting, and now I am able to use it in others units.

The interactive and practical tutorials were great ways to apply things learnt in lectures

communicating with students

The best aspect of this unit was the level of knowledge I gained regarding programming and using matlab. It helped me to understand computer languages and the interpretation of them. Jason Chan is also a boss

It was really challenging for me, but despite having no previous programming experience, Jason's positive attitude made me believe that I can do it!

Challenging lab questions.

lab q's

Very enjoyable lab activities, enjoyable project choices, very enjoyable the extension exercises

running the code we write and the code works, feels satisfied and fun!

good infrastructure, tutors are very good, good clear lectures and lecturer

It is very interesting, and it is a good gateway for those of us who were previously without coding experience.

Best aspects are probably how applicable and useful programming will be to my degree.

The project is fun and encourage self-learning and correction of previous errors while promoting improvement of coding style

the clear and wholesome method of teaching the course, the lecture delivery and the relevant tutorials to the course

Very clear and concise teaching. Fun and engaging.

Loved the labs and the wide range of useful abilities they taught Lectures were very detailed and helpful

- Sample Solutions - Good tutor - Well explained lectures - The course material towards the end was much more interesting.

The labs were very practical and I learnt a lot from doing all the questions

The lecturer explained things concisely

Small tutorial groups meant tutors can help everyone. Lectures were clear and straight to the point of what we needed to know

It is a very interesting course

All the teaching was done well and they helped facilitate self learning as well

Online resources that are easy to access

Angie

The tutorials were very useful

The project is interesting and challenging, gives us a practical opportunity to employ the skills we are taught

structure, enthusiasm, labs

the course was challenging but fair and it has taught me skills that i will need

The labs are the best part as this is where you put what you have learnt to practise

its interesting

Jason and the tutors were motivating and good teachers. They made ENGG1801 enjoyable

The content of the lectures is explained well and different examples are covered.

I like the idea of knowing how to do some coding, and it is handy to be able to essentially create my own programs to solve problems for me.

tutorial helpful

this was a very enjoyable unit of study which wasn't too hard but still challenging enough to be enjoyable

new and interesting, lectures were clear and all content was easily accessible
Yeah it was a good experience

- Having a best lecturer and a tutor. Jason is an excellent lecturer and a tutor. He explains in a way such that everyone understands the course material. His lecture slides are excellent. Anyone with basic computing skills can understand the lectures. As long as we are in his all lectures and tutes, we’ll be fine. (I wasn’t there in some of the lectures, that was a mistake).
- The lectures and tutorials were well explained and easy to follow.
- How to program with matrices
- Very hands on approach which is extremely useful, though this does make having a handwritten final seem redundant.
- Interesting course
- The unit was enjoyable and at times challenging, allowing me to extend myself where I was able while also giving support when I needed it. Lectures were well structured and of great assistance to the labs, which themselves were well run and enabled application and consolidation of the skills learned.
- Best aspects are learning interesting new concepts that Matlab can do.
- Lectures were clear and easy to understand.
- The teaching style
- The explanation of the lectures and material.
- The best aspect of this study was the clear direction that was constantly given. It was always easy to know what to do and more often than not how to do it.
- I can use Matlab well now I am so happy about that
- I like programming and solving problems.
- Teaching
- Learned to use utility tools to support studies in other courses
- The content is clearly applicable to further study, and has many varied applications.
- My favorite part was the labs because they had some interesting questions and were also interactive
- (a) Learn the basic programming skills, something new to learn.
- The lectures are clear and concise and Jason does a great job in explaining the topic. The labs are extremely useful in trying out the new skills that have been learnt
- a) Tutors where good.
- The ‘creativity’ of it.
- It was fun and challenging
- The tutorials with sample answers are probably the best part of this unit of study
- Materials are explained in full detail. Lecturer and tutor are willing to help. GREAT
- It was hard but it was good. I learnt things that were useful
- The best aspects were the labs, where I was able to learn quicker due to having a tutor to talk to and seeing my code run well because of it.
- Don’t actually have to go to lectures to pass
- The computer labs
- The tutorial exercises were relevant and useful. :)
- The detailed lecture slides, which were a huge help during tutorials
- Relevant to my studies and I enjoyed the programming
- Content was sound and relevant. Simple and easy to grasp
- The labs were very good for consolidating the lessons.
- The fun things that can be done with Matlab and the things that you learn about programming in general, that can apply with other programming languages.
- Unlike most other subjects, the lecture slides are available without having to download the entire recorded lecture, this is much more convenient and organised. All the lecture content is present on the lecture slides, none has been written on a board and recorded nowhere else, this gives a fairer go to everyone in the course.
- The material was useful and put forward throughout the semester as a perfect approach to learning in blocks.
- The best part of the study is learning something that I have not been exposed to before and thus is very interesting
- I’m satisfied with the way of teaching of the unit of study even though I’m struggling with it very seriously.
- The lectures were clear and easy to understand. The labs allowed us to use the knowledge and skills gained from the lecture, thus allowing me to gain a greater understanding of the course. It was challenging but also enjoyable.
- The lecture slides are clear and easy to understand
- A simple basic introduction, thorough.
- Lecturing and tutorials.
- The tutors are friendly and are happy to answer any questions
- Getting an understanding of a growing industry that is very relevant to engineering.
- The weekly hands on tutorials
- This subject was well taught by both the lecturer and the tutors. The lab exercises were set at an appropriate level that allowed one to understand the concept and also challenging.
- the labs, this is where we are able to 'solidify' what we learnt during the lectures
- The best aspects of this unit are the clear lecture notes, and the sample solutions for the tutorial questions being posted. The entire subject is very organized and clear.
- the practical aspects in terms of actually applying the theory we have learned to exercises in the labs
- Answering hard questions correctly
- ENGG1801, is an interesting and fun subject, that provides insight into applications of programming to the real world.
- very comprehensive
- It's aight.
- think so.
- The hands on nature of this subject, and the numbers of skills learned in the short amount of time made this subject fun and important for my course as well.
- Tutorials, as they directly apply everything we learn in the lectures, so we can understand how and why we use certain coding techniques for different questions
  - i really did enjoy learning something that had had truly no idea about
  - this unit was my favorite out of the five i'm doing this semester
  - Very good and very clear on what had to be learned.
  - Tutorials are the most effective way to learn how to use matlab.
  - I think the best aspects are doing the tutorials and having to reinforce what was explained in the lectures, by practically performing the same exercises in the tutes. It is difficult to try and come up with your own method of solving the lab questions, but having a basic skeleton to follow, helped me understand how and why certain programs were arranged in certain ways.
  - Required me to apply my knowledge rather than just reproduce it
  - tutors were very helpful
  - The lecturer and the tutor
  - Labs - really cement your knowledge as you have to understand what you learnt that week to be able to do the lab work
  - The structure was great.
  - The lecture is the best! And also the project, although it is tough, but it will push me to review what I've learned, and it is fun.
  - The unit is very interesting and I was introduced to many new ways of thinking, as well as valuable computing skills and knowledge
  - Learning to use computer coding at an entry level. Relaxed tutorial environment.
  - The lab exercises were an effective way of familiarising myself with the required content.
  - the best aspect of this degree was most definitely jason's motivational speeches. so much so that there should be another course created called MOTIV1801 with the sole purpose of motivating students with quirky stories. this would definitely accelerate the motivation and self esteem levels of all students enrolled in the course
  - Jason clearly explained this
  - Learning something new
  - Practical examples.
  - The lab questions are cool. Lots of interesting stuff to do.
  - practical applications of knowledge
  - This subject is good for students with a basic understanding of using computers. It was interesting, yet challenging.
  - Developing problem solving skills and being able to think logically
  - The labs are excellent, and enjoyable.
  - I enjoy the labs where I can take what has been taught in the lecture and try to apply it to problems myself
  - I enjoy the labs where I can take what has been taught in the lecture and try to apply it to problems myself
- tutor explain in detail

(b) What aspects of this unit of study need improvement? Please explain why.

- Perhaps a slight restructuring of the lectures in order to limit the number of lectures ending early, perhaps more difficult questions in the labs. Otherwise, no improvements are deemed necessary.
- Maybe Jason should change his clothing style sometimes, :)
- The beginning of the course was very slow and the content was easy. When it started getting difficult, it looked like we needed to rush and it was harder to understand. But as Jason says, we should master the basics!
- The carpet is still not to my liking
- Instead of finishing lectures early, maybe spend more time explaining things.
- not much, a really good course
- To be honest, not much.
- shorter lab
- Nothing. It's perfect
- more time. 13 weeks not enough.
- The lecturer should not deceive us. weeks 4-7 was not the only hard part....after it was also very hard.
- Sample exam questions and exam feedback that we can actually keep and then modify our mistakes with will enhance learning
· The unit of study is very well run and at first I wasn't sure whether I would like it, but now it is probably my favourite subject.

· All the computers of the campus should have MATLAB.

· n/a

· Practice papers available just for fun.

· More questions to practice skills (extra work)

· The order of the lectures could be improved. The matrix lecture recently could be done first

· none

· access to test solutions after lab exams, and perhaps past papers

· I think that nest loops and looping through matrices is a huge part of this course. I think Jason and the tutors should put a bit of emphasis on it and perhaps go through an example such as the one in q4. Lab exam 2. If Jason had revised how to properly loop through a matrix before the lab exam I would have got 40/40 in the lab exam 2.:(

· Free matlab, rotation of tutors perhaps to give variety, more harder questions, especially in the later weeks of the course near the exam

· More computer to practice Matlab. And I want more practice exam and material for the final exam.

· Maybe some different tutorials for 2nd year students who are doing the course. There's stuff that's already been covered in other subjects. Less motivational stories from Jason

· The course was pretty well structured, improvements may be going through harder questions or providing harder questions, and also be a bit more specific in questions (Project), but all in all I was very satisfied.

· There is little to improve in this unit of study, however, more questions that can be attempted at home could help students who have higher interests, develop their skills. A summary of notes at the end of each lecture, or even a contents page, would also be useful, rather than having to go through entire slides of finding information.

· The lectures could get a bit dull, I would have preferred to see some live coding by Jason but that's a minor issue. Free matlab would have been great but again there's always other avenues to get access to it.

· N/A

· everything is good

· It would be good if there were extra examples at an 'average student' level that I could have worked through in my own time. Currently the extra questions are at an advanced level, which is great if you want a challenge, but what I often needed was to do a similar task in a new way just to make sure I knew what I was doing.

· The worst aspect was early the examples were to easy however recently I've been noticing a trend of harder examples in the lectures

· Free matlab.

· Jason's motivational speeches became tedious but then he stopped making them so that was good. Would be good time allocated to topics based on their difficult. eg movies was hard but the same amount of time spent on it was spent on matrix algebra (which we covered in MATH1002 and so it was easy).

· The project has proved to be really hard to do in pairs. I would have preferred an individual project.

· No comment.

· I found the project ridiculously hard and I feel like the lecturer could have helped us more. but otherwise I still like Jason Chen.

· I LOVE YOU JASON CHAN

· Nothing.

· Textbook or course notes would be useful

· There is a need for video lecture recordings since using solely the audio recordings combined with the lecture slides, at times it is difficult to determine where Jason is at. Matlab was quite difficult initially, until a copy of it was obtained. Therefore it is fairly important for all students to have a better access to Matlab.

· I'm not sure really.

· I have nothing to complain about.

· n/a

· whilst Jason is a very good lecturer, i found the lectures quite dry and was therefore not motivated to attend.

· none apart from more room for extension in tests and assigments

· Nothing to improve!

· Time management within labs. I find it imperative that the final questions of the labs are covered in greater detail.

· There was no feedback given for comments and coding style for lab exam 2, it would be great if there is, so that students would know where to watch out next time.

· I think the success in the coarse is really depends on which tutorial group you are in, thus try to make all tutors like Jason or at least same way of tutoring

· Some of the content was a little boring (such as learning specific functions) but it was tolerable

· more memorise

· There was not really anything I can think of that could be improved by this course. Possibly having access to sample exams for the final exam slightly earlier, but otherwise it was all very good.

· More challenging lab questions. Harder lab questions.

· all g

· More elaborate feedback from assessments on mark deductions on coding style
- Being told earlier where we can use matlab other than the IT rooms, link rooms which is any virtual desktop computer.
- assessment feedback could be more clear, but tutor went through lab exams anyway
- 
- It may be useful to have more than one tutor per lab, because there were times when some people fell behind but the tutor didn't have time to help them catch up, however I can imagine it would be easy for them to attend another lab.
- Nothing that I haven't already said in previous questions
- a bit more exercise time. even if tutorials can't be extended, sample exercises can be given to be done by students themselves. increase in course syllabus maybe, because i feel we can learn more things about matlab in the given time
- More complicated examples to help with the exams and assignment.
- perfect subject
- Agree
- List of learning outcomes - Harder examples in lectures which are on the same level of difficulty as lab exams -
- Nothing
- More individual feedback for assessments. Tutors need to go slower as often the problem is quickly explained and there is plenty of time left over forcing me to keep going back to previous code and asking them for help.
- Go through content more slowly, it's a new language essentially for most of us!
- Jason
- The project was ridiculously hard and nothing like the lab problems.
- lecture videos, extra practice questions
- not sure if this falls under your scope but it would be better if you could have access to all of your matlab files on every computer - the ones in fisher often cant find ones i made in madsen
- Video recording of the lecture
- Better lab seats
- The U drive problem should be fixed for the computers in the labs.
- Making matlab free would be nice, then 'erry body would have it, but I realise that matlab is not owned by Usyd.
- show more detail of what we learn in lecture and some pre- work by ourselves to learn
- possibly have an advanced lecture and a basic lecture, if i then understand the content in the advanced lecture i won't get bored from a labourious description but if anything is unclear a basic lecture will better explain the principle
- Probably reduce the class size, there is less interaction between the lecturer and the students.
- The tutorial I was in was before the second lecture for the week and some material that was in tutorial we hadn't had a lecture on.
- the way the content is covered
- Starting with Matlab and leaving excel for the last three weeks would have been better.
- n/a
- Lectures were very well done, and given the variety of students and abilities in the labs, they were also run to the best of the ability of a single tutor. Perhaps student licensing of MATLAB would be of assistance, particularly with the project, as the engineering department uses with SolidWorks.
- More one on one help from tutors.
- It should be separate the matlab exam into 2 part as 10% each, because matlab is much harder than the Excel, that give student opportunity to improve their study before final exam. Otherwise, for example, if i get really bad mark in lab2 exam(which is matlab exam). that's no point i can show me i am try to study hard and change my situation. Therefore, even though already improving my matlab study like from 40% up to 70%, this is big improving for me. But may still face to the fail.
- Tutors need to engage with the students more about the topic instead of waiting for students to individually ask them questions on the lab exercises.
- free software
- facilities
- The pace of the lectures and tutorials needs improvement.
- Nothing in particular
- It is difficult to finish the lab questions within the time given. The tests increase in difficulty if your lab is later in the week. I don't know if this is the best way to go about testing students. I think that the questions should be slightly different, but at the same difficulty.
- b) Lectures were a bit too fast
- Linking the final project more to the labs/lectures.
- Needs harder examples in the lecture
- The lack of some kinds of examples and methods to find them occasionally created issues for me.
- Even though the everything are set for beginners, it is hard for someone who have no idea about computing to suddenly become a master of that in such short period of time.
- None
- The assessments
- Terms on the slides could be better defined and Functions could be better explained.
- Lecture slides were fairly simple to understand, however, questions required much more thinking, which is a good thing, however, lecture slides need to have more examples of the harder style questions.
Variety of questions in the lab exam
Some more challenging lab questions would be nice
better chairs
None
The size of the course means that anyone that falls behind is treated as collateral and ignored to some degree
More individual feedback
More detail on what is in MATLAB and what is not.

The efficient of the tutorial, I mean, need more time to practise
The classes might benefit from segmentation into advanced and basic classes (tutorials). Labs where the students actually face the main display instead of a blank wall and need to turn to see what the tutor is doing. Something that would be interesting and actually very possible would be the implementation of a virtual tutoring class. Jason could have a video tutorial of how he solved the tutorial questions. I do understand that this idea has negative aspects such as lazy students not attending tutorials, but you could free up space for students that actually want to attend.

Free access to matlab, as many of the computer labs are occupied all the time so it makes it very difficult
Jason needs to change up his tie a bit more.
the projector in the in the madsen building free matlab
It would be good to have more worked examples that are more similar to the tutorial questions.
probably the project could have been given a little more time, maybe an extra week, considering that at the end of semester, all other subjects decide to put their assessments due at the same time
More time to do assignment
There is a lot to learn during each lecture and it is sometimes difficult to remember all new concepts.
still hard to do because, especially with the assignment, I feel that the right way to go about answering a question is still quite vague and it is easy to program the wrong way without some additional guidance
Sometimes we do things in lab that are not found in the lecture. How are we supposed to know what to do?
may be more clear questions for tutorials.
i don't know, sat here thinking for three and i couldn't think of anything. it's a pretty great unit.

No major improvements are needed, course is already excellent. Giving a copy of Matlab to students taking the course would be good, if not entirely feasible. Perhaps at some point yearly subscriptions to Matlab could be negotiated with MathWorks to make it cheaper for students doing these courses to practice at home for the duration of the course.

Perhaps more practice questions (or sample exams) that aren't already tutorial questions for practice for quizzes/exams.

All of the tutors have different commenting styles, which is understandable but some of them put short comments which seems efficient for exam purposes and others have longer more explanatory comments which seem more mark worthy. We have been told to copy the tutors exactly and its a bit difficult to do this with different styles. I generally try to follow my tutors style, but it seems that we are supposed to follow Jason's style as depicted in the lecture slides.

MATLAB on every computer on the campus because there are around just 100 computers with MATLAB in the link, madsen, IT building etc whereas there are more than 1000 students doing ENGG1801... that is a large gap
Putting past lab exam papers and more past papers on the websites
More lab questions to do in my own time.
Too difficult...
Some tutorials I attended were difficult to follow
-
there needs to be more motivational stories. also please go a little slower
Some aspects are a bit difficult to grasp
No complaints
Some infrastructure in the lab rooms.
pace of the subject should be slowed if possible, mainly some tutors going through the codes
Individual feedback, since you don't know what specifically applied to you when general feedback is given. Slower pace during some tutorials, otherwise you can get left behind.
I believe possibly the way the material in a lecture is taught. It is explained well but hard to follow. Maybe if Jason actually wrote out the code as he explained it rather than using slides may make it easier to understand. Also, my account has never had a U drive to save files onto
I believe possibly the way the material in a lecture is taught. It is explained well but hard to follow. Maybe if Jason actually wrote out the code as he explained it rather than using slides may make it easier to understand. Also, my account has never had a U drive to save files onto
too difficult
· proving an easier start for beginners who might find coding difficult to grasp.
· Coding too hard for no experience people...
· lecture videos would be helpful in order to make it easier to keep on track with what the voice recording is going through
· I a
· Jason says there's no computer programming experience necessary but he provides rather hard questions to complete in labs and without any experience I find the course goes rather fast and it's difficult material.
· More labs with MATLAB to practice stuff, and a bit more harder examples in the lecture
· I believe students should not have access to the course website during exams, so that many types of questions can be given to students up to the time of an exam. This is because this is a better way for students to learn effectively. Many students study 1 or 2 math subjects, and are familiar with the learning style. If this style of learning could be implemented in this course, I believe students would have the opportunity to learn so much more.
· the pace of the course. How questions become exponentially harder when the lecture slides seems straight to the point.
· providing more example.
· More lab sessions, less lectures
· Easier questions at the beginning whilst starting to learn about matlab.
· Relate lecture material to lab exercises.
· really difficult, and fast speed
· if u guys really want all (or most of all) students, please pay more attention on the weaker ones and not just keep giving the same advice
· extra help for students with no background in computing or the math
· The rapid pace that this subject was taught was hard for me to keep up with, especially for people who weren't that good at programming.
· I don't think there's much to improve. Just keep Jason as the lecturer :)
· needs to be more engaging
· i want to see full video recordings instead of just sound recordings

Disagree

· Less critical learning points, so we have more time to grasp concepts. Jason runs through lectures fast. Yes there are uploaded recordings, however Jason may need to run a video where we can see the screen and listen to the recording at the same time. It keeps confusing when listening to the recording because we don't know when the slides are being flipped back and forth (which is often).

Strongly Disagree

· I just don't see the relevance for me to be doing this unit in my course
· Nicely done notes, with good examples would be very useful
· see more relavence, video lectures, all the lecture examples explained, and solved, not left to individuals to attempt and not get right.
· Students should choose.
· Need to really reinforce the understanding the content. personally im not good with computers and I don't like them and the is course made it difficult. I remember more when I understand what im doing but this course just said "this code does this" and so I didn't understand how to use this code and how to apply. Overall Im going to end up failing but it could've been enjoyable if I didn't end up lagging behind. when I didn't understand something, I tried to understand it but I didn't have time because then I was behind in next weeks lecture so I ended up really behind.

Strongly Disagree

· not enough resource for us to learn more tutorial question
· larger screens to fit all of the tutors instructions
· I love ENGG1801
· none
· Very slow lectures, spoonfeeding
· Have more motivational stories.
· sample quiz may be provided before the quizzes. more difficult exerices should be explained more easily to people who are not confident with matlab
· More notes.