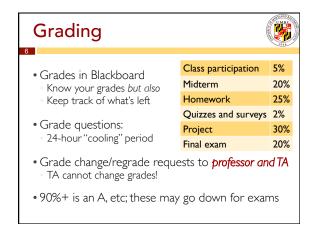


Classroom Policies

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- Be courteous to classmates and instructors.
- No devices in use except when specified.
 http://tiny.cc/devices-in-class
- No food or drink in this classroom.
 Water is fine.



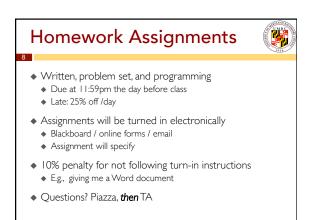


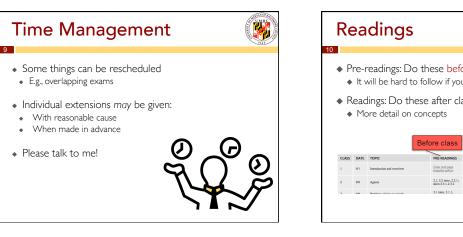
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Participation



- Attend class.
- Speak up!
- Answer questions
- Ask questions
- Tell us your thoughts
- There are lots of opportunities to talk here!
- Be active on Piazza.
- Ask and answer questions
- Post links to interesting material





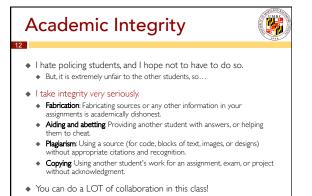
Pre-readings: Do these before that class It will be hard to follow if you don't Readings: Do these after class More detail on concepts

Academic Integrity

- Instructor's responsibilities:
 - Be respectful
 - ♦ Be fair

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- Be available
- Tell students what they need to know, how they will be graded, and what happens if things go wrong
- Students' responsibilities:
 - Know what is and is not academic dishonesty.
 - Be respectful
 - Do not cheat, plagiarize, or lie, or help anyone else do so
 - Do not interfere with other students' academic activities



Academic Integrity, UMBC 🛞

"By enrolling in this course, each student assumes the responsibilities of an active participant in UMBC's scholarly community, in which everyone's academic work and behavior are held to the highest standards of honesty. **Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong.** Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal."

[Statement adopted by UMBC's Undergraduate Council and Provost's Office]

Plagiarism 14 A Representing someone else's work as your own – in writing, code, or any other artifact – is plagiarism. What if the reference is in the bibliography? If you didn't explicitly quote the text, ju used and cite the source where you used the text, it is plagiarism. What if I only use some of the words? Scattering some of your own words and rephrasing isn't enough. If the ideas are not restated entirely in your own words, it is plagiarism.

Plagiarism: More Examples 🞇

 The introduction and background material are borrowed; all of the research is original.

 If somebody else's words appear in any document that you claim is written by you, it is plagiarism.

- It was a draft or not an official assignment
 If you represented somebody else's words as your own, even in an informal context, it is plagiarism.
- "But the professor told me to use that source!"
 Unless you are explicitly told to copy a quote from a source, you must write your answers in your own words.
 - If it is not cited properly, it is plagiarism.

Integrity: Abetting For the provided Helping someone to cheat, falsify, or plagiarize will result in you receiving the same penalty. For this includes putting someone's name on something when they didn't work on it. This is just everyone on our team'' is wrong.

- Know what your project partners are doing.
 Their cheating can hurt you.
- This is the most common and most distressing source of academic integrity problems.
 - Don't do this to your friends.

Integrity and Teamwork



- ◆ 50% of your grade in this class involves teamwork.
- How can teamwork be unethical?
 - Not sharing the workload evenly

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- Not contributing to the group
- Misrepresenting the source of your work to the team
- Misrepresenting who did what
- Working together on individual assignments
- Falsely claiming someone contributed to the group.

Integrity: Penalties



Penalties depend on the offense and whether it recurs

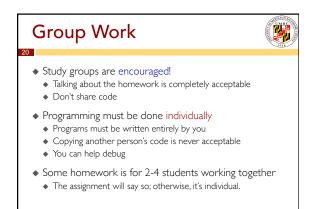
The minimum penalties are:

- Receiving a zero on the complete assignment
- Being required to redo the assignment, without credit, in order to pass the class
- Additional penalties may include:
- Receiving a full grade reduction in the class
- Failing the class without possibility of dropping it
- ${\ensuremath{\bullet}}$ Suspension or expulsion from the program or university

Integrity: What To Do

- You can **always** bring it to me
- Cheating off of you / in your group / etc:
 You may talk to them about it
 - Unless it's fully reversible, you are abetting unless you report it
- You do not have to talk to anyone but me

Summary! Don't cheat; don't risk it; don't make me handle a cheating case.



Communication

- Post all questions to Piazza (unless it violates integrity)
 We will try to respond to Piazza posts immediately
- Email takes 24-48 hours
 Always send email to professor and TA
 Piazza, then TA, then prof + TA
- ♦ Office hours
- I will remain after class when I can

27 Provide an overview of big problems in robotics Understand the elements of a robot system Get hands-on experience with robot software, hardware, and problem-solving Understand what robots can do now, could do better; and will be doing in future

Teamwork

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UMBC

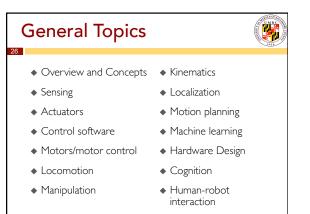
- Projects will be done in teams of 3-4
- Teams will be assigned based on skills and interests
 Survey posted to Piazza
- Teams will:
 - Meet regularly
 - Do in-class and out-of-class group assignments
 - Share effort on project elements reasonably

Attend class regularly

- Attend class regularly
 - If you will miss class for a good reason (work commitment, religious holiday, serious illness), drop me an email in advance
 - Counterpoint: don't come to class sick.
- Complete the assigned reading before class
 - Class participation is hard otherwise
- Participate actively in class discussions
 Let other people participate, and listen attentively
 - Ask questions!
 - Ask questions:
 Bead and a set 1 11 1
 - Read and post to the forum

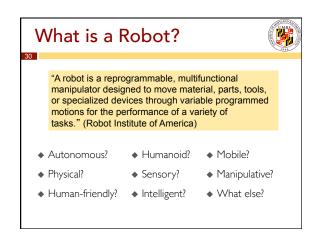
What's This Class Like?

- Much like my Al, HRI, and ethics classes
- ♦ So ask around!
- ◆ It is not an *easy* class.
- We cover a lot of material robotics is a big topic
- You'll need to put in the time and keep up
 If you're taking a heavy load, don't expect this to be the "easy" one
- ◆ It is (mostly) a *fun* class













What *Should* They Do?



- Robots are moving away from factory floors to...
 Entertainment, toys
 - Homes (personal robotics)
 - Medical, surgery
 - Industrial automation (mining, harvesting, warehouses, ...)
 - + Hazardous environments (space, underwater, battlefields, ...)
 - Roads
- Research Trends
 - Manipulation of everyday objects
 - Complex household tasks
 - Object recognition, mapping, interaction
 - Human robot interaction









