

## Syllabus Template: 2024-2025

~~Note: The following, at a minimum, must be included on all course syllabi. It is extremely important that the syllabus is reviewed with the students at the start of the term, preferably on the first day of class.~~

### Course Information

- **Course Number and Title:** ECO 2023 Principles of Microeconomics
- **Credit Hours:** 3 credits
- **Academic Term:** Fall 2024

### Instructor Information

- **Instructor:** Dr. Paul Hettler
- **Office Location:** To be determined
- **Office Hours:** To be determined
- **Email address:** phettler@floridapoly.edu

### Course Delivery and Course Description

- **Delivery Mode:** Face-to-face; Monday, Wednesday, and Friday, 12:00-12:50 pm
- **Course Website:** To be determined
- **Official Catalog Course Description:**
  - Theories of production, determination of prices and distribution of income in regulated and unregulated industries are discussed. Attention is also given to industrial relations, monopolies and comparative economic systems.
  - **Course Pre and/or Co-Requisites:** None
  - **Communication/Computation Skills Requirement (6A-10.030):** This course meets communication/writing-intensive requirements (W)).

### Required Texts and Materials:

- Shapiro, D. et al. (2024). *Principles of Microeconomics*. 3<sup>rd</sup> edition. OpenStax.  
<https://openstax.org/details/books/principles-microeconomics-3e>  
Students can use the free online version or download the (free) pdf, or purchase a printed copy of the text via the link on the OpenStax website.

### Course Objectives and Outcomes

- **Course Objectives:**
  - Become familiar with the concepts of supply and demand.
  - Learn about consumer theory, budget constraints and preferences.
  - Understand firms' production decisions.
  - Contrast different market structures and their impact on firm competition.

- **Course Learning Outcomes (CLOs):**

1. Define scarcity and opportunity cost and explain how they give rise to gains from trade through the principle of comparative advantage.
2. Describe determinants of supply and demand and identify factors that shift demand and supply curves.
3. Identify and explain various causes of market failure.
4. Analyze by using supply and demand, the impacts of market conditions and government policies on outcomes in product markets, labor markets, and capital markets, and in the short run and in the long run.
5. Describe the role of consumer preferences and the budget constraint in consumer decision making and the demand curve.
6. Describe and analyze monopoly, perfect competition, and oligopoly market structures.

**BS in Data Science (DS) Program Learning Outcomes (PLO) – Course Learning Outcomes (CLO) alignment**

PLOs for BS in Data Science	ECO 2023 CLOs					
	1	2	3	4	5	6
1. Identify, formulate, and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline.					e	
2. Formulate or design a system, process, procedure, or program to meet desired needs.					e	
3. Develop and conduct experiments or test hypotheses, analyze, and interpret data and use scientific judgment to draw conclusions.	b	c	b	c	e	d
4. Communicate effectively with a range of audiences.						
5. Understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.	b	d	b	c	e	d
6. Function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.						

\* Learning level as described in Bloom’s taxonomy and Anderson and Krathwohl’s taxonomy. Each cell indicates the highest level of learning between each PLO and CLO pair. a = remember; b = understand; c = apply; d = analyze; e = synthesis

**BS in Business Analytics (BA) PLO – CLO alignment**

PLO for BS in Business Analytics	ECO 2023 CLOs					
	1	2	3	4	5	6
1. Apply current business analytics concepts, techniques, and practices to solve business problems.	b	b	b	b	c	c
2. Analyze a given business problem using appropriate analytics techniques to generate insights and solutions.					e	
3. Communicate effectively insights, analysis, conclusions, and solutions to a diverse audience.						c

\* Learning level as described in Bloom’s taxonomy and Anderson and Krathwohl’s taxonomy. Each cell indicates the highest level of learning between each PLO and CLO pair. a = remember; b = understand; c = apply; d = analyze; e = synthesis

**General Education (Gen Ed) PLO – CLO alignment**

PLO for Gen Ed	ECO 2023 CLOs					
	1	2	3	4	5	6
1. Apply appropriate disciplinary methods and theories to the analysis of psychological, social, cultural, political, and economic issues or problems.	b	b	b	b	c	c
2. Describe how political, social, cultural, and economic institutions influence human behavior.				b	c	c
3. Describe how individuals interact and behave in political, social, economic, and psychological environments.	b	b	b	b	c	c

\* Learning level as described in Bloom’s taxonomy and Anderson and Krathwohl’s taxonomy. Each cell indicates the highest level of learning between each PLO and CLO pair. a = remember; b = understand; c = apply; d = analyze; e = synthesis

## Academic Support Resources

- **Library:** Students can access the Florida Polytechnic University Library through the University website and [Canvas](#), on and off campus. Students may direct questions to [library@floridapoly.edu](mailto:library@floridapoly.edu).

- **Peer Learning Strategists (PLS):** Are specially trained student leaders who help their peers strategize approaches to course content and work through solution methods. PLS work in collaboration with the courses they support so the content and methods are aligned with your instructors' expectations. Students can meet with a PLS in The Learning Center, which is located on the first floor of the Innovation, Science and Technology (IST) building in room 1019.
- **Academic Success Coaches:** All students at Florida Poly are assigned an Academic Success Coach. Your Academic Success Coach can assist you with academic success strategies. Please visit the Student Success Center on the second floor of the IST building to meet with an Academic Success Coach.
- **Writing Center:** Located on the second floor of the IST (2059/2061), the Writing Center helps students to develop their writing and presentation skills. Consultations are available in person and virtually. For more detail, visit <https://floridapoly.edu/writingcenter>.

## Civility and Collegiality

Faculty and students come to the university for the same reason, which is to participate in a highly professional educational environment. To that end, both students and faculty are expected to treat each other with mutual regard and civility. Communication, written, oral and behavioral, between faculty and students must remain respectful. Within and outside of the classroom, students must refrain from derogatory comments toward the faculty member and their fellow students, and faculty as well must refrain from derogatory comments toward their students. Faculty and students should address each other with respect, in accordance with the wishes of the faculty and the students: for example, no one should be addressed by their last name alone.

Faculty from the outset of a course can and should specify what constitutes activities and behavior that take away from, that diminish, the educational environment. An individual student's distracting behavior impedes the education of fellow students, which itself is a form of disrespect. Civility and collegiality also include respecting each other's time: for example, neither students nor faculty should arrive late to class (unless unforeseen, pressing circumstances prevail); faculty should be present at the posted office hours; and students and faculty should be punctual when meeting times are scheduled. In more general terms, collegiality means respecting the right of both faculty and students to participate fully and fairly in the educational enterprise.

## Course Policies

- **Attendance**
  - Students in **face-to-face (this includes labs and C-courses)** courses are expected "to attend all of their scheduled University classes and to satisfy all academic objectives as defined by the instructor" (University Policy, FPU-5.0010AP).
  - Students are responsible for all materials/content covered (even that which may not be in the textbook) if they miss class.
  - Students must be present in class to receive credit for Team-based Learning activities.
  - Missing exams or other in-class assessments without advanced notice will result in 0 grades for missed assessments.
  - I understand that stuff happens, so there is some forgiveness for an occasional absence, as long as you are almost always there. I reserve the right to lower a student's course grade due to habitual absences.
  - **Lateness:** You are expected to make every effort to be on time to class. If for some reason you must be late, try not to disturb others while entering the classroom--take an empty seat near the door. Don't trip over half of your classmates' book bags, coats, purses, etc. trying to get to "your" seat.
- **Participation**

Students are expected to participate in the classroom experience. My teaching style is very interactive. I tend to ask many questions during class and occasionally even ask students to work problems on the board. I also encourage students to ask me questions when something is even the slightest bit unclear (and especially when you are completely confused!). Please do not be afraid to interrupt a lecture or team-based activity for a further clarification. Chances are you are not the only one with the same question. Also, don't hesitate to speak up if you feel you have something to add that would further the current discussion or enhance the understanding of the rest of the class.

The use of earbuds/headphones during class is specifically not allowed and students who engage in this behavior may be asked to leave the class for the day (with the exception, of course, for those who have an authorized accommodation requiring such devices). In addition, students who routinely do not bring materials to class that are required for participation, will not be given credit for class attendance, and if this becomes a pattern of behavior, may be asked to leave the class for the day. Persistent problems with participation may result in a [code of conduct](#) referral.

- **Late Work/Make-up work**

Except in extenuating circumstances (e.g. documented illness, etc.) work that is to be completed and turned in during class (e.g. team-based learning assignments) cannot be made up and are not accepted late. (Students are able to automatically drop several of their lowest grades on these, so missing an assignment should not significantly affect your grade). Other assignments (e.g. papers) that are submitted late will be penalized 10% per day (or part of a day) if submitted past their due date, without advanced arrangements. Missing an in-class exam without advanced notice will result in a 0 grade.

- **Grading Scale**

This course is designed to be very rigorous and demanding. You are expected to work hard, actively participate in class, ask questions when you have any doubts, and perform to the very best of your ability. Although the material can be challenging, the purpose of this course is to teach you something about microeconomics and enhance your critical thinking skills, not to destroy your GPA. Grading will be stringent; however, I strive to grade in the fairest, most unbiased way possible.

The course grade will be computed based on your performance on each assignment, exam, etc. using the following weights:

	<i>Percent of final grade</i>
<b>Individual Quizzes</b>	10%
<b>Team Quizzes</b>	10%
<b>Team Activities</b>	15%
<b>Writing Assignments</b>	20%
<b>Midterm</b>	20%
<b>Final Exam</b>	25%
<b>TOTAL</b>	100%

Your course grade will be computed using the following grading scale:

Grade	Percentage
A	93.0% +
A-	90.0% - 92.9%
B+	87.0% - 89.9%
B	83.0% - 86.9%
B-	80.0% - 82.9%
C+	77.0% - 79.9%
C	73.0% - 76.9%
C-	70.0% - 72.9%
D+	67.0% - 69.9%
D	63.0% - 66.9%
D-	60.0% - 62.9%
F	59.9% or less

- **Assignment/Evaluation Methods**

Your course grade will be determined by your performance on a number of different evaluations.

**Team Based Learning Activities:** During the first week of class, you will be assigned to a team of 4-6 students. One or two days each week, class time will be devoted to Team Based Learning (TBL) activities.

There are three parts to the TBL activities:

**Individual Quizzes:** The first is a short quiz (IQ) based on that week's readings, lectures, and classroom discussion. These are designed to test your understanding of concepts we have completed before we move on to new material. You must complete these quizzes ONLINE, on your own, before coming to class. (You will not

receive credit for that week's Team Quiz, unless you have completed the individual quiz). No makeups are available for individual quizzes. **10% of course grade (highest 10 IQs count towards your final grade)**

**Team Quizzes:** When you get to class, you will complete a very similar (and sometimes identical) quiz (TQ) working with your Team. Together you can discuss/debate/clarify any concepts about which there was confusion/doubt/disagreement. **10% of course grade (highest 10 IQs count towards your final grade)**

**Team Exercises:** The last TBL item is a short assignment generally based on the readings for the coming week. These are designed to give you the opportunity to become familiar with some terms and concepts you have encountered in the readings before the classroom lectures. **15% of course grade**

**Written Assignments:** You will complete several short writing assignments for the class. For each, you will submit a draft and receive peer and/or instructor feedback before submitting the final assignment. These assignments will give you the opportunity to relate course content to current events or real-world applications of microeconomic concepts. **20% of course grade**

**Midterm Exam:** A midterm exam will be offered during the term (see tentative calendar). The exam may be a combination of analytical problems, essays, short answer, true/false and multiple-choice questions. It may have both an in-class and take-home (or online) component. **20% of course grade**

**Final Exam:** The final exam will be offered during the final exam period as scheduled by the registrar. **25% of course grade**

## University Policies

- **Reasonable Accommodations**

The University is committed to ensuring equal access to all educational opportunities. The University, through the Office of Disability Services (ODS), facilitates reasonable accommodations for students with disabilities and documented eligibility. It is the student's responsibility to self-identify as a student with disabilities and register with ODS to request accommodations.

If you have already registered with ODS, please ensure that you have requested an accommodation letter for this course through the [ODS student portal](#) and communicate with your instructor about your approved accommodations as soon as possible. Arrangements for testing accommodations must be made in advance. Accommodations are not retroactive.

If you are not registered with ODS but believe you have a temporary health condition or permanent disability requiring an accommodation, please contact ODS as soon as possible.

The Office of Disability Services (ODS):  
DisabilityServices@floridapoly.edu  
(863) 874-8770  
The Access Point  
[ODS website: www.floridapoly.edu/disability](http://www.floridapoly.edu/disability)

- **Accommodations for Religious Observances, Practices and Beliefs**

The University will reasonably accommodate the religious observances, practices, and beliefs of individuals in regard to admissions, class attendance, and the scheduling of examinations and work assignments. (See [University Policy](#).)

- **Title IX**

Florida Polytechnic University is committed to ensuring a safe, productive learning environment on our campus that prohibits sex discrimination and sexual misconduct, including sexual harassment, sexual assault, dating violence, domestic violence and stalking. Resources are available if you or someone you know needs assistance. You may speak to your professor, but your professors have an obligation to report the incident to the Title IX Coordinator. Please know, however, that your information will be kept private to the greatest extent possible. You will not be required to share your experience. If you want to speak to someone who is permitted to keep your disclosure confidential, please seek assistance from the Florida Polytechnic University [Ombuds Office](#), BayCare's Student Assistance Program, 1-800-878-5470 and locally within the community at [Peace River Center](#), 863-413-2707 (24-hour hotline) or 863-413-2708 to schedule an appointment. The [Title IX Coordinator](#) is available for any questions to discussion [resources and options](#) available.

- **Academic Integrity**

The faculty and administration take academic integrity very seriously. Violations of [academic integrity regulation](#) include actions such as cheating, plagiarism, use of unauthorized resources (including but not limited to use of Artificial Intelligence tools), illegal use of intellectual property, and inappropriately aiding other students. Such actions undermine the central mission of the university and negatively impact the value of your Florida Poly degree. Suspected violations will be fully investigated, possibly resulting in an academic integrity hearing and sanctions against the accused student if found in violation. Sanctions range from receiving a zero on the exam or assignment, to expulsion from the university. Repeat offenders are subject to more severe sanctions and penalties.

Any “special” instructions that are appropriate for academic integrity and the course should go here. *(It is essential that a heading and a statement on what constitutes, includes, academic integrity be included in the syllabus, and that the students be made aware of academic integrity at the beginning of a course.)*

- **Recording Lectures**

Students may, without prior notice, record video or audio of a class lecture for a class in which the student is enrolled for their own personal educational use. Recordings may not be used as a substitute for class participation or class attendance. Recordings may not be published or shared in any way, either intentionally or accidentally, without the written consent of the faculty member. Failure to adhere to these requirements is a violation of state law (subject to civil penalty) and the student code of conduct (subject to disciplinary action).

*Recording class activities other than class lectures, including but not limited to lab sessions, student presentations (whether individually or part of a group), class discussion (except when incidental to and incorporated within a class lecture), and invited guest speakers is **prohibited**.*

## Tentative Course Schedule

- Important Dates: <https://floridapoly.edu/academics/academic-calendar/index.php>

Week	Topic	Reading/Assignments
Week 1 Aug 20-23	Course Intro, What is Economics?	Chpt 1 IQ1, TQ1, TE1
Week 2 Aug 26-30	Production possibilities frontier, opportunity cost	Chpt 2 IQ2, TQ2, TE2
Week 3 Sept 2-6	<i>No class Sept 2 (Labor Day)</i> Marginal analysis, comparative advantage	IQ3, TQ3, TE3
Week 4 Sept 9-13	Demand and Supply curves	Chpt 3 IQ4, TQ4, TE4
Week 5 Sept 16-20	Elasticity	Chpt 5 IQ5, TQ5, TE5
Week 6 Sept 23-27	Catchup and review	Midterm Exam
Week 7 Sept 30-Oct 4	Production and costs	Chpt 7 1 <sup>st</sup> writing assignment IQ6, TQ6, TE6
Week 8 Oct 7-11	Perfect competition and profit maximization	Chpt 8 IQ7, TQ7, TE7
Week 9 Oct 14-18	Efficiency and Competitive Markets	IQ8, TQ8, TE8
Week 10 Oct 21-25	International Trade and Protectionism	Chpt 19 & 20 IQ9, TQ9, TE9
Week 11 Oct 28-Nov 1	Monopoly	Chpt 9 IQ10, TQ10, TE10
Week 12 Nov 4-8	Imperfect competition	Chpt 10 & 11 IQ11, TQ11, TE11
Week 13 Nov 11-15	<i>No class Nov 11 (Veterans' Day)</i>	2 <sup>nd</sup> writing assignment IQ12, TQ12, TE12

Week 14 Nov 18-22	Externalities and/or Public Goods <i>Withdraw without academic penalty deadline Nov 19</i>	Chpt 12 &/or 13 IQ13, TQ13, TE13
Week 15 Nov 25-29	<i>No class Nov 27 and 29 (Thanksgiving Break)</i>	
Week 16 Dec 2-6	Catchup and review <i>Dec 4 Last day of classes</i>	3 <sup>rd</sup> writing assignment
Final Exams Dec 9-12		Final Exam

All dates are tentative and subject to change. Indicated readings are from the Shapiro et al. textbook. Other readings will be made available for each unit via Canvas. IQ = individual quiz, TQ = team quiz, TE = team exercise