Course Instructional Team

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Mental Health and Well-Being at the University of Michigan

Course Instructional Team

Faculty Instructor:
Jackie Cohen (Lecturer III) | jczetta@umich.edu | Pronouns: she/her/hers

Graduate Student Mentor (GSM):
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Wilson Parson (MSI student) | Pronouns: he/him/his
Sonakshi Watel (MSI student) | Pronouns: she/her/hers
Jie-Wei Wu (MSI student) | Pronouns: she/her/hers

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Stephanie Schouman | Pronouns: she/her/hers
Sara Ramaswamy | Pronouns: she/her/hers
Tahmeed Tureen | Pronouns: he/him/his
To reach the whole team by email:
SI506F17instructors@umich.edu

Sections & Office Hours

Individual office hours with Jackie (for personal concerns, small/related questions, talking through things):
By appointment. @ my office, North Quad 3369
Please email jczetta+SI506@umich.edu to set up an appointment.

Group office hours & locations, staffed by various of the instructional staff:
May be added to and/or changed as time goes on. Changes will be announced.

- Sunday 1 pm - 3 pm North Quad 2185
- Monday 2 pm - 4 pm North Quad 1265
- Friday 11:30 - 1 pm North Quad 2185
AND
- Structured Homework Support office hours:
  Tuesdays 11:30 am - 1:00 pm, North Quad 2255

Course Sections

NOTE: Please attend only the specific section you are registered for. We have too many people in this class to allow for moving around. (Note that multiple sections overlap with one another in time, in different rooms.)

NOTE that these are listed in order of section number, NOT day/time.
002 - Tuesday 5:30 - 7:00 PM - 2185 North Quad - Isabel Gao
003 - Tuesday 7:00 - 8:30 PM - 2185 North Quad - Isabel Gao
004 - Wednesday 8:30 - 10:00 AM - 2185 North Quad - Sonakshi Watel
005 - Wednesday 10:00 - 11:30 AM - 2185 North Quad - Jie-Wei Wu
006 - Wednesday 4:00 - 5:30 PM - 2245 North Quad - Sonakshi Watel
007 - Wednesday 4:00 - 5:30 PM - 1265 North Quad - Wilson Parson
008 - Wednesday 9:00 - 10:30 AM - 2245 North Quad - Megh Marathe
009 - Wednesday 2:30 PM - 4:00 PM - 2185 North Quad - Jie-Wei Wu
About this Course

This course (this semester) is designed for students with little or no programming experience. There are no official prerequisites. SI 506 is a prerequisite for SI 507, and for many other courses in the MSI/MIH program(s).

We start at the beginning, but go very quickly in the first couple of weeks. If you stick with the course and invest the necessary time, you will be amazed at how much you will learn in 13 weeks. Don’t be intimidated by the few students who already know how to program well. Some students who have previously taken a more advanced programming course but didn’t feel they mastered the concepts do take this course. But they are likely to have an easier time than those who have never programmed before. When a similar course has been offered to undergrads, every semester there are students who have never programmed before who earn A or even A+ grades in the course, and also students who learn an enormous amount who do earn C+ or B- in the course, for example. What is a success for you depends entirely on how you feel. My primary goal is that you learn from this course and leave it better able to manipulate Python programs and data using Python, read and understand others’ Python code, and write your own code, than you were when you began it. This is useful regardless of the career paths you may choose after this course, and will help you with problem-solving processes that go far beyond Python programming, or any computer programming.

The median grade for undergrads in the analogous course has historically been a low to high B, but this is only the third time this course has been offered to graduate students, and this semester is quite different with respect to enrollment and other factors, so we do not have much data. With the data we have, the median grade for graduate students in this course has been a high B or a low (point-wise) A each semester. This is, however, by far the largest this course has ever been.

There is no curve in this course. Everyone can earn an A+ (although that is extremely unlikely, because doing so is very difficult, even if you understand everything completely. Everybody makes mistakes/has long days/etc).

Computer science majors who want to learn Python are discouraged from taking this course. If you were a CS major, you can probably learn Python pretty quickly on your own without taking this course. You should speak to academic advising staff about waiving the course.

The instructional staff is committed to helping every student get to the point where they are comfortable writing computer programs. It’s an exciting and powerful place to be. Some concepts will definitely take some time to sink in. Different things are intuitive in different ways for different people. Throughout the process, the assignments are the best way to track your progress through the material. If the problem sets are difficult for you, we encourage you to go
back and do the previous week's a second time without looking at your previous answers—it will go much faster, build your confidence, and prepare you to handle the next week's assignment.

Often the biggest problem students encounter in this course is trying to solve problem sets entirely by trial and error. You can be moderately successful early in the course without fully understanding what you've done, but that will provide you a poor foundation for later on. Especially early in the course, don’t settle for just getting by; stick with things until you feel like you’ve mastered them. We will focus on what code does, on understanding it rigorously.

Cramming does not work well when dealing with the material in this course.

**Everything builds on the previous material**, and it should make sense by the third or fourth time you’ve seen it, even if it doesn’t come to you immediately. If you try to learn it all at once, you are unlikely to succeed. The course is structured so as to force you to engage with the material multiple times every week. Challenging yourself with the readings and the concepts is important; practice is necessary. You should expect to spend a substantial amount of time outside of class thinking about and working on these things – we have provided a lot of outside-class support, asynchronously (on Piazza) as well as in office hours and section times. You should take advantage of these as much as you feel you need. If you are struggling with figuring out how to study, what way of learning works for you, how to approach or begin problems in this course, communicate with your instructors right away -- don't wait until you feel you've fallen far behind. That's what we're here for.

Good luck and welcome aboard!

**Graded Assignments in this Course**

- **Readings and Demonstrate Understanding (DYU)s:**
  - There will be reading assigned to go with each lecture. Along with the reading, there will be a "Demonstrate Your Understanding", or "DYU", assignment, which is a short explanatory answer to a question about the material you read this week. You are expected to complete the readings before each lecture, but the Demonstrate Understanding assignment for each week is due on each Sunday at 11:59 pm, and it may touch upon either or both of the sessions that week.
  - **Each DYU is worth 100 points.** There will be at least 11 over the course of the semester, so you can miss one with no penalty. There is a max of 1000 points for DYUs. They are not accepted late. But they are not many points each, either! Please don't ask for more free misses than are available to everyone. Without keeping up with readings and DYUs, it will be very difficult to complete the other work in the course.
- **Your GSI will grade your DYUs.** Each time, as long as you have submitted the
  DYU on time, your GSI will either give you full credit, or point out an error or
  problem with your explanation and ask you a question about it. You can answer
  that question for another chance for full credit, until a week after your original
  submission (the time the next DYU is due). If you have not responded to your
  GSI's comments by then, the assignment will close.

- **Readings are one of the most important parts of this course. You are
  expected to have completed the relevant reading when you come to lecture**
  – if you have not done so, class will be difficult to understand and difficult to
  engage with. Lecture is a place to dive deeper into concepts, look at other ways
  of understanding them, and break open your questions. The readings almost
  entirely occur in an interactive textbook, and you should try all of the activities
  that go along with the reading. Answer the multiple choice questions, run the
  code windows. This will help you learn enormously, and it will also help us gauge
  how to structure the class to best help you learn.

- **Problem Sets**
  - **The majority of points in this class come from Problem Sets,** which will each
    be a number of programming problems.
  - **Each Problem Set is worth 1000 points.** There will be a problem set pretty
    much every week. They are due at 11:59 PM on Sundays.
    - You should not expect to do these in one night, though they are likely to
      get easier with practice. Take a look at the week's problem set on Sunday
      or Monday, to get an idea of what you'll need to understand!
    - You can generally expect grades returned within a week of submission,
      but it may take us a bit longer for challenging problem sets due to the
      large number of students in this course.
  - Your problem sets are graded by a rubric, and everyone's is graded in the exact
    same way. See: [Grading in this Course](#) and [Communication in this Course](#)
    for more on grades and discussing grades.
  - See [Extensions and Late Policies](#) for information about how late submissions
    work for problem sets.
  - The first four problem sets will be done in the course's interactive textbook, which
    you will learn about in class. After that, they will be submitted on Canvas.

- **In-Class Midterm Exam**
  - There is an in-class midterm exam, on paper. You can bring an 8.5x11 sheet of
    paper to the exam with anything you want written or typed on it, on 2 sides. No
    other notes, no computer or internet access.
  - The midterm exam is worth 3000 points – *much* less than the problem sets
    altogether, and less than the final project. We will provide tips for studying, but
    my overall suggestion is to focus on the readings and understanding why you
    write the code you write on the problem sets, and you'll be OK.
• This exam is **IN CLASS**. You are not expected to need to miss it. You should be sure you will be in class that day. Put it on your calendar. (See **Course Schedule** below.)
  - If you have test accommodations for extended time that will absolutely not work for the class time period, or another unavoidable conflict, you should contact Jackie **right now, the first week of September**. No, seriously.
• Not everyone is happy with or "good at" exams. That's okay! There are reasons supported by research why we continue to have a paper exam in this course, though we understand it can be frustrating.
• I also suggest you practice writing code as you think about it with pen and paper, or on a dry-erase board, regardless of the exam.
• There will be a second-chance midterm offered in this course a couple weeks after the midterm, in an evening, which you may take only if you received below 90% on the first midterm. (You may still bring a notes sheet.) Because it is an advantage to have taken a midterm already that covers the same concepts, those who choose to take the second chance midterm will receive 90% of the raw score they get. (So if you get 2100/3000 points on the first midterm, and 2600 points out of 3000 on the second chance midterm, you will get a 2340/3000 as a recorded midterm score.) You cannot lose points by taking the 2nd chance midterm. We will record the best of two scores. The date and time of the 2nd chance midterm will be announced within some weeks of the semester start.

**Final Project**
- The final project is due at the end of the semester (see syllabus). It is worth 4000 points, although some of those points will come from structured, required, assignments e.g. a Final Project Plan, to help you progress on the project. We'll have some direction and requirements for the final project, but you will also have an opportunity to be creative. These specifications will be released after the midterm.
- (There is no final exam.)

**Discussion Section Attendance**
- Discussion Sections are generally time to emphasize concepts from lecture and introduce small new concepts that we don't have time to go into detail about in such a large group as lecture. You will work on problem solving activities, individual and in groups, and talk about code and problem solving. Most of the time, you will not submit work, but this may vary. Each Discussion Section is led by a GSI.
- **Discussion Section Attendance counts for points.** Each session is worth 100 points, and there is a maximum score of 1000. You can miss up to 2 discussion sections with no penalty (there will also be at least one week in the semester where discussion section is cancelled or optional). In general, please don't ask for more free misses than are available to everyone.
- You can waive discussion section by completing the problem set for the week in advance of your section. Yes – they're pretty early in the week, Tuesday and Wednesday, so I do not expect this to happen often.
- In order to waive a discussion section (not attend and yet still receive the points), you must complete that week’s problem set, submit it, and then go to the Discussion Section Attendance assignment for that week on Canvas and input text "I am waiving section on <weekday> <the date>, because I have completed <the problem set, e.g. Problem Set 3>". You can find these in the Assignments > Discussion Section Attendance > Section Week # (e.g. Section Week 3).
- Waiving a section means your problem set must be done before your discussion section. We strongly encourage attending discussion -- especially, helping your fellow students during discussion section if you feel you have a solid understanding of the concepts! But we've provided this waiving opportunity just in case you find it useful.
- You are expected to be on time and act respectfully toward your GSI and your fellow students in discussion section in order for your attendance to be counted.

### Course Schedule

Lectures are Tuesdays and Thursdays, 4-5:30 PM, Weiser 182. We begin promptly on Michigan time (4:10).

Topics listed here are subject to change. Unless there is a very significant change, small edits made to future topics in lecture may not be announced. All significant changes will be announced via Canvas.

<table>
<thead>
<tr>
<th>Lec #</th>
<th>Date</th>
<th>Topics</th>
<th>Notes</th>
<th>What's due?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9/5</td>
<td>Class intro, course expectations, (re) introduction to formal language, Python 2 vs 3</td>
<td>Sections ARE being held this week.</td>
<td>Nothing due first day of class.</td>
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<td>2</td>
<td>9/7</td>
<td>Expressions, variables, data types, print statements,</td>
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<tr>
<td>3</td>
<td>9/12</td>
<td>Evaluating code, input, function calls</td>
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<td>4</td>
<td>9/14</td>
<td>Sequences and operations on sequences, introduction to complex</td>
<td>PS1 due Sunday 9/17.</td>
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<td>Date</td>
<td>Description</td>
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<td>5</td>
<td>9/19</td>
<td>Accumulation pattern, Introduction to reading files, file methods.</td>
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<td>6</td>
<td>9/21</td>
<td>More accumulation patterns. Conditionals and files.</td>
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<td>Rosh Hashanah</td>
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<td>PS2 due Sunday 9/24.</td>
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<td>7</td>
<td>9/26</td>
<td>Dictionaries. Indefinite iteration. Introduction to function definition.</td>
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<tr>
<td>8</td>
<td>9/28</td>
<td>Dictionary accumulation. Defining and calling functions.</td>
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<td>PS3 due Sunday 10/1.</td>
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<td>9</td>
<td>10/3</td>
<td>More on defining functions.</td>
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<td>Unix and command prompt, computer filesystem. Python native installation.</td>
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<td>10</td>
<td>10/5</td>
<td>Advanced functions: optional/keyword function arguments, lambda expressions / anonymous functions. Introduction to tuples.</td>
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<td>Intro to sorting in Python. More on advanced functions and function problem solving.</td>
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<td>PS4 due Sunday 10/8.</td>
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<td>11</td>
<td>10/10</td>
<td>Unix Problems due 10/18 at 11:59 PM, after Fall Break.</td>
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<td>Date</td>
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<td>12</td>
<td>10/12</td>
<td><strong>IN-CLASS MIDTERM</strong></td>
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<td>13</td>
<td>10/17</td>
<td><strong>NO CLASS - FALL BREAK</strong></td>
<td>What we'll do w/ Wednesday section times is TBD.</td>
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<tr>
<td>14</td>
<td>10/19</td>
<td>Introduction to nested data: Understand, Extract, repeat.</td>
<td>Retake Midterm this week (date TBD), for 90% of raw score.</td>
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<td>WRiting and reading files</td>
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<td></td>
<td>Writing and reading files.</td>
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<td>File formats (JSON).</td>
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<td>Module imports.</td>
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<td>Debugging strategies and solving complex problems.</td>
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<td>15</td>
<td>10/24</td>
<td>More file formats.</td>
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<td>Exceptions. pip installer.</td>
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<td>Pattern of saving and caching data.</td>
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<td>Introduction to data on the internet.</td>
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<td>16</td>
<td>10/26</td>
<td>The requests module, REST APIs, caching data from the internet.</td>
<td>PS6 due Sunday 10/29.</td>
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<tr>
<td>17</td>
<td>10/31</td>
<td>API documentation, review of nested data and nested iteration.</td>
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<td>More on caching data and debugging with REST APIs.</td>
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<td>18</td>
<td>11/2</td>
<td>Classes and instances.</td>
<td>PS7 due Sunday 11/5.</td>
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<td>19</td>
<td>11/7</td>
<td>Classes and instances with data. Facebook API.</td>
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<td>More APIs and caching pattern(s).</td>
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<td>20</td>
<td>11/9</td>
<td>Testing, unit tests.</td>
<td>PS8 due Sunday 11/12.</td>
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<td>Week</td>
<td>Date</td>
<td>Topic</td>
<td>Notes</td>
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<td>21</td>
<td>11/14</td>
<td>Advanced accumulation. Review of classes and instances.</td>
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<tr>
<td>22</td>
<td>11/16</td>
<td>OAuth and web APIs. Twitter API code. API libraries. TBD.</td>
<td>PS9 due Sunday 11/19.</td>
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<tr>
<td>23</td>
<td>11/21</td>
<td>Solving complex problems with data from the internet. Complex debugging review.</td>
<td>Sections before Wednesday 5 PM - TBD</td>
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<tr>
<td>25</td>
<td>11/30</td>
<td>TBD. Project work.</td>
<td>Final project plan due 11/30. (May change.)</td>
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<tr>
<td>26</td>
<td>12/5</td>
<td>Last lecture &amp; lead-up to SI 507.</td>
<td>Revised final project plan: TBD.</td>
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<td></td>
<td>12/15</td>
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<td>Final project due</td>
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</table>

**Grading in this Course**

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Total Points</th>
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<tbody>
<tr>
<td>Problem Set</td>
<td>Approx 9000</td>
</tr>
<tr>
<td>Demonstrate Your Understanding Assignments (Questions related to reading/class material)</td>
<td>1000</td>
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<tr>
<td>Discussion Attendance</td>
<td>1000</td>
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<tr>
<td>Midterm Exam</td>
<td>3000</td>
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<tr>
<td>Final Project</td>
<td>4000</td>
</tr>
<tr>
<td>Approximate Total Points Possible</td>
<td>18,000</td>
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</tbody>
</table>

- Lecture attendance is not graded but is expected and will be very useful for you.
- Piazza contributions are not required but are expected and will be very useful for you.
- You are expected to contribute to course meetings in the way that you need, either aloud or on Piazza or both.
- We strongly suggest making yourself available for office hours when you are able. However, they are not required, only recommended if you find they are what you need.

All point amounts are subject to change with several days’ warning during the semester. Change is unlikely, but possible under necessary circumstances.

All grades will ultimately appear on Canvas, though your first 4 problem set grade details will appear in the interactive textbook, which you can access through Canvas. You earn points, they’re not subtracted. Everyone begins with 0.

All grades are applied to assignments with rubrics that will apply to every student in exactly the same way.

For asking further or specific questions about grades, see the section on Communication in this Course.

Final letter grades will be assigned by percentage:

<table>
<thead>
<tr>
<th>Percent Threshold</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>52</td>
<td>D</td>
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<tr>
<td>63</td>
<td>C-</td>
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<td>67</td>
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<td>74</td>
<td>C+</td>
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<td>77</td>
<td>B-</td>
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<td>82</td>
<td>B</td>
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<td>89</td>
<td>A-</td>
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<tr>
<td>99</td>
<td>A+</td>
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</tbody>
</table>

**A Note on Grading:**
Yes, I am aware that an A+ grade *may* count for your GPA for students enrolled in the Ross School of Business.

For everyone, A+ final grades will occur only for 99% or 100% scores, and everyone's percentage is calculated in exactly the same way. That score is *extremely difficult* to get, even if you understand everything perfectly. There are very many ways to do extremely well in this course without that unusual score, and many achievements available in this course that are ultimately more important. Please don't ask for additional points to bump you up a grade, no matter how much you want them. *Everyone* is 2 points below whatever score they would get if they had 2 more points, etc. If you understand the material/are working to understand the material, you should be proud.

If you have a concern about a grade on any assignment, believe we've missed something and want us to check, or you want a grade explanation or re-grade, you're welcome to that: please see the **Communication in this Course** section in this syllabus for how to go about that.

**Late Assignments, Missed Attendance, & Extensions**

Any homework / project may be submitted up to 4 days late, at a deduction of 10% of your grade per day of late submission.
We reserve the right to change this with advance notice (e.g. if we will use the solution to an assignment in an upcoming lecture that is less than 4 days away). We will let you know about this with as much notice as possible.

Canvas will show you when your assignment is late – it's any time after the deadline! Yes, even ten minutes. Gotta draw the line somewhere. It's good training for absolute software deadlines, should those be things you encounter in your future. (We will calculate how many days late it is. You can do that, too, of course.) After four days, we will no longer accept it.

(However, you should *not* expect a grade on a late assignment in the same timely manner as an assignment submitted on time. We will go back and grade late assignments at a few specific intervals during the semester.)
You have 3 free late days during the semester. When you use a late day, you are getting 1 day in which you can turn in an assignment late without the 10% penalty that day. You can use one by submitting an assignment late and submitting to the Late Days assignment. Once you have used up all 3, you have no more free late days to submit assignments. As noted above, it is possible we will “turn off” late days for an assignment, e.g. because we will be using a solution in lecture. If so, we will announce this ahead of the assignment deadline.

You can miss up to 2 discussion sections without penalty. In general, please don't ask for more than are automatically available to everyone.

Other assignments (e.g. DYUs) may not be submitted late. They are also for very small amounts of points each, so no need for much concern. There will be at least one extra DYU available at the end of the semester to make up for one you missed along the way.

Extensions and Excused Absences

Extensions and excused absences may be granted for extreme personal circumstances only. This may be: serious illness/injury/health/concern that prevents you from doing work for extended time, family/loved ones' illness/injury/health/concern, major/sudden events e.g. funerals, or other personal extreme circumstances. Of course, health includes mental health as well as physical health.

If such a thing occurs and you believe you need an extension, ask Jackie via email for the extension as early as possible and you will receive a response as soon as possible.

The free misses available are there for things like having a job interview or extracurricular event that overlaps with a class meeting, feeling tired, going on vacation early, etc. Please don't ask for excused absences for those.

Extensions and excused absences will not be granted for any event that you could plan for now. Any major personal event that has advance planning (birthdays, weddings, graduations, for example) or vacations that do not align with the university's holiday schedule (available here) are things you should plan for in advance. Extensions will not be granted for job interviews or conference travel, even though we're happy you get to experience those.

Look ahead at the course schedule now. If you see a real conflict, you should tell Jackie before the second week of class so you can make a plan ahead of time. But if, for example, you know you will be celebrating a birthday one weekend, you should just plan to get started on your work ahead of time that week; we will not offer an extension, essentially because we cannot reasonably do that for everyone.
Religious holidays you observe that do not accord with the university’s holiday schedule ARE, per university policy, always excused absences. If a holiday will take you away from class, please speak with Jackie and/or your GSI in advance, to find a time to make up for any content you miss. We will work with you to arrange an alternative, e.g. going to a different discussion section than usual.

For other accommodations you need to take this course, please see the section on Accommodations and Services for Students.

Communication in this Course

For questions about material in the course, including general HW confusions, you should post on the Piazza site, which you can access via the Canvas site (you can also log in through Piazza directly after you have enrolled in our 'Piazza class' by clicking a link in an email or doing so on the Canvas site).

Anyone may answer/respond to questions on the Piazza site, which will be moderated by course instructors. Specific answers to questions may not be posted on the Piazza site. Instructors will monitor this site to answer questions that your fellow students cannot/don't answer, to encourage continued discussion, and to provide additional explanations. We also encourage reading through the Piazza site semi-frequently; others questions and answers may be extremely helpful for you!

For questions or concerns about grades/scores (“when will my HW5 be graded?” “I think I got an incorrect score on HW2, problem 3”, etc), please submit to this google form, also linked on the Canvas site. We will address those questions by responding to you via email, as soon as possible, but perhaps not immediately.

General questions, desire for explanations, etc, please redirect to Piazza, and try to attend a meeting of group office hours!

Our staff are all pretty busy and unfortunately cannot guarantee individual meetings for every student. If you believe circumstances warrant an individual meeting with a GSI, email to the team email is the best way to request one.

For private questions, e.g. questions about extensions or personal circumstances, but NOT about regrades, please email the course email list: SI506F17instructors@umich.edu. That will reach all of the course instructional team. We all need to stay aware of course policies and communication, and the group email helps us do that.
Please do not ask an individual instructor about changing your grade(s). We make grading decisions as a team to ensure that everyone's grades are addressed in the same way.

If you are uncomfortable sending an email to the entire instructional team for personal reasons, contact Jackie directly via email: jczetta@umich.edu.

Our (instructors') communication with all of you will occur via Canvas announcement (or in class/office hours, of course). You should make sure your Canvas settings are set up so that you will receive email from Canvas announcements. You will be expected to have received information sent in Canvas announcements. (The default Canvas settings will have you getting that email, but if you turned Canvas emails off, make sure you turn 'em back on or ask someone to figure out how to do so.)

All assignments, from expected readings to homework, reading response topics, etc, will be available on the Canvas site (with the exception of lecture exercises, which will occur during lecture). All grades will be available on the Canvas site. We will try our best to grade assignments as quickly as possible.

If you email any instructor(s)/the instructor email list, we can not guarantee that you will get an email back within 48 hours, but we will try our best to do so. If you do not hear and you contacted by email, please be patient. We won't lose email.

Learning Objectives of this Course

- To gain competency in a number of Python programming skills
- To gain competency in debugging simple and intermediate Python programs and build a set of problem-solving skills for working with symbolic systems and programmatic concepts
- To build a personal problem-solving toolset for code and technology projects
- To be comfortable writing and analyzing small - medium size programs (up to ~800 lines of code, <= 3 files, multiple external Python libraries) that deal with object-oriented programming, complex Python tools, and accessing and processing data from the internet

Academic Integrity & Collaboration in this Course

All assignments in this course must be turned in individually. However, we strongly encourage helping one another, asking and answering questions, and walking through your thought processes.

The restrictions on that are as follows:
• If you get help from someone for writing your code, cite that specifically in your submission (in a comment in your program). You do not need to cite learning from lecture or section, or from your textbook(s) or instructors (unless you are citing collaboration with another student that occurs during lecture or section!). If you use another person's code directly, in class or from the internet, you must also cite that in a comment to your code indicating what you borrowed, and where/who from.

• If you give help to someone else, or work with others on HW, etc, do not type on their computer. Talk as much as you like, but everyone should get the experience of typing and completing problems in the way they normally do (e.g. it's not okay for a friend in the class to type your HW for you while you watch because they know how to do it already, nor for you to ask for someone's computer to just finish a problem because it's frustrating not knowing how to communicate what you're thinking about code. The challenge is worth it!).

• Posting code snippets on Piazza is great, and encouraged! Posting complete answers to HW problems is not acceptable.

• Study groups are welcomed and strongly encouraged, as is talking through any problems you encounter. However, if you feel you are either giving or receiving all/too many of the answers, it is probably time to break up the study group. Please contact Jackie confidentially if you have a problem like this and are having difficulty dealing with it on your own.

• Using answers provided directly from past semesters, if they are the same or similar to work this semester, is not acceptable. To use any past assignments from others as reference for your own is a serious breach of academic honesty and may result in serious consequences. Copying others' answers is very different from hearing an explanation from a fellow student or a past student, even if the explanation involves walking through little bits of code.

Any statements of phrases from the work of others, including code snippets, must be clearly identified as quotations, and proper citation must be provided. Unless otherwise specified, all submitted work must be your own, original work.

The format for citing code is as follows:
<author(s) names> (<date>) <title of program/source code> (<code version>) [<type>]. Web address or publisher.

e.g.
Smith, J (2011) GraphicsDrawer source code (Version 2.0) [Source code].
http://www.graphicsdrawer.com

However, for citing fellow classmates' code, it's OK to say in your assignment, in a code comment, e.g.
# I worked on this code lines 10-15 with Jie-Wei Wu.

In such a case, Jie-Wei should also comment her assignment about you!
(You do not need to cite working with a GSI or IA.)

Any violation of the School’s policy on Academic and Professional Integrity (stated in the Master’s and Doctoral Student Handbooks) will result in serious penalties, which might range from failing an assignment, to failing a course, to being expelled from the program. Violations of academic and professional integrity will be reported to UMSI Student Affairs. Consequences impacting assignment or course grades are determined by the faculty instructor; additional sanctions may be imposed by a school administrator.

**Accommodations and Services for Students**

If you need or believe you may need an accommodation, e.g. for a disability, please let the instructors know at your earliest convenience. Some aspects of this course, the assignments, the in-class activities, and the way we teach may be modified to facilitate your participation and progress. As soon as you make us aware of your needs, we can work with the Office of Services for Students with Disabilities (SSD Office) to help us determine appropriate accommodations. SSD (734-763-3000; [http://ssd.umich.edu/](http://ssd.umich.edu/)) typically recommends accommodations through a Verified Individualized Services and Accommodations (VISA) form. We will treat any information that you provide in as confidential a manner as possible.

Please make sure Jackie receives all notification about accommodations (e.g. test accommodations), and that your GSI receives all relevant information for your section.

If you have a concern along with or separate from the above that affects the process of class at large or for you, please approach or contact me (Jackie) confidentially. I will also treat any such shared information in as confidential a manner as possible and will do what I can to ensure you have what you need in this course and/or have the resources to find it.

**Mental Health and Well-Being at the University of Michigan**

The University of Michigan is committed to advancing the mental health and well-being of its students, while acknowledging that a variety of issues, such as strained relationships, increased anxiety, alcohol/drug problems, and depression, directly impacts students’ academic performance. We take this seriously.

If you or someone you know is feeling overwhelmed, depressed, and/or in need of support, services are available. For help, contact Counseling and Psychological Services (CAPS) at (734) 764-8312 and [https://caps.umich.edu/](https://caps.umich.edu/) during and after hours, on weekends and holidays or through its counselors physically located in schools on both North and Central Campus. You may also consult University Health Service (UHS) at (732) 764-8320 and [https://www.uhs.umich.edu/mentalhealthvcs](https://www.uhs.umich.edu/mentalhealthvcs), or for alcohol or drug concerns, see [www.uhs.umich.edu/aodresources](http://www.uhs.umich.edu/aodresources). For a more comprehensive listing of the broad range of mental health services available on campus, please visit: [http://umich.edu/~mhealth/](http://umich.edu/~mhealth/)
If you are seeking advice, answers to questions, or help accessing resources, you should contact the Student Services Office within UMSI, on the 3rd floor of the North Quad Academic Building. You can also contact them for support with academic or personal advising while in the program.