

# Fundamentals of Machine Learning

EEE 4773 Section 0001

**Class Periods:** MWF, period 5, 11:45 AM – 12:35 PM

**Location:** LAR 239

**Academic Term:** Fall 2021

**Instructor:** Dr. Catia S. Silva

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Phone: (352) 392-6502

Office Hours: Mondays 3pm-4pm, Wednesdays and Thursdays 10am-11am, or by appointment

Slack: <https://uf-eee4773-fall2021.slack.com/>

## Course Description

(3 credits) Overview of machine intelligence and the role of machine learning in a variety of real-world problems. Probability and statistics to handle uncertain data. Topics covered include learning models from data in both a supervised and unsupervised fashion, linear models and non-linear models for classification, and linear dimensionality reduction.

## Course Pre-Requisites / Co-Requisites

- EEL 3850 (Data Science for ECE) or equivalent
- EEL 3135 (Introduction to Signals & Systems) or equivalent

## Course Objectives

Upon completion of this course, the student will be able to:

- Identify relevant real-world problems as instances of canonical machine learning problems
- Design and implement effective strategies for data preprocessing
- Explain and utilize concepts of machine learning for data science and electrical engineering
- Compare and contrast evaluation metrics
- Foresee and mitigate human-based liabilities of machine learning algorithms
- General level of competency in critical questioning and analysis
- Students will know how to make connections between different fields of machine learning

The main goal of this course is to equip the students with a machine learning mindset for successful practical implementations, in particular: understand, analyze and design an approach to work with a data science or electrical engineering problem.

## Materials and Supply Fees:

None

## Required Textbooks and Software

### 1. Required Software/Hardware:

- A computer with the following software installed:
  - [Python 3.4.3 or later](#)
  - [Anaconda Distribution](#)
  - [Git](#)
  - [GitHub Desktop](#)

Please see the [computer requirements](#) for minimum hardware requirements.


### 2. Required Textbooks:

- **Pattern Recognition and Machine Learning (ML) \***
  - Christopher Bishop


- Springer, 2006
- ISBN: 978-0-38731-073-2

The [digital pdf](#) is freely available and is perfectly fine for this course.

### Recommended Materials

- **Introduction to Machine Learning (IML)** 
  - Ethem Alpaydin
  - 3<sup>rd</sup> edition
  - The MIT Press, 2014
  - ISBN: 978-8-120-35078-6


This book is freely available online via Course Reserves (you can easily access it under the “Course Reserves” tab in our Canvas page)

- **Deep Learning (DL)** 
  - Ian GoodFellow, Yoshua Bengio and Aaron Courville
  - MIT Press, 2016
  - ISBN: 978-0-262-03561-3


The [online book](#) is freely available online and is perfectly fine for this course.

- **Python Data Science Handbook – Essential Tools for Working with Data (PDS)** 
  - Jake VanderPlas
  - O’Reilly Media, 2016
  - ISBN: 978-1-491-91205-8

The [online book](#) is freely available and is perfectly fine for this course

- **Python Machine Learning (PML)** 
  - Sebastian Raschka and Vahid Mirjalili
  - 2<sup>nd</sup> edition
  - Packt Publishing, 2017
  - ISBN: 978-1-787-12602-2

This book is freely available online via Course Reserves (you can easily access it under the “Course Reserves” tab in our Canvas page)



- **A Whirlwind Tour of Python (WP)** 
  - Jake VanderPlas
  - O’Reilly Media, 2016
  - ISBN: 978-1-491-96465-1




























The [online book](#) is freely available and is perfectly fine for this course

























**All textbooks are listed and available online through Course Reserves.** You can also find this information under the icon “Course Reserves” in our Canvas page.















### Course Schedule

The following schedule is tentative and may vary due to time constraints.

Video: refers to short (< 20 min) recordings to watch as a preparation or supplement of lecture				
Module	L. #	Day	Topic/s	Reading Materials
	1	M, 08/23	<ul style="list-style-type: none"> <li>● What is Machine Learning?</li> <li>● Introduction to Git and Jupyter Notebooks</li> <li>● <b>(video)</b> Introduction to Python: NumPy, Matplotlib, Pandas</li> </ul>	 <b>Install:</b> <a href="#">git</a> , <a href="#">GitHub Desktop</a> , <a href="#">Python</a> , <a href="#">Anaconda</a> , <a href="#">nbextensions</a>  <b>DL:</b> <a href="#">C-1</a>

1. Introduction to Machine Learning				 <b>WP:</b> <a href="#">S-3, S-4, S-5</a>  <b>PDS:</b> <a href="#">C-1, C-2, C-3, C-4</a>
	2	W, 08/25	<ul style="list-style-type: none"> <li>Types of learning</li> <li>Introduction to Supervised Learning</li> </ul>	 <b>PML:</b> C-1  <b>IML:</b> C-1, C-2
	3	F, 08/27	<ul style="list-style-type: none"> <li>(Linear) Regression</li> </ul>	 <b>ML:</b> <a href="#">S-1.1</a>  <b>PDS:</b> <a href="#">S-5.6</a>
2. Experimental Design	4	M, 08/30	<ul style="list-style-type: none"> <li>Model selection; Occam's Razor</li> <li>Generalization</li> </ul>	 <b>ML:</b> <a href="#">S-1.3</a>  <b>IML:</b> S-2.7  <b>PDS:</b> <a href="#">S-5.3</a>
	5	W, 09/01	<ul style="list-style-type: none"> <li>The Curse of Dimensionality</li> </ul>	 <b>ML:</b> <a href="#">S-1.4</a>
	6	F, 09/03	<ul style="list-style-type: none"> <li>The No Free Lunch Theorem</li> <li>Regularization</li> </ul>	 <b>IML:</b> S-19.1
	-	M, 09/06	Labor Day (no class)	
	7	W, 09/08	<ul style="list-style-type: none"> <li>Hipergator info session</li> </ul>	 <b>Connect to:</b> <a href="#">jhub, help &amp; documentation</a>  <b>Complete (mandatory):</b> <a href="#">Hipergator account training</a>
	8	F, 09/10	<ul style="list-style-type: none"> <li>Linear Basis Functions</li> <li>The Bias-Variance Trade-Off</li> </ul>	 <b>ML:</b> <a href="#">S-3.1, S-3.2, S-3.6</a>  <b>DL:</b> <a href="#">S-5.4</a>
	9	M, 09/13	<ul style="list-style-type: none"> <li>Experimental Design</li> <li>Hyperparameter tuning; Cross-validation</li> </ul>	 <b>IML:</b> S-19.2 – S-19.6
3. Bayesian Learning	10	W, 09/15	<ul style="list-style-type: none"> <li>Maximum Likelihood Estimation (MLE)</li> </ul>	 <b>ML:</b> <a href="#">C-2, S-3.3</a>  <b>DL:</b> <a href="#">S-5.5</a>
	11	F, 09/17	<ul style="list-style-type: none"> <li>Maximum A Posteriori (MAP)</li> </ul>	 <b>ML:</b> <a href="#">S-3.4</a>  <b>DL:</b> <a href="#">S-5.6</a>
	12	M, 09/20	<ul style="list-style-type: none"> <li>Bayesian Prior Equivalence</li> </ul>	 <b>ML:</b> <a href="#">S-3.5</a>  <b>IML:</b> C-3, S-4.1, S-4.2, S-4.3, S-4.4
4. Generative Classification	13	W, 09/22	<ul style="list-style-type: none"> <li>Introduction to Classification</li> <li>Probabilistic Generative Models</li> </ul>	 <b>DL:</b> <a href="#">S-5.7</a>
	14	F, 09/24	<ul style="list-style-type: none"> <li>Naïve Bayes Classifier</li> </ul>	 <b>ML:</b> <a href="#">S-4.2</a>  <b>IML:</b> S-4.5, S-4.6, S-4.7, S-4.8
	15	M, 09/27	<ul style="list-style-type: none"> <li>Mixture Models</li> <li>Expectation-Maximization (EM) Algorithm</li> </ul>	 <b>ML:</b> <a href="#">S-2.3.9, S-9.2</a>
	16	W, 09/29	<ul style="list-style-type: none"> <li>Gaussian Mixture Models</li> </ul>	 <b>ML:</b> <a href="#">S-9.3, S-9.4</a>

				 <b>PDS: <a href="#">S-5.12</a></b>
	17	F, 10/01	<ul style="list-style-type: none"> <li>Evaluation Metrics</li> </ul>	 <b>IML: S-19.7 – S-19.14</b>
	18	M, 10/04	<b>Midterm Exam Review</b>	
-	19	W, 10/06	<b>Final Project Discussion</b>	
	-	F, 10/08	Homecoming, October 8-9 (no class)	
<b>Covers modules 1-4 (Lect. # 1-18)</b>				
<b>Midterm Exam (tentative): Thursday, October 07, 2021 @ 4:00 PM – 6:00 PM</b>				
5. Non-parametric Learning	20	M, 10/11	<ul style="list-style-type: none"> <li>Clustering</li> <li>K-Means Clustering</li> </ul>	 <b>ML: <a href="#">S-9.1</a></b>  <b>PDS: <a href="#">S-5.11</a></b>
	21	W, 10/13	<ul style="list-style-type: none"> <li>Cluster Validity Metrics</li> </ul>	 <b>PML: C-11</b>
	22	F, 10/15	<ul style="list-style-type: none"> <li>K-Nearest Neighbors</li> </ul>	 <b>ML: <a href="#">S-2.5</a></b>  <b>IML: S-8.1 – S-8.5</b>
6. Discriminative Classification	23	M, 10/18	<ul style="list-style-type: none"> <li>Discriminant Functions</li> </ul>	 <b>ML: <a href="#">S-4.1</a></b>  <b>IML: S-10.1, S-10.2</b>
	24	W, 10/20	<ul style="list-style-type: none"> <li>Linear Discriminant Functions</li> </ul>	 <b>IML: S-10.3 – S-10.5</b>
	25	F, 10/22	<ul style="list-style-type: none"> <li>The Perceptron Algorithm</li> </ul>	 <b>IML: S-10.6</b>
	26	M, 10/25	<ul style="list-style-type: none"> <li>Logistic Discrimination</li> </ul>	 <b>IML: S-10.7, S-10.8</b>
7. Kernel Machine	27	W, 10/27	<ul style="list-style-type: none"> <li>Kernel Machine</li> <li>Constrained Optimization and Lagrange Multipliers</li> </ul>	 <b>ML: <a href="#">Appendix E</a></b>  <b>IML: S-13.1</b>
	28	F, 10/29	<ul style="list-style-type: none"> <li>Support Vector Machine (SVM)</li> </ul>	 <b>ML: <a href="#">S-7.1</a></b>  <b>IML: S-13.2, S-13.3</b>
	29	M, 11/01	<ul style="list-style-type: none"> <li>Kernel Trick</li> </ul>	 <b>IML: S-13.4 – S-13.9</b>
	30	W, 11/03	<ul style="list-style-type: none"> <li>Slack variables</li> </ul>	 <b>PDS: <a href="#">S-5.7</a></b>
8. Dimensionality Reduction and Manifold Learning	31	F, 11/05	<ul style="list-style-type: none"> <li>Dimensionality Reduction</li> <li>Feature Selection vs Feature Extraction</li> </ul>	 <b>ML: <a href="#">S-12.1</a></b>  <b>IML: S-6.1, S-6.2</b>
	32	M, 11/08	<ul style="list-style-type: none"> <li>Principal Component Analysis (PCA)</li> </ul>	 <b>IML: S-6.3</b>  <b>PDS: <a href="#">S-5.9</a></b>  <b>PML: C-5</b>
	33	W, 11/10	<ul style="list-style-type: none"> <li>Supervised vs Unsupervised Dimensionality Reduction</li> <li>Manifold Learning</li> </ul>	 <b>IML: S-6.6</b>

	34	F, 11/12	<ul style="list-style-type: none"> <li>Multi-Dimensional Scaling (MDS)</li> </ul>	 IML: S-6.5
	35	M, 11/15	<ul style="list-style-type: none"> <li>Isometric feature mapping (ISOMAP)</li> </ul>	 IML: S-6.7
	36	W, 11/17	<ul style="list-style-type: none"> <li>Locally Linear Embedding (LLE)</li> </ul>	 IML: S-6.8  PDS: <a href="#">S-5.10</a>
9. Neural Networks	37	F, 11/19	<ul style="list-style-type: none"> <li>Artificial Neural Networks: brief history</li> <li>Multi-Layer Perceptron (MLP)</li> <li>Universal Approximation</li> </ul>	 ML: <a href="#">S-5.1 – S-5.2</a>  IML: S-11.1 – S-11.6
	38	M, 11/22	<ul style="list-style-type: none"> <li>Backpropagation</li> </ul>	 ML: <a href="#">S-5.3</a>  IML: S-11.7
	-	W, 11/24	Thanksgiving (no class)	
	-	F, 11/26	Thanksgiving (no class)	
	39	M, 11/29	<ul style="list-style-type: none"> <li>Training procedures; best practices</li> </ul>	 IML: S-11.8 – S-11.11
10. Deep Learning	40	W, 12/01	<ul style="list-style-type: none"> <li>Deep Learning</li> <li>Convolutional Neural Networks</li> </ul>	 DL: <a href="#">C-9</a>  PML: C-7
	41	F, 12/03	<ul style="list-style-type: none"> <li>Combining Multiple Learners</li> <li>Bagging and Boosting</li> </ul>	 ML: <a href="#">C-14</a>  IML: C-17
	42	W, 12/06	<ul style="list-style-type: none"> <li>Transfer Learning</li> <li>Project discussion</li> </ul>	 DL: <a href="#">C-9</a>
-	43	W, 12/08	<b>Final Exam Review</b>	
Covers modules 5-10 (Lect. # 20-44) Final Project (tentative): Friday, December 10 @ 11:59 PM Final Exam (scheduled): Wednesday, December 15, 2021 @ 3:00 PM – 5:00 PM				

### ***Attendance Policy, Class Expectations, and Make-Up Policy***

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies. Click here to read the university attendance policies:

<https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Please carefully read the following 8 topics pertaining to class expectations and make-up policies:

#### ***1. Course Communications***

**General information: (a)** The primary means to get help with a problem, other than office hours, will be the Canvas discussion boards. We will check the board daily, to answer inquiries. Other students should feel free to post responses to these questions as well within the guidelines discussed in the sections on collaboration and course etiquette.

**(b)** Questions about grades or personal issues may be emailed to me at [catiaspsilva@ece.ufl.edu](mailto:catiaspsilva@ece.ufl.edu) or within Canvas – this will protect your [FERPA rights](#). You are welcome to use the telephone (352.392.6502), talk with me during office hours, or set up an appointment.

**(c)** We have a Slack page for the course: <https://uf-eee4773-fall2021.slack.com/>. This is an optional resource for students to discuss the course amongst each other and with the Professor. This resource is intended to supplement

office hours and student interactions. No official communication/submission happens over Slack. No assignments submissions will be accepted over Slack.

**Expectations:** if you have an issue or need help, do not wait to ask about it! Problems are generally easier to solve sooner rather than later. You are expected to contribute to the ongoing constructive feedback that is an essential part of the learning process.

## **2. Attendance Policy**

**General information:** attendance is not required though summative and cumulative assessments, such as practice quizzes, collaborative teamwork, graded exercises, and participation, will happen during synchronous class meetings (including in an online setting, if any).

**Expectations:** I will prepare course materials with the expectation that students will attend class synchronously and bring a computer to follow along with any practical implementations.

## **3. Grading Policy**

**General information: (a)** all assignments will have a grading rubric and submissions will be graded based on the assignment's rubric. For maximum credit, students must submit correct and elaborated answers that follow instructions. For assignments that require code, clean, easy to read, easy to run, and well commented Python code is required.

**(b)** Individual assignments will not be graded on a curve. Final grades course grades will be graded on a curve.

**Expectations:** I will expect that students will complete all assignments with care, ensure that submissions are complete and illustrate the understanding of the concepts being assessed.

## **4. Late Work**

**General information:** all submissions are accepted until the assignment solutions are posted but will lose the "on-time" points listed in the rubric.

**Expectations:** I will expect students to follow all deadlines. In case of conflict, I expect that students will communicate with me and let me know well in advance about any conflicting issues in order to avoid losing the "on-time" points.

## **5. Make-Up Policy**

**General information: (a)** if you feel that any graded assignment needs to be re-graded, you must discuss this with the instructor within one week of grades being posted for that assignment. If approved, the entire assignment will be subject to complete evaluation.

**(b)** if you have an academic conflict with any assignment or exam date/time, please let me know well in advance so we can make the necessary changes and make the appropriate accommodations available.

**Expectations:** I will expect that students will communicate with me and let me know well in advance about any conflicts or time/date change requests.

Excused absences must be consistent with university policies in the undergraduate catalog (<https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>) and require appropriate documentation.

## **6. Collaboration**

**General information:** in solving any individual assignments, healthy discussion and collaboration amongst classmates is encouraged. Healthy collaboration includes: (a) discussing and explaining general course material; (b) discussing assignments for better understanding; (c) aiding for general programming and debugging issues.

**Expectations:** if another student contributes substantially to your understanding of a problem, you should cite this student to let myself and the teaching assistants be aware of your similar interpretations of a problem. You will not be negatively judged for citing another student.

## **7. Cheating and Plagiarism**

**General information:** while collaboration is encouraged, you are expected to submit your own work and follow the [student honor code](#). Submitting work completed by another student is considered [plagiarism](#) and will be dealt according to university policy. In general, if you do not understand your solution, the work is not your own.

Examples of plagiarism include: (a) copying (or allowing someone to copy), even partially, an assignment solution or program from the course; (b) submitting material, particularly code, using material taken from another source without proper citation; (c) obtaining solutions to assignments or exams through inappropriate means. Note that I may elect to use a plagiarism detection service in this course, in which case you will be required to submit your work to such a service as part of your assignment.

**Expectations:** I expect all students to be bound to the honor pledge as indicated in the [student honor code](#). If you are suspected of dishonest academic activity, I will invite you to discuss it further in private. Academic dishonesty will likely result in grade reduction, with severity depending on the nature of the dishonest activity. I am obligated to report on academic misconduct with a letter to the department, college and/or university leadership. Repeat offences will be treated with significantly greater severity.

### 8. *Course Etiquette*

- Be present. This will allow you to get the most out of class time as well as for your classmates to get the most out of their collaborations with you.
- Put your cell phone away unless you are actively using it to further the class activities.
- Be prepared. The readings and videos are carefully chosen to support the in-class activities.
- Listen carefully and do not interrupt others.
- Give quality feedback. What constitutes “quality” will be discussed in class.
- Respect the opinions of others, even when you do not agree.
- Keep an open mind, embrace the opportunity to learn something new.
- Avoid monopolizing the discussion. Give others a chance to contribute and be heard.
- Do not be afraid to revise your ideas as you gather more information.
- Try to look at issues from more than one perspective.
- Respect others by learning and using the name and pronoun they prefer.
- Do not use offensive language.

### *Evaluation of Grades*

Assignment	Total Points	Percentage of Final Grade
Homework	100 each	20%
Participation	5 each	10%
Short assignments	10 each	10%
Midterm Exam	100	20%
Final Exam	100	20%
Final Project	100	20%
		100%

### **Assignment descriptions:**

- **Homework:** will consist of practical and theoretical understanding of the topics covered in class. A typical homework will have two components: Part I – consists of a quiz that will assess theoretical understanding; Part II – consists of practical problem/s to be implemented in Python.
- **Participation:** throughout the course I will ask for participation on a given topic in the form of class discussion boards. Participation points will be awarded for those posts/discussions and participation in class. Instructions on participation points will be discussed in the first lecture. The first participation points are awarded in week 1 and 2, so please keep an eye out for these.
- **Short Assignments:** will typically consist of algorithm implementation and result analysis assigned at the end of class. These assignments have a shorter timeframe for completion than a typical homework.
- **Final Project:** The final project is a group assignment (no more than 4 individuals). The objective of this project is to implement an end-to-end Machine Learning/Deep Learning model using a data set collected from students in the class. The deliverables of the final project include working code and a report.



- **Exams:** The exams will be drawn evenly from all lectures, assignments, and readings that occurred up to that point in the course. The content to be covered in the exams are listed in the schedule above: the midterm exam covers modules 1-4, and the final exam covers modules 5-10. None of the exams will cover any other topics outside of the ones listed, although some concepts are in nature cumulative.

### **Grading Policy**

<b>Percent</b>	<b>Grade</b>	<b>Grade Points</b>
93.4 - 100	A	4.00
90.0 - 93.3	A-	3.67
86.7 - 89.9	B+	3.33
83.4 - 86.6	B	3.00
80.0 - 83.3	B-	2.67
76.7 - 79.9	C+	2.33
73.4 - 76.6	C	2.00
70.0 - 73.3	C-	1.67
66.7 - 69.9	D+	1.33
63.4 - 66.6	D	1.00
60.0 - 63.3	D-	0.67
0 - 59.9	E	0.00

More information on UF grading policy may be found at:  
<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

### **Students Requiring Accommodations**

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, 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.ua.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.ua.ufl.edu/public-results/>.

### **In-Class Recording**

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A “class lecture” is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.



Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

### ***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 Conduct Code (<https://sccr.dso.ufl.edu/process/student-conduct-code/>) specifies a number of behaviors that are in violation of this code and the possible sanctions. If you have any questions or concerns, please consult with the instructor or TAs in this class.

### ***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
- Jennifer Nappo, Director of Human Resources, 352-392-0904, [jpennacc@ufl.edu](mailto:jpennacc@ufl.edu)
- Curtis Taylor, Associate Dean of Student Affairs, 352-392-2177, [taylor@eng.ufl.edu](mailto:taylor@eng.ufl.edu)
- Toshikazu Nishida, Associate Dean of Academic Affairs, 352-392-0943, [nishida@eng.ufl.edu](mailto: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.

### ***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*

##### **Covid-19 Protocols:**

- You are expected to wear approved face coverings at all times during class and within buildings even if you are vaccinated. Please continue to follow healthy habits, including best practices like frequent hand washing. Following these practices is our responsibility as Gators.
- If you are sick, stay home and self-quarantine. Please visit the UF Health Screen, Test & Protect website about next steps, retake the questionnaire and schedule your test for no sooner than 24 hours after your symptoms began. Please call your primary care provider if you are ill and need immediate care or the UF

Student Health Care Center at 352-392-1161 (or email [covid@shcc.ufl.edu](mailto:covid@shcc.ufl.edu)) to be evaluated for testing and to receive further instructions about returning to campus. UF Health Screen, Test & Protect offers guidance when you are sick, have been exposed to someone who has tested positive or have tested positive yourself. Visit the [UF Health Screen, Test & Protect website](#) for more information.

### **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](mailto: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:** <https://counseling.ufl.edu>, 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](#), located at Yon Hall Room 427, 1908 Stadium Road, (352) 273-1094, [title-ix@ufl.edu](mailto: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](mailto:Learning-support@ufl.edu).  
<https://lss.at.ufl.edu/help.shtml>.

**Career Resource Center**, Reitz Union, 392-1601. Career assistance and counseling; <https://career.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://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>; <https://care.dso.ufl.edu>.

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