

University of Alberta

CMPUT 365: Introduction to Reinforcement Learning

LEC B1

Winter 2026

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Office hours: The location and time in which the TAs will hold office hours will be available on Canvas. Slack and Canvas: asynchronously

TA email address: cmput365@ualberta.ca

Do not personally email the TAs. They will only respond via cmput365@ualberta.ca.

Lecture room & time: TEL 150, MWF 13:00 - 13:50

Attendance isn't mandatory, although strongly encouraged.

Slack invitation link: We will use Slack as an optional alternative to Canvas for communication and question-answering. The invitation link will be provided to the students on Canvas.

TERRITORIAL ACKNOWLEDGEMENT

The University of Alberta respectfully acknowledges that we are situated on Treaty 6 territory, traditional lands of First Nations and Métis people.

COURSE CONTENT

Course Description: This course provides an introduction to reinforcement learning, which focuses on the study and design of learning agents that interact with a complex, uncertain world to achieve a goal. The course will cover multi-armed bandits, Markov decision processes, reinforcement learning, planning, and function approximation (online supervised learning). The

course will take an information-processing approach to the study of intelligence and briefly touch on perspectives from psychology, neuroscience, and philosophy.

The course will be partially a flipped classroom, which, as [Wikipedia](#) says, is a “learner-centred model where students are exposed to the subject matter outside the classroom so that they can have more meaningful learning opportunities in the classroom”. The course will use the MOOC on Reinforcement Learning, created by faculty members in the Department of Computing Science of the University of Alberta. Much of the lecture material and assignments will come from the MOOC. In-class time will be largely spent on discussion and thinking about the material, with some supplementary lectures. The idea is that instead of the standard model where you watch lectures in the classroom and study at home, you will also watch lectures at home and “study” in the classroom, with content still being presented, but sometimes in more depth under the assumption students have been exposed to it before. This model allows for more active learning instead of having students passively watch lectures in the classroom.

Course Prerequisites: CMPUT 175 or 275; one of CMPUT 267, 466, or STAT 265.

The course will use Python 3. We will use elementary ideas of probability, calculus, and linear algebra, such as expectations of random variables, conditional expectations, partial derivatives, vectors and matrices. Students should either be familiar with these topics or be ready to pick them up quickly as needed by consulting outside resources.

Course Objectives and Expected Learning Outcomes: By the end of the course, you will have a solid grasp of the main ideas in reinforcement learning, which is the primary approach to statistical decision-making. Any student who understands the material in this course will understand the foundations of much of modern probabilistic artificial intelligence (AI) and be prepared to take more advanced courses (in particular, CMPUT 655: Topics in Reinforcement Learning I, CMPUT 609: Reinforcement Learning II, and CMPUT 653: Real-Time Policy Learning), or to apply AI tools and ideas to real-world problems. That person will be able to apply these tools and ideas in novel situations -- e.g., to determine whether the methods apply to this situation and, if so, which will work most effectively. They will also be able to assess claims made by others, with respect to both software products and general frameworks and also be able to appreciate some new research results.

With a focus on AI as the design of agents learning from experience to predict and control their environment, topics will include

- Markov decision processes,
 - planning by approximate dynamic programming,
 - Monte Carlo and temporal difference learning for prediction,
 - Monte Carlo, Sarsa and Q-learning for control,
 - Dyna and planning with a learned model,
 - prediction and control with function approximation.
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LEARNING RESOURCES

Required Textbook and/or Other Major Course Materials: All course reading material will be available online. We will be using videos from the Reinforcement Learning Specialization on Coursera, which was created by faculty members in the Department of Computing Science of the University of Alberta.

We will be using the following textbook extensively:

Sutton and Barto, Reinforcement Learning: An Introduction, MIT Press. 2nd Edition.

The book is available from the bookstore or online as a pdf in the link below:

<http://www.incompleteideas.net/book/the-book-2nd.html>

On-Line Homework Disclaimer: On-line homework is a component of this course and is provided by a third-party company, Coursera, through a partnership with the University of Alberta. University of Alberta students can get free access to the online content of the Reinforcement Learning Specialisation via the steps outlined [here](#). You are required to set up a free coursera account with your ualberta.ca email address. You will be automatically enrolled in a private version of the course for this class.

REMOTE DELIVERY CONSIDERATIONS

Technology for Remote Learning: To successfully participate in remote learning in this course, it is recommended that students have access to a computer with an internet connection that can support the tools and technologies the University uses to deliver content, engage with instructors, TAs, and fellow students, and facilitate assessment and examinations. Please refer to [Technology for Remote Learning - For Students](#) for details. If you encounter difficulty meeting the technology recommendations, please email the Dean of Students Office (dosdean@ualberta.ca) directly to explore options and support.

Please contact the instructor by the add/drop deadline of September 16 if you do not have access to the minimum technology recommended. The instructor will make arrangements for accommodating students who contact the instructor before this date. Failure to do so may result in a zero in any assessment that depends on the minimum technology.

Student Resources for Remote Learning: Online learning may be new to you. Check out tips for success and find out more about online learning on the [Online + Remote Delivery Resources](#) page.

GRADE EVALUATION

Assessment	Weight	Date
Practice quizzes (80% pass)	$9 \times 1\% = 9\%$	Day of the last class on the topic of the week at 23:59:59 (see Course schedule at the end for details)
Assessments (graded quizzes/notebooks on Coursera)	$9 \times 2.5\% = 22.5\%$	Day of the last class on the topic of the week at 23:59:59 (see Course schedule at the end for details)
Midterm 1 exam	20 %	January 30, 2026
Midterm 2 exam	20%	March 4, 2026
Final exam	30%	April 16, 2026*

* Students must verify this date on BearTracks when the Final Exam Schedule is posted.

Grades are unofficial until approved by the Department and/or Faculty offering the course.

Statement of Expectations for AI Use: The primary goal of this course is to foster *individual* critical, creative thinking, and problem-solving skills related to reinforcement learning and, more broadly, machine learning. Thus, in order to achieve such learning outcomes, students can submit each practice quiz and graded assignment multiple times, which allows for many learning opportunities. Therefore, the use of advanced AI tools based on large-language models such as ChatGPT or Gemini is strictly prohibited for all quizzes and graded assignments. The only exception is their use for Python-related queries (but the use of such tools to help with the programming assignments themselves is still strictly prohibited). As stated in the university's [AI-Squared - Artificial Intelligence and Academic Integrity](#) webpage, "learning is not only about the product; learning is also about the process of acquiring new knowledge or learning ways to think and reason."

IMPORTANT: Failure to abide by this guideline may be considered an act of cheating and a violation as outlined in the relevant sections of the University of Alberta [Student Academic Integrity Policy](#).

Re-evaluation of midterm exams: Students will have access to their midterm exam during an exam viewing period. A student who has concerns about how specific questions of their midterm exam were marked can submit a request to the instructor via email within two weeks of the date

they received their marked exam. The request should specify (1) which question is to be re-evaluated, (2) the rationale for such a request, and (3) the proposed marks. Importantly, once a request for re-evaluation is submitted, it is up to the instructor's discretion to adjust the marks. *Students won't be allowed to take their midterm exams with them, nor to take pictures of them*, so in case of concerns, the student is advised to take notes during the exam viewing period. The TAs are not authorized to weigh in on the midterm exams, this is something only the instructor can do. *Notice marks can also go down once a question is re-evaluated.*

Re-examination: There is no possibility of a re-examination in this course.

Past or Representative Evaluative Material: The quizzes and graded assignments are excellent examples of representative material, as well as the exercises in the course's textbook. Additional representative material will be discussed in the classroom and later posted on Canvas.

Format of Exams: The midterm exams will be held in TEL 150 from 13:00 - 13:50 (50 minutes). The date, time, and place of the final exam are scheduled by the office of the registrar; the final will be a 2-hour exam. *The exams will be closed book and written in real-time.*

Format of Quizzes and Assignments: You are allowed to consult the textbook and materials on Canvas while solving the assignments. You are also allowed to discuss the assignments with your classmates. Note, however, that you are not allowed to exchange any written text or code or to give and/or receive detailed step-by-step instructions on how to solve the proposed problems. *Moreover, as stated above, you are not allowed to use generative AI in your coursework.*

Grade Evaluation: At the end of the term, your percentage grade will be converted into a letter grade by following the table below, extracted from the [Department Course Policies](#).

Letter	Descriptor	Interpretation
A+ A A-	Excellent	Consistently original thinking that extends the material, demonstrated depth and breadth in the material, ability to integrate material with other subjects, ability to analyze and synthesize material at various levels of abstraction.
B+ B B-	Good	Like an A, but not consistent over time, or weak in a specific area.
C+ C C-	Satisfactory	Understand the core material but not its subtleties, can apply it to simple situations on your own and to more complex situations with hints, evidence that the material has changed the way of thinking.
		Understand some of the core material but not its subtleties, can apply it to

D+	Poor	simple situations but often needs assistance, evidence that the material has had some change on the way of thinking.
D	Minimal Pass	Shows some understanding of parts of the material, cannot apply it without some direction, little evidence that the material has changed the way of thinking.
F	Failure	Little evidence of understanding of even the surface issues, poor analysis and synthesis, inability to apply the material.

Grade adjustment: In total, grades add up to 101.5%, and students are being allowed not to submit two practice quizzes and two graded assignments (see below). Therefore, *grades will not be rounded at the end. No extra marks will be given, with no exceptions.*

Exam Conduct:

- Your student photo I.D. is required at exams to verify your identity.
- Students must arrive at the specified time to take the exam. Once the exam has started, students must remain in the physical environment for at least 30 minutes. Students who arrive more than 30 minutes late for an exam will not be permitted to take the exam. Students may apply for a deferred examination.
- All cell phones must be turned off and stored in your bags.

POLICIES FOR LATE AND MISSED WORK

Late Policies: Late submissions will not be accepted, but students are allowed to miss some submissions, as outlined below.

Missed Term Work or Final Exam Due to Non-medical Protected Grounds (e.g., religious beliefs): When a term assessment or final exam presents a conflict based on [non-medical protected grounds](#), students must apply to the Academic Success Centre for accommodations via their [Register for Accommodations](#) website. Students can review their eligibility and choose the application process specific for Accommodations Based on Non-medical Protected Grounds.

It is imperative that students review the dates of all course assessments upon receipt of the course syllabus, and apply AS SOON AS POSSIBLE to ensure the timely application of the accommodation. Students who apply later in the term may experience unavoidable delays in the processing of the application, which can affect the accommodation.

Missed practice quiz: There are a total of 11 weekly practice quizzes, and students are expected to do all of them. But because issues sometimes arise, students have to complete 9 of the 11 quizzes to get the full 9% participation mark. All the quizzes will be due at 23:59:59 on the day

mentioned in the schedule. Each practice quiz has equal weight (1%). *Please note that students can miss two instances of the practice quiz without penalty.*

Missed graded assignment: There are 11 graded assignments; they are usually Python notebooks, but sometimes they are graded quizzes. Students should do all of them, but because issues sometimes arise, students' final marks will be the sum of their top 9 assignment submissions. Effectively, students only need to complete 9 of the 11 assignments to get the full 22.5% marks. All the assignments will be due at 23:59:59 on the day mentioned in the schedule. Each graded assignment has an equal weight (2.5%). *Please note that students can miss two instances of the practice quiz without penalty.*

Missed midterm exam: A student who cannot complete a midterm exam due to incapacitating illness, severe domestic affliction or other compelling reasons can apply for an excused absence. To apply for an excused absence, you must contact the instructor within two working days of missing the assessment or as soon as possible. If an excused absence is granted, then the weight of the missed midterm will be deferred to the final examination. An excused absence is a privilege and not a right. There is no guarantee that an absence will be excused. Misrepresentation of facts to gain an excused absence is a serious breach of the Student Academic Integrity Policy.

Deferred Final Examination: A student who cannot write the final examination due to incapacitating illness, severe domestic affliction, or other compelling reasons can apply for a deferred final examination. Such an application must be made to the student's home Faculty Office within two working days of the missed exam and must be supported by appropriate documentation or a Statutory Declaration (see calendar on [Attendance](#)). Deferred examinations are a privilege and not a right; there is no guarantee that a deferred examination will be granted. The Faculty may deny deferral requests in cases where less than 50% of term work has been completed. Misrepresentation of facts to gain a deferred examination is a serious breach of the [Student Academic Integrity Policy](#).

STUDENT RESPONSIBILITIES

Academic Integrity and Student Conduct: The University of Alberta is committed to the highest standards of academic integrity and honesty, as well as maintaining a learning environment that fosters the safety, security, and inherent dignity of each member of the community, ensuring students conduct themselves accordingly. Students are expected to be familiar with the standards of academic honesty and appropriate student conduct, and to uphold the policies of the University in this respect.

Students are particularly urged to familiarize themselves with the provisions of the [Student Academic Integrity Policy](#) and the [Student Conduct Policy](#), and avoid any behaviour that could potentially result in suspicions of academic misconduct (e.g., cheating, plagiarism, misrepresentation of facts, participation in an offence) and non-academic misconduct (e.g., discrimination, harassment, physical assault). Academic and non-academic misconduct are taken very seriously and can result in suspension or expulsion from the University.

All students are expected to consult the [Student Academic Integrity Policy](#) for clarification on the various academic offences. All forms of academic dishonesty are unacceptable at the University. Unfamiliarity of the rules, procrastination or personal pressures are not acceptable excuses for committing an offence. Listen to your instructor, be a good person, ask for help when you need it, and do your own work -- this will lead you toward a path to success. Any academic integrity concern in this course will be reported to the College of Natural and Applied Sciences.

Suspected cases of non-academic misconduct will be reported to the Office of Student Success and Experience. The College, the Faculty, and the Dean of Students are committed to student rights and responsibilities, and adhere to due process and administrative fairness, as outlined in the [Student Academic Integrity Policy](#) and the [Student Conduct Policy](#). Please refer to the policy websites for details on inappropriate behaviours and possible sanctions.

The College of Natural and Applied Sciences (CNAS) has created an [Academic Integrity for CNAS Students](#) eClass site. Students can self enroll and review the various resources provided, including the importance of academic integrity, examples of academic misconduct and possible sanctions, and the academic misconduct and appeal process. They can also complete assessments to test their knowledge and earn a completion certificate.

"Integrity is doing the right thing, even when no one is watching" -- C.S. Lewis

Contract Cheating and Misuse of University Academic Materials or Other Assets: Contract cheating describes the form of academic dishonesty where students get academic work completed on their behalf, which they then submit for academic credit as if they had created it themselves.

Contract cheating may or may not involve the payment of a fee to a third party, who then creates the work for the student.

Examples include:

- 1) Getting someone to write an essay or research paper for you.
- 2) Getting someone to complete your assignment or exam for you.
- 3) Posting an essay, assignment or exam question to a tutorial or study website; the question is answered by a "content expert", then you copy it and submit it as your own answer.

- 4) Posting your solutions to a tutorial/study website, public server or group chat and/or copying solutions that were posted to a tutorial/study website public server or group chat.
- 5) Sharing your login credentials to the course management system (e.g. Canvas) and allowing someone else to complete your assignment or exam remotely.
- 6) Using an artificial intelligence bot or text generator tool to complete your essay, research paper, assignment or exam solutions for you.

Contract cheating companies thrive on making students believe that they cannot succeed without their help; they attempt to convince students that cheating is the only way to succeed.

Uploading the instructor's teaching materials (e.g., course outlines, lecture slides, assignment, or exam questions, etc.) to tutorial, study, or note-sharing websites or public servers is a copyright infringement and constitutes the misuse of University academic materials or other assets.

Receiving assignment solutions or answers to exam questions from an unauthorized source puts you at risk of receiving inaccurate information.

Appropriate Collaboration: Students need to be able to recognize when they have crossed the line between appropriate collaboration and inappropriate collaboration. If students are unsure, they need to ask instructors to clarify what is allowed and what is not allowed.

Here are some tips to avoid copying on assessments:

1. Do not write down something that you cannot explain to your instructor.
2. When you are helping other students, avoid showing them your work directly. Instead, explain your solution verbally. Allowing your work to be copied is also considered inappropriate collaboration.
3. It is also possible that verbally discussing the solution in too much detail may result in written responses that are too similar. Try to keep discussions at a general or higher level.
4. If you find yourself reading another student's solution, do not write anything down. Once you understand how to solve the problem, remove the other person's work from your sight and then write up the solution to the question yourself. Looking back and forth between someone else's paper and your own paper is almost certainly copying and considered inappropriate collaboration.
5. If the instructor or TA writes down part of a solution in order to help explain it to you or the class, you cannot copy it and hand it in for credit. Treat it the same way you would treat another student's work with respect to copying, that is, remove the explanation from your sight and then write up the solution yourself.
6. There is often more than one way to solve a problem. Choose the method that makes the most sense to you rather than the method that other students happen to use. If none of the ideas in your solution are your own, there is a good chance it will be flagged as copying.

Cell Phones: Cell phones are to be turned off during lectures, labs and seminars.

Accommodations for Students:

In accordance with the University of Alberta's [Discrimination, Harassment, and Duty to Accommodate policy](#), accommodation support is available to eligible students who encounter limitations or restrictions to their ability to perform the daily activities necessary to pursue studies at a post-secondary level due to medical conditions and/or non-medical protected grounds. Accommodations are coordinated through the [Academic Success Centre](#), and students can learn more about eligibility on the [Register for Accommodations website](#).

It is recommended that students apply *AS SOON AS POSSIBLE* in order to ensure sufficient time to complete accommodation registration and coordination. Students are advised to review and adhere to published deadlines for accommodation approval and for specific accommodation requests (e.g., exam registration submission deadlines). Students who request accommodations less than a month in advance of the academic term for which they require accommodations may experience unavoidable delays or consequences in their academic programs, and may need to consider alternative academic schedules.

Recording and/or Distribution of Course Materials: Audio or video recording, digital or otherwise, of lectures, labs, seminars or any other teaching environment by students is allowed only with the prior written consent of the instructor or as a part of an approved accommodation plan. Student or instructor content, digital or otherwise, created and/or used within the context of the course is to be used solely for personal study, and is not to be used or distributed for any other purpose without prior written consent from the content author(s).

STUDENT SUPPORTS

Faculty of Science Student Services:

The [Faculty of Science Student Services](#) office is located on the main floor of the Centennial Centre for Interdisciplinary Sciences (CCIS). This office can assist with the planning of [Your Academics](#), and provide information related to [Student Life & Engagement](#), [Internship and Careers](#), and [Study Abroad](#) opportunities. Please visit [Advising](#) for more information about what Faculty Academic Advisors can assist you with.

Academic Success Centre:

The [Academic Success Centre](#) provides professional academic support to help students strengthen their academic skills and achieve their academic goals. Individual advising, appointments, and group workshops are available year round in the areas of Accessibility, Communication, Learning, and Writing Resources. Modest fees may apply for some services.

Feeling Stressed, Anxious, or Upset?

It's normal for us to have different mental health experiences throughout the year. Know that there are people who want to help. You can reach out to your friends and access a variety of supports

available on and off campus at the [Need Help Now](#) webpage or by calling the 24-hour Distress Line: 780-482-4357 (HELP).

Learning and Working Environment:

The Faculty of Science is committed to ensuring that all students, faculty and staff are able to work and study in an environment that is safe and free from discrimination, harassment, and violence of any kind. It does not tolerate behaviour that undermines that environment. This includes virtual environments and platforms.

If you are experiencing harassment, discrimination, fraud, theft or any other issue and would like to get confidential advice, please contact any of these campus services:

- [Office of Safe Disclosure & Human Rights](#): *A safe, neutral and confidential space to disclose concerns about how the University of Alberta policies, procedures or ethical standards are being applied. They provide strategic advice and referral on matters such as discrimination, harassment, duty to accommodate and wrong-doings. Disclosures can be made in person or online using the [Online Reporting Tool](#).*
- [University of Alberta Protective Services](#): *Peace officers dedicated to ensuring the safety and security of U of A campuses and community. Staff or students can contact UAPS to make a report if they feel unsafe, threatened, or targeted on campus or by another member of the university community.*
- [Office of the Student Ombuds](#): *A confidential and free service that strives to ensure that university processes related to students operate as fairly as possible. They offer information, advice, and support to students, faculty, and staff as they deal with academic, discipline, interpersonal, and financial issues related to student programs.*
- [Office of Student Success and Experience](#): *They can assist students in navigating services to ensure they receive appropriate and timely resources. For students who are unsure of the support they may need, are concerned about how to access services on campus, or feel like they may need interim support while they wait to access a service, this office is there to help.*

Course Outlines:

Policy about course outlines can be found in the [Academic Regulations, Evaluation Procedures and Grading section](#) of the University Calendar.

Disclaimer:

Any typographical errors in this syllabus are subject to change and will be announced in class and/or posted on the course website. The date of final examinations is set by the Registrar and takes precedence over the final examination date reported in the syllabus.

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Course Schedule & Assigned Readings

Week	Date	Topic	Deadlines (all due at 23:59:59)	Readings
0	Mon, Jan 5	Course overview Discussion about what is reinf. learning		
0	Wed, Jan 7	Background review: Probability, statistics, linear algebra, and calculus		
1	Fri, Jan 9	Fundamentals of RL: An introduction to sequential decision-making		Chapter 2, up to §2.7 (pp. 25-36), and §2.10 (pp. 42-44)
1	Mon, Jan 12	Fundamentals of RL: An introduction to sequential decision-making	Practice quiz and Progr. assignment (Bandits & exploration / exploitation)	
2	Wed, Jan 14	Fundamentals of RL: Markov decision processes (MDPs)		Chapter 3, up to §3.3 (pp. 47-56)
2	Fri, Jan 16	Fundamentals of RL: Markov decision processes (MDPs)	Practice quiz (MDPs)	
3	Mon, Jan 19	Fundamentals of RL: Value functions & Bellman equations		Chapter 3, §3.5-§3.8 (pp. 58-69)
3	Wed, Jan 21	Fundamentals of RL: Value functions & Bellman equations		
3	Fri, Jan 23	Fundamentals of RL: Value functions & Bellman equations	Practice and Graded quiz (Value functions & Bellman equations)	
4	Mon, Jan 26	Fundamentals of RL: Dynamic programming		Chapter 4, §4.1-§4.4 (pp. 73-84); §4.6-§4.7 (pp. 86-89)
4	Wed, Jan 28	Fundamentals of RL: Dynamic programming	Practice quiz and Progr. assignment (Optimal policies with dyn. progr.)	
	Fri, Jan 30	Midterm exam 1		
5	Mon, Feb 2	Sample-based learning methods: MC methods for Prediction & Control		Chapter 5, up to §5.5 (pp. 91-108); §5.10 (pp. 115-116)

5	Wed, Feb 4	Sample-based learning methods: MC methods for Prediction & Control		
5	Fri, Feb 6	Sample-based learning methods: MC methods for Prediction & Control	Graded quiz (Off-policy Monte Carlo)	
6	Mon, Feb 9	Sample-based learning methods: TD learning for prediction		Chapter 6, up to §6.3 (pp. 119-128)
6	Wed, Feb 11	Sample-based learning methods: TD learning for prediction		
6	Fri, Feb 13	Sample-based learning methods: TD learning for prediction	Practice quiz & Progr. assignment (Policy evaluation with TD learning)	
Mon, Feb 16		Statutory Provincial holiday		
Feb 17 - Feb 20		Reading week		
7	Mon, Feb 23	Sample-based learning methods: TD learning for control		Chapter 6, §6.4-§6.6 (pp. 129-134); §6.10 (p. 138)
7	Wed, Feb 25	Sample-based learning methods: TD learning for control	Practice quiz & Progr. assignment (Q-learning & Expected Sarsa)	
8	Fri, Feb 27	Sample-based learning methods: Planning, learning, & acting		Chapter 8, up to §8.3 (pp. 159-168); §8.12-§8.13 (pp. 210-191)
8	Mon, Mar 2	Sample-based learning methods: Planning, learning, & acting	Practice quiz & Progr. assignment (Dyna-Q & Dyna-Q+)	
	Wed, Mar 4	Midterm exam 2		
9	Fri, Mar 6	Prediction and Control with FA: On-policy prediction with approx.		Chapter 9, up to §9.4 (pp. 197-209)
9	Mon, Mar 9	Prediction and Control with FA: On-policy prediction with approx.		
9	Wed, Mar 11	Prediction and Control with FA: On-policy prediction with approx.	Practice quiz & Progr. assignment (Semi-gradient TD(0) with state aggregation)	

10	Fri, Mar 13	Prediction and Control with FA: Constructing features for prediction		Chapter 9, §9.5 up to §9.7 (pp. 210-228) and §9.12 (pp. 236-237)
10	Mon, Mar 16	Prediction and Control with FA: Constructing features for prediction		
10	Wed, Mar 18	Prediction and Control with FA: Constructing features for prediction	Practice quiz & Progr. assignment (Semi-gradient TD with a neural network)	
11	Fri, Mar 20	Prediction and Control with FA: Control with approximation		Chapter 10, up to §10.1 (pp. 243-248); §10.3 (pp. 249-252), §10.6 (p. 256)
11	Mon, Mar 23	Prediction and Control with FA: Control with approximation		
11	Wed, Mar 25	Prediction and Control with FA: Control with approximation	Practice quiz & Progr. assignment (Function approximation & control)	
12	Fri, Mar 27	Prediction and Control with FA: Policy gradient		Chapter 13 (pp. 321-338)
12	Mon, Mar 30	Prediction and Control with FA: Policy gradient		
12	Wed, Apr 1	Prediction and Control with FA: Policy gradient	Practice quiz & Progr. assignment: Average Reward Softmax Actor-Critic using Tile-coding	
Fri, Apr 3		Good Friday		
Mon, Apr 6		Easter Monday		
13	Wed, Apr 8	General Overview and Q&A		
13	Fri, Apr 10	<i>Tentative:</i> Guest Lecture		
Thu, Apr 16 at 01:00		Final exam (Students must verify this date on BearTracks when it is posted)		