This report contains feedback from students about a course taught in the School of Informatics during the 2020/21 academic year, in response to the following questions:

- What advice would you give to a student taking this course in future?
- What did you find most valuable about the course?
- What improvements, if any, would you make to the course?
- Please add any other comments you have about workshops, tutorials or labs on this course
- Please add any other comments you have about the presentation of course materials online and their accessibility
- Reflecting on your experience of hybrid teaching and learning on this course, what has worked well for you?
- Is there anything else you’d like to tell us about your experience of hybrid teaching and learning on this course that would help us improve our approach?

Each course organiser receives this report as well as statistics on multiple-choice responses. All these reports, together with student feedback about individual members of teaching staff, are collected and sent to the Director of Learning and Teaching.

Please note that these are personal responses from individual students: some courses only have a few responses and a small sample can be unrepresentative.

Stereotyping and bias, especially unconscious bias, is a serious concern in any survey gathering personal responses. All students received the rubric below before completing the surveys, and you can read a brief introduction to issues of unconscious bias on the university web pages at http://edin.ac/2iypZBv

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**Rubric given to all students taking the end-of-course feedback survey**

We value your opinions on the courses you take here at the University, as they allow us to shape future delivery and development. We welcome constructive comments about your courses, whether positive or negative, and ask you to give details about any issues in order to help the course organiser to understand and address them.

We encourage you to be aware of the potential for bias in the completion of these questionnaires, so we have developed resources which may be helpful to you:

- Equality, Diversity and Unconscious Bias (http://edin.ac/2iypZBv)

You also have a responsibility to provide feedback in a manner which does not breach the University’s Dignity and Respect Policy:

- University of Edinburgh Dignity and Respect Policy (http://edin.ac/1Cq0VZY)

The results of the questionnaires will never be analysed in a way that seeks to identify individual students from their responses. However, should you wish to remain anonymous, please do not identify yourself in your answers to the survey questionnaire implicitly or explicitly.
1. Reinforcement Learning [INFR11010_20-21_SV1SEM2_ONLINE_CACORE19] -

What did you find most valuable about the course?

- A good balance between theory and practice
- An introduction to the concept of RL has been great. Understanding practical application.
- Being able to put everything into practice and understand better things with the coursework.
- Coursework strengthened the understanding of many algorithms.
- Coursework was intense but very enjoyable. Learned a lot there! Thank you!
- I found absolutely fascinating the coursework. I liked a lot the opportunity to implement different algorithms because this help me to digest better concepts which I studied from the book. Other than the digestion of these concepts, I liked a lot, my involvement on solving 'real-life problems', such as training an agent to deliver a person to the correct destination or finding solutions on control problems such as cartpole and pendulum.
- I found the coursework the most valuable aspect of the course. It was well-organised and well-structured and implementing the algorithms has helped with my understanding in preparation for the exam. Marks and feedback were received very quickly too which was appreciated.
- I found absolutely fascinating the coursework. I liked a lot the opportunity to implement different algorithms because this help me to digest better concepts which I studied from the book. Other than the digestion of these concepts, I liked a lot, my involvement on solving 'real-life problems', such as training an agent to deliver a person to the correct destination or finding solutions on control problems such as cartpole and pendulum.
- I found the coursework the most valuable aspect of the course. It was well-organised and well-structured and implementing the algorithms has helped with my understanding in preparation for the exam. Marks and feedback were received very quickly too which was appreciated.
- I found the reading and the coursework most valuable.
- I learnt so much in this course. The most valuable part of this course was the coursework as it was very relevant to lectures and helped me understand the lecture material better as well.
- I think the content in tutorial and coursework is really useful for me. It can help me understand what I have learned in this course to the large extent.
- I think the practical assignment is very beneficial for us as it allows us to have hands-on experience in implementing RL algorithms.
- Learning about RL in general, I hadn't done it before. The maths behind some of the convergence equations were interesting.
- RL, I guess
- Reading the book and doing the coursework
- Reinforcement learning: from 0 to 1
- The RL laboratory time.

The course followed the RL textbook, and most of the learning was done through the book. I enjoyed this aspect - it allows us to spend extra time on difficult sections and read through important examples, which leads to a strong understanding of the topic. The alternative would have been written lecture notes or short lectures that didn't go into the same depth as the book.

All the staff are friendly and responded to Piazza posts quickly.

The course systematically taught me the topic of RL by starting from the very basics and building up towards the more complex topics. The coursework was also quite extensive and I found that I had a much better understanding of the algorithms once I had implemented them computationally.

The course was extremely well organised; in particular the coursework and the tutorials. I found the coursework to be one of the best organised and rewarding courses I have undertaken at University. The tutorials were great as they provided a good bridge between the theoretical concepts of the lectures and the decision making and implementation of the algorithms.

The coursework - I loved to get my hands dirty and observe the learning process!

The coursework and the tutorials.

The coursework provided practical experience and was really useful to further my understanding of theoretical concepts covered in lectures.

The coursework was very helpful to understand the concepts and the algorithms from the course. The tutorials were very helpful to discuss about the concepts from the course.

The coursework was very well done, quite enjoyable and marked in great time.

The coursework was very well structured, appropriately challenging and with clear instructions. Completing it was the most valuable aspect for me since it provided a taste of how the algorithms and ideas we learned in theory are applied in practical problems.

The design of the coursework is very good. I learn a lot from that.
The hands-on coursework is particularly helpful in understanding concepts. Tutorials were a great place for discussions.

The more advanced topics, like DQN and Policy Gradient methods.

The practical experience provided by the Coursework. It helped me to learn a wide variety of RL algorithms and how to tune their hyperparameters to enhance their performance. In my opinion, the questions of the coursework were focused on the most relevant topics and abstracted secondary implementation details which enable focusing the effort adequately.

The topic, in general, is very useful in the field of AI, and industrially very applicable.

The tutorials were excellent.

Tutorials

coursework

i do not know

learning latest method of machine learning
What improvements, if any, would you make to the course?

- A well-organized lecture

- Cut down volume of material, extremely challenging to do in parallel to other courses, and this is only worth 10 credits!

  Split course into two courses: Intro to RL (policy, value, monte carlo) and then advanced RL (DQN, multiagent etc)

  Go over the basics much more with code examples. Connecting the theory to practical is hard.

  Ensure that students have examples of how things are implemented in tutorials in code.

  Personally, I quickly fell behind and then it was impossible to connect to the class as it was building upon more and more complex topics. The tutorials reflected this, in the start we had 8 people and in the end, only 1 person was showing. I would speculate that the rest were also behind and could not attempt the tutorials as course was moving too fast and they didn't have the knowledge to resolve them.

  Didn't like the fact that people were constantly asking questions during the lectures and the lecturer jumping back and forth in slides. Made it hard for me to follow.

  Way too much reading.

- Difficult questions. Better lectures? But there are already a lot of lectures online to watch if needed so I'm not sure that would help with learning outcomes.

- For this course I think some programming labs earlier on as a warm up to the coursework would be nice, it is not needed but would be a nice addition to the lectures and tutorials.

- I spent a lot of time trying to make the more long-term things to work. My friends started making fun of my university being a joke because I was just waiting for the d**n lunar lander to land for days. I think that was the most annoying part of the course but I also do see why including that makes sense (since you have to plan etc).

  Otherwise the reading was also too much -- I was doing 70 credits this semester so without any days off, I could spend one day a week on this course. This was not enough for reading + lectures + coursework + tutorial homework + tutorial attendance + quizzes. Seriously.

  I think it is fine as it is.

- I think lectures could go a bit deeper into things instead of complementing the readings.

- I think that students could benefit from slightly longer lectures and from spending more time on the basic concepts (examinable material). It would also been nice if the coursework was split up throughout the semester.

- I think the lectures are not going in-depth enough and many of the algorithms in the assignments are not covered enough in the lectures. I observe many struggled to pick up and understand these algorithms that are sometimes not even mentioned in the lectures.

  The fact that we are not supposed to discuss about implementation details for the assignment doesn't help in learning. I suggest for lectures to go more in-depth into algorithms first, the thinking behind it, provide some sample codes for more RL algorithms to let us familiarise with implementation before actually asking us to do it for graded assignment.

  I was a bit disappointed that the mathematically more involved parts (mostly proofs) were not explained in the lectures. Changing that would make the course better, I think.

  The coursework contained many "misleading" comments. Apart from the things that came up on Piazza, the typing information was often unreliable (e.g. arrays with categorical values encoded as ints were labelled as containing floats). In the end, that made it hard to know which comments to trust and which to ignore. I believe this would have been much better if (more) TAs had done the coursework on their own from scratch to iron out these kinds of problems.

- I would add a Q&A session after the exam. Most of the learning happens at the end of the semester - therefore, a lot of questions emerge there.

- I'd rather had less advanced notions such as deep reinforcement learning and build stronger foundations. Especially as the course is only 10 credits I think there is way too much material covered. For the coursework for instance I would have liked to code one full RL system rather than just implement many functions.

- Instead of a Pytorch demo, consider pairing students to work on a lab or two together since they are more likely to learn by working with their peers.

- It felt, at times, that the course lacked a clear direction. Understanding that essentially we were covering the ideas behind reinforcement learning is fine, but because so much content was crammed into the lectures & so much reading was assigned it was not always clear why certain subjects were included and hence felt a little aimless.

  In order to improve this I would probably reduce the content somewhat - for example, it is not always clear why content such as coarse coding or state aggregation was covered when it is not used anywhere, with the only effect being that we rushed over other important ideas. In the example of coarse coding, it might have been more useful to have either left this content out or dedicated more time to feature representation techniques in value function approximation.

  The coursework was also incredibly over-focused on hyperparameter tuning - which is not a subject that was not covered much in the lectures & ended up being a bit of a guessing game.

- It is still difficult for me to catch up with weekly lectures. It is better to increase the times to take lecture and reduce the content in each lecture.
It would be better to provide some coding practice after each lecture.

Less content. The first lecture was really helpful, went at a good pace and everyone got to ask questions, but only a fraction of the content was covered. After that lectures often felt rushed and ill-explained. There was an unnecessarily large amount of reading to do - which most of the coursework doesn't even hinge on after we'd spent hours doing this reading. Less reading, less content and labs before the coursework comes out would be much better. The fact that we had to attempt the coursework without having used/seen gym, pytorch, or experience coding a single RL algorithm is ridiculous.

Overall, I enjoyed this course. Much better than the School of Mathematics courses.

When the course first started, I fell behind the reading material and thought that the quantity was extensive. However, as soon as we finished the examinable content, I quickly caught up with the reading. I think it would be nice to "spread out" the reading in the early weeks, although I am not sure how that can happen. Maybe you could highlight the fact that the reading is only for the first 6-7 weeks or encourage reading before the semester starts - during the Christmas holidays.

I am not sure how helpful the lectures were. I think the first lecture had ~130 students and by the fourth lecture, there was ~30. Some RL students started an RL discord group and we met every week, for about 2-3 hours, to discuss what we have learnt and go through the examples in the book - I thought that was helpful.

The online quizzes can be worded better - I like the feedback from the quizzes :).

Perhaps by giving some hands on experience to the tutorials regarding actual hands on experience with programming libraries and software packages. I've spotted that this is quite a trend with informatics courses at this University- they'll mention all the software tools you need, won't give any experience in it, and force you to go out on your own to figure it out as part of an overinflated coursework assignment for a 10 credit course.

Reinforcement learning is a course which involes many activities such as coursework, lectures and labs and weekly tutorial. I understand that it might be difficult to improve this course, however I would like better exercises on tutorials.

Sometimes the material seemed excessive to cover in 1 hour lecture. I think it would be better to reduce the materials covered, but dive deeper into them at the lectures or make longer lectures and perhaps make this a 20 credit course, which definitely would feel more adequate.

The coursework is not reflective of a 10 credit course

The feedback could have been more in detail, i.e. provide example of which part of the code was incorrect etc. Additionally, the lectures could be better delivered. I found that the David Silver lectures, published by DeepMind on Youtube in 2015 were far more insightful and contained better explanations of the course contents.

The first few lectures seemed a bit rushed, they ran quite far over the allotted time and still didn't seem to cover all the intended material. Then we finished lectures a week earlier than my other courses so it would have been nice to use the last week of lectures to spread the material out a bit more so that the lectures don't run over in the beginning of the course.

The lectures could be less dense. Maybe make pre-recorded videos to watch, and then QnA sessions. Instead of a full lecture, with QnA in it. This becomes too dense. And RL itself is dense. We loose focus. A good inspiration is the U of Alberta RL specialization.

The lectures should be focused on getting the main concepts across rather than answering questions coming from students that already dominated those concepts beforehand. Q&As would be more appropriate for these types of questions as this would allow the lectures to focus on more important topics.

The teaching and support are all sub-par. The course lectures weren't helpful at all, I had to rely completely on external resources to understand the course. The Lectures only helped to understand what topics are relevant.

There seems to be quite a lot of material and it isn't clear whether one needs to go through all of it. I opted to mainly follow Sutton's book as it is a really good book on this subject and didn't really use the lecture slides/videos as it seems like there is some repeated content. I think it could be a good idea to slim down the materials as it can be overwhelming otherwise.

There was little practical before the Course work was released, which lead to an incredibly steep learning curve in the course work. I spent well in excess of 50 hours on this. Do not have a free for all lecture where the microphone is not muted for people, and questions can be asked at any time. I think questions should wait till the lecturer has finished talking.

I would also recommend you share with students practical resources, like where else to have a go at RL. maybe even a notebook based learning exercise rather than the tutorial

This course is very well designed, so I think it is fine as it is.

While tutorial sessions were very helpful, some questions can be improved.

ehm I dunno, it just gets confusing as things goes on

i do not know

the quantity of work for the course seems at odds with other of the same level. To enable a student to actually learn the material the course should be more credits so they can justify spending the required time on the material (many students in the class this year felt similarly).

the weekly task is too much.

too much materials to be covered for 10 credit hour course. Should provide lab practice for coursework preparation.
2. Reinforcement Learning -

2.1) What advice would you give to a student taking this course in future?

1) Serious reading of the Reinforcement learning Book
2) Working on the reinforcement learning coursework from day 1
3) Be updated with piazza conversations
4) Ask questions

Attend lectures and tutorials and start the coursework as soon as possible so you can take your time on each exercise.

Be a video game nerd and have a lot of time lol. Personally I thought it was a great course but it doesn't focus much on cognitive applications of RL which interest me more.

Definitely take the course especially if you are interested in Machine Learning, it provides a really interesting way of thinking about and approaching real-world problems.

Definitely take this course if you are curious about Reinforcement Learning. This course provides well designed coursework which helps in understanding the lectures better and where you actually use most of what you learn in lectures.

Do not rush through the coursework; it takes time but is very rewarding once finished.

Equipped with the ability to basic knowledge of deep learning.

Get more efficient on coding.

Get started on the coursework early.

Go and learn PyTorch documentation, because you will read this for a greater time than you will have to prepare for the exam.

Hopefully will have taken a reinforcement learning course elsewhere

Read the whole Sutton book before taking this course. It is like a book club, checking in each week that you have completed the reading but does nothing to help intuition.

it jumps into advanced details very quickly.

I hope it isn't online for you.

I would repeat advice given by the lecturers: Do the reading before the lectures and start the coursework early.

I would suggest for him/her to be familiar with conditional expectations, properties of gaussian distribution, deep learning and also to pre-read or learn all the RL topics first (in terms of how they are implemented). This is because the course goes through each RL topics fast and for someone without the above prior knowledge, he/she would not be able appreciate the course as well.

It would be lovely if you have some backgrounds on Reinforcement learning :)

It's only 10 credits but if you did 6 of these courses in a term you would struggle.

Its tough, be ready for it

Make sure your programming skills are well above average and consider this course if and only if need to show it in your transcripts, else you can find better resources outside this course and get certified.

Make use of Piazza and try to search for your answer first before posting.

Only consider taking it if you get hands on guided experience with relevant software packages first.

Only take this is you have a strong knowledge of python or a lot of spare time

RL is an interesting topic. Be prepared for a lot of reading for the first 6-7 weeks.

Start the coursework as early as possible and be consistent in the time allocated to it. This will allow to maximise the learning opportunity and get a good mark.

Start the coursework early since it can be very time consuming.

Start the coursework early.

Students who do not have experience in object oriented programming may struggle for the coursework.

Study the concepts often. Watch a lot of videos, and do the readings when you more or less understand the concepts. Not before, you might get a little lost.

The lectures are not great, they are more of a brief overview of the course content and so you can not really learn from them. I recommend that future students watch the David Silver lectures on Youtube, published by Deepmind in 2015. Then, following watching the youtube lectures read over the required chapters in the Introduction to reinforcement learning book by Richard S. Sutton, which is available for free online at incompleteideas.net. I was initially worried about taking this course because of reviews I read from previous
years, however, much has been done to improve the course since then. You will still find that you need to teach yourself most of the content as I mentioned above, and that realistically the course is more like a 15 credit course than a 10 credit course. However, overall I recommend those interested to take it.

- This is truly a multi-discipline course which draws ideas from many academic areas. It requires a lot of self study and external reading to get a good grasp of the material so be prepared for that! Fortunately, the book that is followed is very well structured and there are a lot of available resources online for everyone's tastes. Just pick the one that suits you best.

- To keep up with the readings and to start working the coursework in advance.

- Workload is slightly higher (for a 10 credit course). But definitely worth it.

- be prepared

- this will be difficult because it is a subject very difficult if you approach it for the first time. and, if you are good at programming (as probably it happened to me) you will do the coursework in time, otherwise it will be challenging. But the subject is interesting, so I recommend it.
3. Reinforcement Learning

3.2) Please add any other comments you have about workshops, tutorials or labs on this course

- Agree but I could only keep up with the material for the first 5 weeks. After that, I could not participate as I did not have the understanding required to do the tutorials.
- Didn't attend the tutorials after the 4th time or so.
- Great job with the tutorials, really liked them!
- I did not attend.
- I found most of the tutorials way too easy compared to the reality of the difficulty of the material covered in the book and lectures.
- I found the tutorials generally helpful. Labs were fairly useful.
- I think that the tutorials are not great simulations of the exercises on the exams. Apart from the tutorials 8 - 9 where we actually have the solutions on past papers. So I would like to have better exercises on the tutorials. Labs were very useful, when I had some questions, I could easily figure out the answers by asking questions on TAs.
- I think tutorials always help engage with material and improve understanding, but some of the RL tutorials might have been too easy. In my opinion, slightly more challenging tutorials would be more engaging.
- If labs are not marked, they will always have less priority than other courseworks
- Not really. But I also never had time for them because I was so swamped with reading. Still haven't done tutorials/quizzes lol
- My tutor was a great teacher, I looked forward to his classes every week.
- Sometimes the answers or discussions felt subjective. I think I would have preferred real-life examples to a frog on a rock.
- The TAs were useful for providing implementation stuff.
- The tutor aimed to increase participation by calling on students to answer questions but this had an adverse effect for myself and at least one other student in the group since we stopped attending tutorials altogether. I understand the desire to get engagement but some students may take time to be comfortable and not wish to be called on initially. I also found the labs for the coursework were scheduled too rigidly. I took the advice to start early and made good progress before running into issues on Q3 and Q4. However, the lab session for that was weeks away so it was not easy to raise points for discussion beyond using Piazza, where I was confused on the level of detail I could go into.
- The tutorial problems were very informative and the tutorial discussions intellectually stimulating.
- The tutorials were so abstract! There was no hands on coding experience at all. Then all of a sudden, we're given this massive clunky codebase and told to 'just read docs lo!'!
- Tutorial questions were gave good practice of the topics covered. The tutors were knowledgeable and well prepared.
- Tutorials were very helpful when run by pavlos, but when the TA took over I found his delivery very poor & his appearance (with hood up and gloves etc.) was incredibly distracting to the extent that I did not attend tutorials that he ran...
- Unfortunately, the tutorial attendance was very low, making it less valuable, although this is not the organisers fault
- never attended them
4. Reinforcement Learning

4.1) Please add any other comments you have about the presentation of course materials online and their accessibility.

- Amazing. Quite good instructions. TAs took us(students) by hand and present us the coursework on deep detail. Excelent work!
- Could you set up a proper captioned set of lecture recordings?
- Course materials worked well for online learning.
- Coursework was well put together.
  - Useful that the course follows the book closely so we can learn from that.
  - lectures were not particularly polished.
- Excellent in all aspects.
- Good!
- I don't have any other comments.
- I think the lecture notes are a bit too high-level for some topics like deep learning RL etc.; I was expecting more details in implementation and the thinking but was thrown to do that for graded assignment without much help.
- It is unfortunate that lecture recording are not accessible after 20 days
- Overall impressive with the preparation went into it, but less happy that source code changed.
- Overall the course webpage was well organized and the different materials were easy to access.
- People asking questions via the chat during the lectures makes following the recording difficult - it would be better if only verbal questions were allowed.
- Really helpful, great textbook.
- Sub-par
- The lectures were interactive, I liked that. We could stop, interrupt, ask questions and annotate the slides.
Reflecting on your experience of hybrid teaching and learning on this course, what has worked well for you?

- All online, not hybrid.
  This course was fine. I didn’t get to interact and talk to other students in person.
- Being able to watch video lectures on my own time and also being able to revisit them.
- Completely remote. What worked well is that I work 28hrs a week and have been able to complete a full time masters this year, but still require lectures/tutorials to be punctual. Overrunning lectures were not always beneficial.
- Easy to fall behind on material and then impossible to catch up and miss out of participating in tutorials to reinforce knowledge.
- Even though it is harder to engage with the lectures/tutorials and keep my focus due to the fact that it is online, I don’t think it affected my experience and I still learner a lot from this course.
- Having the opportunity to learn at my own pace and at the time that suited me best was really useful.
- I believe the learning process involves the explanation from one student on the other, then students can learn better. I would like to have on campus lectures in order to interact more with other students and make more conversations about the topic.
- I had to rely on external resources completely, so the hybrid-teaching had no impact.
- I like that the learning is set up in such a way that most of it is independent but there is just enough contact with supervisors/professors, which is incredibly valuable too.
- I think so.
- I think the continuous help from TAs and lecturers on piazza made everything easier than expected.
- It was all online but the social aspect of the tutorials was great.
- Nothing in particular, a lot of stimulation, immersion and learning experience has been missed by online teaching.
- Questions answered promptly on Piazza (particularly tutors answering coursework questions). Plenty of opportunities to ask for help with both tutorials and labs.
- Resources a readily accessible.
- The extra time that we have from not commuting helped and the instructors were very approachable and responsive through all means of communication. The main thing that I miss is the interaction with fellow students.
- The flexibility of listening to recorded lectures when I have the means and time to. This is especially important for us (distance learning students) during this pandemic. It is really difficult to manage work and life.
- The labs and tutorials were very useful in general because it allowed for interaction with others.
- The recording of lectures.
- The teaching was not hybrid. It was all online.
- Tutorials.
- Tutorials on MS Teams have been really good. Pre recorded lectures also.
- We can watch the video lecture whenever we can, which is helpful for our time schedule.
- Worked well. Piazza feedback was quick, and coursework was returned with feedback in very good time.

Hybrid is a strange term. I don’t think I’ve done anything offline for this course. Luckily reading a book is possible from any location on earth and this course is mostly reading a book. The coursework was described and explained well. It was clear what needed doing and several lab sessions were helpful.

nothing. Lol. I is a difficult subject that you cannot teach in few hours. Oh, I forgot, let us forget hybrid teaching, ok? That is a mistake.
7.2 Is there anything else you'd like to tell us about your experience of hybrid teaching and learning on this course that would help us improve our approach?

- Difficult question.

- I was unable to attend most tutorials due to my work commitment and found it difficult to follow as I had to read them by myself. There wasn't any recorded tutorials. I prefer if the tutorials are hosted on learn collaborate and then recorded for everyone.

- Nope.

- Since the course was entirely online, you need to introduce more collaborative activities so that students get to interact with each other. It is especially hard this year to meet people, and even more so for those taking the course from outside of Edinburgh. Consider having paired labs, tutorials which require group work, or make the assignment paired.

- Stop saying that it's hybrid.

- Let's return to the old way of teaching in a classroom and let's forget the hybrid teaching.

- There was a fear/sense of arrogance people felt the TAs had during coursework, leading to not many people feeling that the TAs were approachable.

- To assist on arranging discussion and Q&A among students. It is challenging to arrange for discussion and study group in this condition.
11. Thank you -

11.1) Thank you very much for taking the time to complete this questionnaire. Your response and comments will be fully considered.

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Please provide any additional comments you may have about the course, the teaching on the course or the resources that support it in the box below.

- I greatly enjoyed the course. Many thanks to everyone involved.

- I'd like to build on my point earlier about informatics courses at this University. I haven't been here a while, but I have spotted a trend emerge. Each course has their own highly technical and intricate requirements- you have to install and upgrade and setup all these software systems on one's laptop/PC just to suit their specific needs. And then they won't give you hands on experience or guided tutorials to the necessary software packages for assignments. There will then come a disproportionate coursework assignment to the actual credit size of the course and there will be little help because we're not allowed to show what we've got for our questions so far. This is a 10 credit course, and a 50% coursework assignment, but it has been a vacuum of my time and detracted from my other commitments.

- Overall I learnt a lot from this course, I enjoyed it and definitely recommend students interested in RL to take this course. Initially the material might seem a bit difficult as it is new for most students taking it, but after a while you will enjoy it.

- Thank you for the course!

- The tutorial tutor was excellent but the volume of material was impossible to go through, along with the CW and the tutorial questions.

  The coursework was extremely challenging and the TA's sessions were not very helpful in assisting. The responses in the piazza forum were closed and vague.

- This tarted as my favorite course this year, and my most anticipated, was my I would have hoped for the practical side to have started sooner in the course.

- i think i used mostly the book to undetand the subject.i do not like how they expained in the lectures and also...the accent was terrible for some of them.
  But I must say that the pdf of the course work (and instructors), was quite useful to understand how to do the exercise. so, thanks instructors.
  i think it is a very interesting subject and they definitely make me become more interested in the subject.
  oh, maybe can we also teach some applications of RL for the industry or medicine? Because i do no understand where to apply reinforcement learning lol..please, applying on videogames is not so useful..

- maybe increase to 20 credit, and contain more content.