

Digital Logic and Computer Systems

EEL 3701

MWF, Period 7, 1:55 PM – 2:45 PM, WM 0100

T: Per 4, 10:40am-11:30am and R: Per 4-5, 10:40am-12:35pm, NEB 202

Fall 2019

Instructors:

Christophe Bobda
cbobda@ece.ufl.edu
 Phone 352 294 2024
 Mo/Fri: 4:00 – 5:00pm
 Larsen Hall 336A

Dr. Eric M. Schwartz
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 352-392-254
 Wed: 12:50pm, Fri 1:55pm
 MAEC 106

***THIS IS A TENTATIVE SYLLABUS SUBJECT TO CHANGE AT THE PROFESSOR'S DISCRETION**

Teaching Assistant/Peer Instructor:

You may go to any PI available (in NEB 248 if no lab; else NEB 222), not just the one teaching your lab section, as necessary, for help during their office hours. You are encouraged to use e-mail to communicate with the instructors and PIs.

PIs:

Name	Angela Cook (AC)	Kevin Lovell (KL)	Lysny Woodahl (LW)
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Name	Tomasz Wiercioch (TW)	Damien Bobrek (DB)	Gregory DeCanio (GD)
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Name	Mac Pierre (MP)	Marquez Jones (MJ)	Blake Shaffer (BS)
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Name	Jon Legaspi (JL)	Jaxon Brown (JB)	Camilo Chen (CC)
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Name	Daniel Faltemier (DF)	Oliver Su (OS)	
e-mail	dfaltemier@ufl.edu	oliversu102@gmail.com	

PI Lab Sections:

Monday			Tuesday			Wednesday			Thursday			Friday		
Sec	Start	PI	Sec	Start	PI	Sec	Start	PI	Sec	Start	PI	Sec	Start	PI
12344	9:35 AM		12313	9:35 AM		12345	9:35 AM		12481	9:35 AM		12346	9:35 AM	
			12480	11:45 AM										
12475	1:55 PM		12478	1:55 PM		12476	1:55 PM		12343	1:55 PM		12477	1:55 PM	
12316	4:05 PM		12312	4:05 PM		12474	4:05 PM		12479	4:05 PM		12311	4:05 PM	
12309	6:15 PM		12445	6:15 PM		12446	6:15 PM		12315	6:15 PM				
12444	8:20 PM		12310	8:20 PM		12314	8:20 PM		12447	8:20 PM				

PI Office Hours:

Periods	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1 7:25 AM-							

	8:15 AM							
2	8:30 AM– 9:20 AM							
3	9:35 AM– 10:25 AM							
4	10:40 AM – 11:30 AM							
5	11:45 AM – 12:35 PM							
6	12:50 PM – 1:40 PM							
7	1:55 PM– 2:45 PM							
8	3:00 PM– 3:50PAM							
9	4:05 PM– 4:55 PM							
10	5:10 PM– 6:00 PM							
11	6:15 PM– 7:05 PM							
E1	7:20 PM– 8:10 PM							
E2	8:20 PM– 9:10 PM							
E3	9:20 PM– 10:10 PM							

Course Description

EEL 3701C Digital Logic and Computer Systems, 4 Credits

Overview of logic design, algorithms, computer organization and assembly language programming and computer engineering technology. Laboratory.

Course Pre-Requisites / Co-Requisites

Recommended: Prior programming experience

Course Objectives

- To learn to: perform elementary manipulations of Boolean algebraic equations; simplify logic expressions; design combinational and sequential circuits; use a digital design and simulation package, use a hardware description language (HDL), analyze binary storage device behavior and applications. Also to study the fundamentals of microprocessor architecture, including assembly language programming, and to understand the design of a basic microprocessor.

Materials and Supply Fees

The *National Instruments (NI) Analog Discovery 2 (NAD) board* or *Digilent Analog Discovery 2 (DAD) board* is required for this course (and many other ECE courses). Board ordering information for the NAD can be found at <https://tinyurl.com/NAD-UF-f19> (for \$189, all inclusive) and the DAD-2 (for \$196.90, all inclusive) at <https://tinyurl.com/DAD-UF-f19>. If you are an EE student, I recommend that you buy the DAD-2 (from Digilent) and also buy the NI Multisim software (for analog circuit design and simulation, but **NOT** used in our course), available from for \$39.99 as an add on. According to the UF bookstore’s website, they have the NAD-2 available for \$225; this is mostly relevant if you want to use financial aid or want it right away.

Professional Component (ABET):

State the contribution of the course to meeting the professional components of the ABET-accredited degree.

Relation to Program Outcomes (ABET):

The table below is an example. Please consult with your department's ABET coordinator when filling this out.

Outcome	Coverage*
1. An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.	High
2. An ability to apply both analysis and synthesis in the engineering design process, resulting in designs that meet desired needs.	High
3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	High
4. An ability to communicate effectively with a range of audiences	
5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	
6. An ability to recognize the ongoing need for additional knowledge and locate, evaluate, integrate, and apply this knowledge appropriately.	
7. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty	

*Coverage is given as high, medium, or low. An empty box indicates that this outcome is not covered or assessed in the course.

Required Textbooks and Software

Share, Borrow, Buy, or Rent one of the below. See https://mil.ufl.edu/3701/admin/3701_Textbook.pdf for more info

- Charles H. Roth Jr., Fundamentals of Logic Design, 7th edition, Cengage Learning, Stamford, Connecticut, 2014. ISBN: 1133628478
- Charles H. Roth Jr., Fundamentals of Logic Design, 6th edition, Cengage Learning, Stamford, Connecticut, 2009. ISBN: 0495471690
- Charles H. Roth Jr., Fundamentals of Logic Design, 5th edition, Thomson Brooks/Cole, Belmont, California, 2004. ISBN: 0534378048

Recommended Materials

- Reprinted Chapters 1-7 from H. Lam, and J. O'Malley, Fundamentals of Computer Engineering: Logic Design and Microprocessors, 1st edition, 1988, John Wiley and Sons, New York, available at <https://tinyurl.com/UF-Lam>.

TENTATIVE Course Schedule

Week	Topic/s	Lab #
1	Syllabus, web site, Digital Design, Intro. to Quartus	None
2	Truth (Logic) Table / Voltage Table, Mixed Logic, ICs, introduction to mixed, positive, and negative logic	0
3	Number Systems, Math, Boolean Algebra, MSOP, MPOS, Simplification	1
4	MSI: MUX, deMUX, decoder, K Map	1
5	More MSI: encoder, adder, BCD 7-seg decoder, Even more MSI: tristate buffer, ALU, Introduction to sequential circuits: Flip-flops	None
6	Flip-flops and next state/excitation tables, Design with flip-flop, Counter design, Debouncing	2
7	MSI sequential circuits - Registers, counters, RAM/ROM	3
8	RAM/ROM	None
9	ASM implementation, ASM design examples, ASM desigs, ROM based designs & others, RAM/ROM expansion	4
10	ASM design implementations, ROM based designs & others, Introduction to VHDL, RAM, ROM PLDs, PALs, Altera's MAX3000 and MAX7000 family CPLDs	4
11	Introduction into computer architecture	5
12	Introduction into computer architecture, Addressing modes, Data transfer instructions	6

13	Basic computer operation cycles and timing, Instruction set and assembly programming examples	6 & 7
14	G-CPU, Special topics, G-CPU, Memory Maps	7
15	G-CPU, Special topics and Review	None

Laboratory Topics

Lab Number	Start Date	Probable Topics
0	Mon, 26 Aug	Build your CPLD board; intro to software and parts
1	Thur, 5 Sept	Quartus intro; Logic design and implementation (with discrete parts)
2	Mon, 16 Sept	MSI circuit design and implementation (with discrete parts & CPLD)
3	Fri, 27 Sept	Counter design and implementation
4	Wed, 16 Oct	Registered Arithmetic Logic Unit (RALU) design & implementation
5	Mon, 28 Oct	State Machine design and implementation
6	Tues, 5 Nov	CPU with ROM-based instructions
7	Wed, 13 Nov	G-CPU simulation and assembly language programming

Exam Schedule			
Exam	Date	Time	Location
1L	1L	Mon, 7 Oct	8:20pm
1P	1P	Wed, 9 Oct	8:20pm
2L	2L	Thur, 21 Oct	8:20pm
2P	2P	Sat, 7 Dec	TBD

Attendance Policy, Class Expectations, and Make-Up Policy

- Perform all laboratory experiments. A grade of 65% or better is your lab weighted average is **required** in order to be eligible to obtain a passing grade in the course (i.e., to earn a grade better than E). Your lowest lab (**not including** Lab 6) will be dropped. But **use this drop wisely**, i.e., do **not** just skip a lab since all labs are important and your next missed lab may be unavoidable. If you need to miss a single lab, it's ok; you **cannot** make up the missed lab. (You should do this lab on your own. If necessary, you may visit a PI during an office hour for help.) **If you have a valid reason for missing this lab, get documentation for your first missed lab and hold on to it.** If you miss a **second** lab, you must show **Dr. Schwartz/Dr. Bobda** (not a PI) **written documentation for BOTH your first and your second missed labs.** This documentation should be official and from a doctor, judge, etc., so that a make-up can be arranged. You must notify the professor **prior** to your scheduled second missed lab or **as soon as possible after** your second missed lab. **There is rarely an excuse that will allow you to reschedule your first missed lab other than an exam in another course or an officially sanctioned academic event.** You must notify **Dr. Schwartz/Dr. Bobda** at least **8 days** prior to your exam (or other event) so that an alternate lab time might be arranged.

- If you believe that you have valid university-related reason for missing a particular lab (e.g., Lab X), send an email to Dr. Schwartz/Dr. Bobda with the following information (with subject: **3701: Conflict with Lab X**, where X is the lab number).
 - State the cause for missing your Lab X and provide associated documentation for this event.
 - Info about your normally scheduled Lab X: PI's name, Lab X date (day and date) and time, lab section (4 characters), lab class number (5 digits).
 - Lab X dates (day and date) that you will be **unavailable** for your Lab X.
 - **ALL** of the Lab X dates, periods, and times (day, date, periods, and times) of the lab you will miss for which you **are** available (in order of your preference). Note that I will try to accommodate your preference AFTER I try to find a lab with available space.
 - If this is for an exam in another course, **first** verify that there are no alternate exam times available. If none, then provide Dr. Schwartz/Dr. Bobda (via email, with subject: **3701: Conflict with Lab X**, where X is the lab number) the course number and name, and also your teacher's name, email, and phone number. Also provide a link or screen shot of the cause of the conflict.
- Labs **must** be done at scheduled times (except as described above).
- Students **must** be prepared to demo their lab when they enter. Students will be randomly selected for their demonstration times during their lab period.
- An average lab grade of **65% or higher** is required to be **eligible** to **pass** the class!
- Class attendance is mandatory. Roll will be taken. Each missed class when roll is taken will cost 1 points (out of 100) from your overall course total. Roll may be taken more than once in class; if you leave and a second roll is taken, this will be interpreted as an honor code violation.
 - **No excuses accepted, but two free drops.**
 - **Missed classes and quizzes cannot be made up.**
 - Turn off all cell phones, beepers, laptop sound effects, and other noise making devices **before entering** our classroom. If a noise-making device goes off during class, I reserve the right to **lower your course grade**. If a noise-making device goes off during an exam, your will lose a significant number of points on this exam.
 - If you miss the first two classes and do not notify Dr. Schwartz/Dr. Bobda, **you will be dropped from the course.**
- Do all homework assignments and turn them in **through Canvas before** the time that they are due.
 - **Late homework will not be accepted.**
- Take all exams as scheduled.
 - **No makeup exams will be given except in cases of a medically documented incapacity or family emergency.**
 - If you believe that you have a valid exam conflict, please send me the info specified above for a lab conflict (again, at least **8 days** in advance), but with the subject: **3701: Conflict with Exam X**, where X is the exam number. Please specify the times of your conflict and then times immediately before or after the scheduled exam time when you **are available**.
- It is recommend that you bring your laptop or tablet computer (or printed notes) to each class, so that you can easily augment lecture notes with your own notes. Historically, student that take good notes perform much better in this class then those who do not take notes (or take poor notes).

Evaluation of Grades

Assignment	Percentage of Final Grade
Laboratory	30%
Homework/Quizzes	6%
Exam 1P	27%
Exam 1L	3%
Exam 2L	7%
Exam 2P	27%
Total	100%

All grading percentages are subject to change at professor's discretion. Students will be notified of any changes.

All grades are **non-negotiable one week** after the grade is posted. Please don't come to Dr. Schwartz/Dr. Bobda after the final grades have been posted with a hard-luck story.

Laboratory

- Lab values vary, i.e. it could count as 1/3 a lab, a single lab, a double lab, etc.
- Perform all laboratory experiments. A grade of 65% or better lab weighted average is **required** in order to be eligible to obtain a passing grade in the course (i.e., to earn a grade better than E). Your lowest lab (**not including** Lab 6) will be dropped. But **use this drop wisely**, i.e., do **not** just skip a lab since all labs are important and your next missed lab may be unavoidable. If you need to miss a single lab, it's ok; you **cannot** make up the missed lab. (You should do this lab on your own. If necessary, you may visit a PI during an office hour for help.) **If you have a valid reason for missing this lab, get documentation for your first missed lab and hold on to it.** If you miss a **second** lab, you must show **Dr. Schwartz/Dr. Bobda** (not a PI) **written documentation for BOTH your first and your second missed labs.** This documentation should be official and from a doctor, judge, etc., so that a make-up can be arranged. You must notify the professor **prior** to your scheduled second missed lab or **as soon as possible after** your second missed lab. **There is rarely an excuse that will allow you to reschedule your first missed lab other than an exam in another course or an officially sanctioned academic event.** You must notify **Dr. Schwartz/Dr. Bobda** at least **8 days** prior to your exam (or other event) so that an alternate lab time might be arranged.
- **You will not be admitted to the lab without a Summary document**, as described in the *Lab Rules and Policies*. The *Summary* document and other files also **must** be submitted through Canvas **BEFORE** the start of your lab. Each circuit diagram, VHDL file, and assembly language program must have your name (computer) printed at the top. **ALL** simulations should be clearly annotated. Quartus files should be sent in a **Quartus archive file**. Grading emphasis will be placed upon your producing well documented, well-structured design circuitry that realizes the functional requirements specified by the lab handout and the lab instructor. The remaining portion of your grade will result from observations by your lab instructor on such matters as your understanding of the lab, your lab techniques, your pre-lab preparation, your lab results and your cooperation and compliance with the rules. Having your design perform properly does **not** guarantee a grade of 100, but makes a 100 grade **possible**. Lab designs and/or software that are similar and/or identical to other student's work constitute cheating and will be reported to the professor for further discipline (and will result in failing the course, honor court charges, or expulsion). There will be a quiz at the beginning of most labs (worth up to 40% of your total lab score). If you are late for a lab, you will get a zero for the quiz.
- See [www.mil.ufl.edu/3701/admin/Lab Rules & Policies.pdf](http://www.mil.ufl.edu/3701/admin/Lab%20Rules%20and%20Policies.pdf) for important information that you should re-read prior to each lab submission.
- Laboratory attendance during scheduled times is mandatory. **Documented** personal or family emergency will be accepted as an excuse for absence for a **second** missed lab if documentation for a **first** missed lab is **also provided**. In such cases, consult **Dr. Schwartz/Dr. Bobda** (**not** your PI) about a make-up lab **as soon as possible**. See **Course Requirements** for more details. Students should make serious attempts on **all** labs. **Grades less than 50% may be interpreted as not a serious attempt and may be scaled to 0.** Note: **ALL** students **MUST** have everything working **BEFORE** coming to lab.
- You will **not** officially makeup your dropped lab. You should do this missed lab at home (or, if necessary, during a PI office hour) to be sure you understand the required material.

Homework

- 8-12 homework.
- Homework is submitted through Canvas by the assigned deadline. Unless other specified (sometimes additional files are requested), **a single** pdf document should be submitted for each homework. Scans are acceptable, but must be compressed and in a single document. Fast Scanner (available for Android and iPhone) is a cell phone app that works well. Unclear scans **will not** be accepted. Missed homework **cannot** be made up, but your lowest homework (or quiz) is dropped. Homework solutions are sometimes posted on our class web-

site **before** they are due. It is not appropriate to copy the supplied solutions verbatim; this constitutes cheating. Homework will only be graded in a cursory fashion, i.e., Zen grading is used. The grades will be entered into the grade book as 0 (no significant effort or not submitted), 1 (half-hearted attempt) or 2 (significant attempt). The final course grades will be assigned with strict cuts between grades, but HW **could** push you above a cut. Also, the (pop) quizzes will come from the class material, the labs, **and** the homework. In addition, the exams will be partly based on the assigned homework. Since homework is not returned and is graded only for effort, students should compare their solutions to the posted solutions. **Late homework is not accepted.**

In-Class Quizzes

- 0-5 quizzes.
- In-class quizzes will cover material previously covered in assigned readings, homework, class or lab. Quizzes may happen during anyclass; they are not generally announced beforehand. **Missed quizzes cannot be made up, but your lowest quiz (or homework) is dropped. Therefore, missing a single quiz will not hurt your grade.** See the Course Requirements section above for the policy for missed quizzes.

Exams

- Exams 1L & 2L are lab-like exam
- 90%+ on combined Exam 2L and 2P results in 5% grade bonus, e.g., 86% \Rightarrow 91%

Homework and Exam Solutions

- Solutions to homework will be made available on our class web site. Practice exams (some old ones with solutions) are also posted.

Attendance

- Attendance is required, but is **NOT** worth positive points. Each missed class results in a deduction of one point (out of 100) from your overall course total. There are no excuses for missed classes, but two classes can be missed without penalty.

Extra Credit

- Extra credit is sometimes offered during class (or on the web, by tweet, or by email). The amount of extra credit given is at the discretion of the faculty member unless specifically stated with the extra credit opportunity.

Grading Policy

Grades are periodically posted on the class web site. **It is your responsibility to check your grades regularly** since mistakes often happen when dealing with a large number of students and PI's. **All grades are final one week after posting.** After curving exams as needed, course grades are assigned using the following scale:

Percent	Grade
90 - 100	A
86.6 - 89.9	A-
83.3 - 86.6	B+
80 - 83.3	B
76.6 - 79.9	B-
73.3 - 76.6	C+
70 - 73.3	C
66.6 - 69.9	C-
63.3 - 66.6	D+
60 - 63.3	D
56.6 - 59.9	D-
0 - 56.6	E

Exam Re-grade Policy

If you believe an error has been made on an exam score you must make a **written** request to the instructor explaining where the misgrading or error occurred. This request must be submitted **immediately at the end of the class in which the exam is returned**. If you do resubmit an exam, however, the instructor reserves the right to scrutinize and grade the **entire** exam more closely. This definitely places your current score at risk. Consequently, it is not advisable to resubmit an exam for correction unless a blatant error, such as a miscalculation of total points, has been made. You **must** make it clear what writing you added to the exam (by clear indication, e.g., use a different color pen or pencil) after it was returned to you.

Part of your grade on exams, labs, homework, quizzes, etc. is based not only on solving the problem you are presented with, but the manner in which you solve it. For example, there is a difference between two designs that meet the given specifications, but one is an elegant, modular 3-element solution, while the other is an obfuscated 5-element design that also meets the specifications but would be difficult to extend later. Just as your future employer would value the latter design less than the first, so will I in grading your assignments.

The UF grading policies for assigning grade points can be found on the following undergraduate catalog web page: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Students Requiring Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://www.dso.ufl.edu/drc>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Institutional Values

1. Always tell the truth.
2. Do not plagiarize.
3. Do not cheat.
4. Attend all classes.
5. Be on time and stay until the end of class.
6. Be unselfish.
7. Work hard and consistently.
8. Respect the privilege that goes with being a UF student.
9. Recognize feedback as an opportunity to learn and improve.
10. Do not allow your judgement to become impaired when tired or under pressure.
11. Be thankful for the opportunity that you have that many others wish that they had.

University Honesty Policy

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code (<https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

CHEATING WILL NOT BE TOLERATED. We will actively search for cheaters; we have and will use excellent software to help us in the search. If you are caught, there will be no negotiations. You will earn a course grade penalty (often failure for the course) and get reported to the honor court. **There are no excuses and no exceptions.** You may talk to other students about assignments, but the final work **must** be your own. You must also report others (anonymously, if desired) that you suspect are cheating. If you are caught cheating on **any** assignment (homework, lab, quiz, or exam, etc.), you will be prosecuted. A meeting with the instructor (and, possibly, the UF honor court) will determine penalties, none of which are desirable or pleasant (i.e., cheating in this course always results in notification to the honor court, often results in a failing grade in the course, and can possibly result in suspension or expulsion from the university). If you know someone is cheating, **it is your responsibility to report it.** For more information about cheating, the UF Honor code, and the consequences of academic dishonesty, please refer to <https://sccr.dso.ufl.edu/students/student-conduct-code/>. If you have any questions or concerns, please consult with Dr. Schwartz/Dr. Bobda.

Working Together

You are encouraged to work with other students on assignments in a professional manner. Each person in the group should attempt to solve all problems **independently** and **only** then discuss the results with one's partner(s) to correct errors and resolve differences. Copying your partner's work constitutes cheating and should not be permitted. Matching your solution to your partner's, however, is acceptable, if, after independent study and work you are convinced your partner's solution is correct. All solutions should reflect your style of problem solving, even those you have changed to match your partner's solution. In other words, **verbatim copying or simple paraphrasing of your partner's solution is not an acceptable form of cooperative study.** Your name **and your partner's name(s)** must be on your assignments. You may **not** copy and submit old or new posted solutions as if they were your own.

Although you may **consult** with other students, PI's, or instructors for your assignments, you **must** do independent work. Consulting means "**seeking opinions or advice,**" **not** getting working solutions, programs, or designs, understanding them, and then modifying them to make them your own. The latter constitutes cheating (see above section). Working side-by-side to find a solutions, construct a program, or design in a group constitutes cheating. (Solving homework are good practice for solving quizzes and exams, which are also **not** group activities.) **You should note that we have used and will continue to use software that can detect similar submissions.**

Commitment to a Safe and Inclusive Learning Environment

The Herbert Wertheim College of Engineering values broad diversity within our community and is committed to individual and group empowerment, inclusion, and the elimination of discrimination. It is expected that every person in this class will treat one another with dignity and respect regardless of gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture.

If you feel like your performance in class is being impacted by discrimination or harassment of any kind, please contact your instructor or any of the following:

- Your academic advisor or Graduate Program Coordinator
- Robin Bielling, Director of Human Resources, 352-392-0903, rbielling@eng.ufl.edu
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, taylor@eng.ufl.edu
- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, nishida@eng.ufl.edu

Software Use

All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate. We, the members of the University of Florida community, pledge to uphold ourselves and our peers to the highest standards of honesty and integrity.

Technology

The use of cell phones and **every other** technology device is strictly prohibited during exams. All use of an electronic devices during an exam will be considered a violation of the student honor code (i.e., cheating). See the

Honesty Policy section below for the minimum penalties that are incurred for all cases of cheating in our course. Laptop computer and tablets are welcome in class as long as they are used for class-related work. Surfing the web, checking email, making posts, etc., is strictly prohibited (**if distracting to others**) and will result in course grade deductions.

Communication

Twitter is utilized for course announcements. You are also responsible for getting the tweets either with a Twitter account or with software that creates an email or text message from tweets. You are also responsible for regularly checking announcements and course-related postings on the class website, Canvas, and your UF email.

Student Privacy

There are federal laws protecting your privacy with regards to grades earned in courses and on individual assignments. For more information, please see: <https://registrar.ufl.edu/ferpa.html>

Campus Resources:

Health and Wellness

U Matter, We Care:

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact umatter@ufl.edu so that the U Matter, We Care Team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care Team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc>, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Discrimination, Harassment, Assault, or Violence

If you or a friend has been subjected to sexual discrimination, sexual harassment, sexual assault, or violence contact the [Office of Title IX Compliance](mailto:title-ix@ufl.edu), located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, title-ix@ufl.edu

Sexual Assault Recovery Services (SARS)

Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or <http://www.police.ufl.edu/>.

Academic Resources

E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learning-support@ufl.edu. <https://lss.at.ufl.edu/help.shtml>.

Career Resource Center, Reitz Union, 392-1601. Career assistance and counseling. <https://www.crc.ufl.edu/>.

Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.

Teaching Center, Broward Hall, 392-2010 or 392-6420. General study skills and tutoring. <https://teachingcenter.ufl.edu/>.

Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers.
<https://writing.ufl.edu/writing-studio/>.

Student Complaints Campus: https://www.dso.ufl.edu/documents/UF_Complaints_policy.pdf.

On-Line Students Complaints: <http://www.distance.ufl.edu/student-complaint-process>.