FLORIDA POLYTECHNIC UNIVERSITY

Communications

Spring 2023 General Education Offerings

Dept	Course ID	Course Name	Credits
AMH	2020	American History since 1877	3
AMH	2010	American History to 1877	3
CHM	2045	Chemistry 1	3
CHM	2045L	Chemistry 1 Lab	1
ECO	2023	Principles of Microeconomics	3
ECO	2013	Principles of Macroeconomics	3
ENC	1101	English Composition 1: Exp & Arg Writing	3
ENC	2210	Technical Writing	3
EVR	1001	Environmental Science	3
EVR	1001L	Environmental Science Lab	1
IDS	2144	Legal, Ethical, and Management Issues in Technology	3
LIT	2000	Intro to Literature	3
MAC	2311	Analytic Geometry and Calculus 1	3
MUL	2010	Music Appreciation	3
PHY	2048	Physics 1	3
PHY	2048L	Physics 1 Lab	1
STA	2023	Statistics 1	3

Schedule and Faculty Assignments (as of 11/14/2022)

Code	Crs #	Sct #	Course Name	CR	Days	Start Time	End Time	Room	Faculty FN	Faculty LN
AMH	2010	1	American History to 1877	3	MWF	12:00PM	12:50PM	1123	Patrick	Luck
AMH	2020	1	American History Since 1877	3	MWF	2:00PM	2:50PM	1158	Patrick	Luck
CHM	2045	1	Chemistry 1	3	MWF	1:00PM	1:50PM	1044	Tracy	Olin
CHM	2045	2	Chemistry 1	3	MWF	8:00AM	8:50AM	1065	Ajeet	Kaushik
CHM	2045	3	Chemistry 1	3	MWF	9:00AM	9:50AM	1044	Ajeet	Kaushik
CHM	2045	5	Chemistry 1	3	MWF	11:00AM	11:50AM	1060	Tracy	Olin
CHM	2045	4	Chemistry 1	3	MWF	12:00PM	12:50PM	1003		STAFF
CHM	2045	6	Chemistry 1	3	MWF	2:00PM	2:50PM	1003	Tracy	Olin
CHM	2045L	1	Chemistry 1 Laboratory	1	T	10:00AM	11:50AM	2207	Tracy	Olin
CHM	2045L	2	Chemistry 1 Laboratory	1	T	1:00PM	2:50PM	2207	Tracy	Olin
CHM	2045L	3	Chemistry 1 Laboratory	1	T	3:00PM	4:50PM	2207	Ajeet	Kaushik
CHM	2045L	4	Chemistry 1 Laboratory	1	T	10:00AM	11:50AM	2209	Tracy	Olin
CHM	2045L	5	Chemistry 1 Laboratory	1	W	1:00PM	2:50PM	2207		STAFF
CHM	2045L	6	Chemistry 1 Laboratory	1	F	3:00PM	4:50PM	2207		STAFF
CHM	2045L	7	Chemistry 1 Laboratory	1	R	8:00AM	9:50AM	2207	Ajeet	Kaushik
CHM	2045L	8	Chemistry 1 Laboratory	1	T	1:00PM	2:50PM	2209	Tracy	Olin
CHM	2045L	9	Chemistry 1 Laboratory	1	W	1:00PM	2:50PM	2209		STAFF
CHM	2045L	10	Chemistry 1 Laboratory	1	F	3:00PM	4:50PM	2209		STAFF
CHM	2045L	11	Chemistry 1 Laboratory	1	R	8:00AM	9:50AM	2209	Ajeet	Kaushik
ECO	2013	1	Principles of Macroeconomics	3	TR	8:00AM	9:15AM	1049	Brian	Hornung
ECO	2023	1	Principles of Microeconomics	3	TR	9:30AM	10:45AM	1012	Brian	Hornung
ENC	1101	1	English Comp. 1: Expository and Argumentative	3	TR	12:30PM	1:45PM	1142	Sarah	Pearsall
ENC	1101	2	English Comp. 1: Expository and Argumentative	3	TR	12:30PM	1:45PM	1159	Kathleen	Hardesty
ENC	1101	3	English Comp. 1: Expository and Argumentative	3	TR	11:00AM	12:15PM	1158	Sarah	Pearsall
ENC	2210	1	Technical Writing	3	TR	9:30AM	10:45AM	1158	Kathleen	Hardesty
ENC	2210	2	Technical Writing	3	TR	11:00AM	12:15PM	1159	Kathleen	Hardesty
ENC	2210	3	Technical Writing	3	TR	2:00PM	3:15PM	1060	Sarah	Pearsall
ENC	2210	4	Technical Writing	3	TR	3:30PM	4:45PM	1060	Elisabeth	Rupp
ENC	2210	5	Technical Writing	3	MWF	10:00AM	10:50AM	1142	Elizabeth	Kelly
ENC	2210	6	Technical Writing	3	MWF	11:00AM	11:50AM	1159	Elizabeth	Kelly
ENC	2210	7	Technical Writing	3	MWF	2:00PM	2:50PM	1159	C. Wylie	Lenz

Code	Crs #	Sct #	Course Name	CR	Days	Start Time	End Time	Room	Faculty FN	Faculty LN
ENC	2210	8	Technical Writing	3	MWF	1:00PM	1:50PM	1159	C. Wylie	Lenz
EVR	1001	1	Environmental Science	3	MWF	9:00AM	9:50AM	1060	Jun	Kim
EVR	1001L	1	Environmental Science Lab	1	M	1:00PM	2:50PM	1052	Jun	Kim
EVR	1001L	2	Environmental Science Lab	1	W	1:00PM	2:50PM	1052	Jun	Kim
IDS	2144	1	Legal, Ethical, and Management Issues in Technology	3	MWF	10:00AM	10:50AM	1015	Susan	LeFrancois
IDS	2144	2	Legal, Ethical, and Management Issues in Technology	3	MWF	1:00PM	1:50PM	1017	Susan	LeFrancois
LIT	2000	1	Introduction to Literature	3	MWF	11:00AM	11:50AM	1158	C. Wylie	Lenz
MAC	2311	1	Analytic Geometry and Calculus 1	4	MTWF	9:00AM	9:50AM	1002	Jaeyoun	Oh
MAC	2311	2	Analytic Geometry and Calculus 1	4	MTWF	11:00AM	11:50AM	1048	Jaeyoun	Oh
MAC	2311	3	Analytic Geometry and Calculus 1	4	MTWF	1:00PM	1:50PM	1002	Adam	Rumpf
MAC	2311	4	Analytic Geometry and Calculus 1	4	MTWF	10:00AM	10:50AM	1002	Adam	Rumpf
MUL	2010	1	Music Appreciation	3	MWF	1:00PM	1:50PM	1142	Maryann	Brilleslyper
MUL	2010	2	Music Appreciation	3	MWF	2:00PM	2:50PM	1060	Maryann	Brilleslyper
PHY	2048	1	Physics 1	3	MWF	9:00AM	9:50AM	1003	Sesha	Srinivasan
PHY	2048	2	Physics 1	3	TR	9:30AM	10:45AM	1065	Emadelden	Fouad
PHY	2048	3	Physics 1	3	MWF	12:00PM	12:50PM	1045	Dhiraj	Maheswari
PHY	2048	5	Physics 1	3	MWF	1:00PM	1:50PM	1003	Dhiraj	Maheswari
PHY	2048	6	Physics 1	3	MWF	10:00AM	10:50AM	1003	Dhiraj	Maheswari
PHY	2048	4	Physics 1	3	TR	11:00AM	12:15PM	1067	Emadelden	Fouad
PHY	2048L	1	Physics 1 Laboratory	1	M	1:00PM	2:50PM	1051	Sesha	Srinivasan
PHY	2048L	2	Physics 1 Laboratory	1	W	1:00PM	2:50PM	1051	Sesha	Srinivasan
PHY	2048L	3	Physics 1 Laboratory	1	M	3:00PM	4:50PM	1051	Emadelden	Fouad
PHY	2048L	4	Physics 1 Laboratory	1	W	3:00PM	4:50PM	1051	Manimegalai	Ramamourty
PHY	2048L	5	Physics 1 Laboratory	1	T	10:00AM	11:50AM	1051	Manimegalai	Ramamourty
PHY	2048L	6	Physics 1 Laboratory	1	T	1:00PM	2:50PM	1051	Manimegalai	Ramamourty
PHY	2048L	8	Physics 1 Laboratory	1	W	10:00AM	11:50AM	1051	Manimegalai	Ramamourty
PHY	2048L	9	Physics 1 Laboratory	1	R	10:00AM	11:50AM	1051	Manimegalai	Ramamourty
PHY	2048L	10	Physics 1 Laboratory	1	R	1:00PM	2:50PM	1051	Manimegalai	Ramamourty
PHY	2048L	7	Physics 1 Laboratory	1	F	1:00PM	2:50PM	1051	Sesha	Srinivasan
STA	2023	03GH	Statistics 1	3	MW	4:00PM	5:15PM	1015	Kevin	Calkins
STA	2023	2	Statistics 1	3	MWF	9:00AM	9:50AM	1062	Shawn C.	Hedman
STA	2023	1	Statistics 1	3	MWF	10:00AM	10:50AM	1064	Shawn C.	Hedman

ENC 1101 – English Composition Course Details

Official Catalog Course Description: This course focuses on the principal elements of writing clearly, efficiently, and effectively. Logical arguments, building research skills, and developing critical thinking through reading, writing, and discussion are also presented. This course meets communication/writing-intensive requirements (W).
Course Pre and/or Co-Requisites: none
Communication/Computation Skills Requirement (6A-10.030): This Gordon Rule course requires a minimum of 2,000 words created by the individual student.

Specialized Description: ENC1101 aims to help students become familiar with the rhetorical implications of the STEM writing they will face as academics and professionals, such as the different types of audiences STEM students will encounter, the variety of STEM genres they will write in, and the rhetorical strategies they will need to consider. There is a global misconception in the STEM fields that "data speaks for itself," and rhetoric (the art of persuasion and meaning-making) does not have a place in the STEM writer's toolbox. On the contrary, all STEM professionals use rhetoric to influence decision-making processes and communicate the importance of their work. Whether the audience is other STEM professionals, laypeople or non-STEM professionals in STEM fields, these audiences make choices based on the STEM professional's research and design. Communication and writing play an enormous role in the STEM professional's work life. They cannot be ignored or taken at a lesser value. There has been an outcry and demand from the STEM industries for better communicators and writers. Florida Polytechnic University is responding to this call by focusing ENC1101 on preparing the STEM student to be strong, rhetorically sound STEM writers and communicators.

How the STEM academic and professional adds meaning to their data helps those in power, such as stakeholders, investors, managers, government officials, and even the general voting population, make decisions. Without a strong understanding of rhetoric and the use of rhetorical processes, STEM students and professionals risk dangerous outcomes for their research, findings, and designs. Data can be interpreted in different ways. Different data can be the outcome of a similar study. Through argument, persuasion, and meaning-making, STEM communities strive to find the best solutions and safe design.

In this course, we explore different genres that help STEM students learn and understand rhetoric's place in STEM writing. Students will also develop and hone their own rhetorical strategies, building a solid foundation of writing skills and rhetorical strategies for the STEM writer that will help them transition to ENC2210: Technical Writing, where they will focus on the types of documents they will most commonly use in their professions. This course will also help build collaboration and presentation skills, two essential elements of the ideal STEM professional.

Required Text & Materials:

Primary 'Free" Textbook: Successful College Composition (SCC), Crowther et al., 2016
https://oer.galileo.usg.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1007&context=english-textbooks

Secondary 'Free' Textbook (to fill in gaps, mainly rhetorical analysis and 'how to read'): A Guide to Rhetoric, Genre, and Success in First-Year Writing (GRGS), Gagich and Zickel

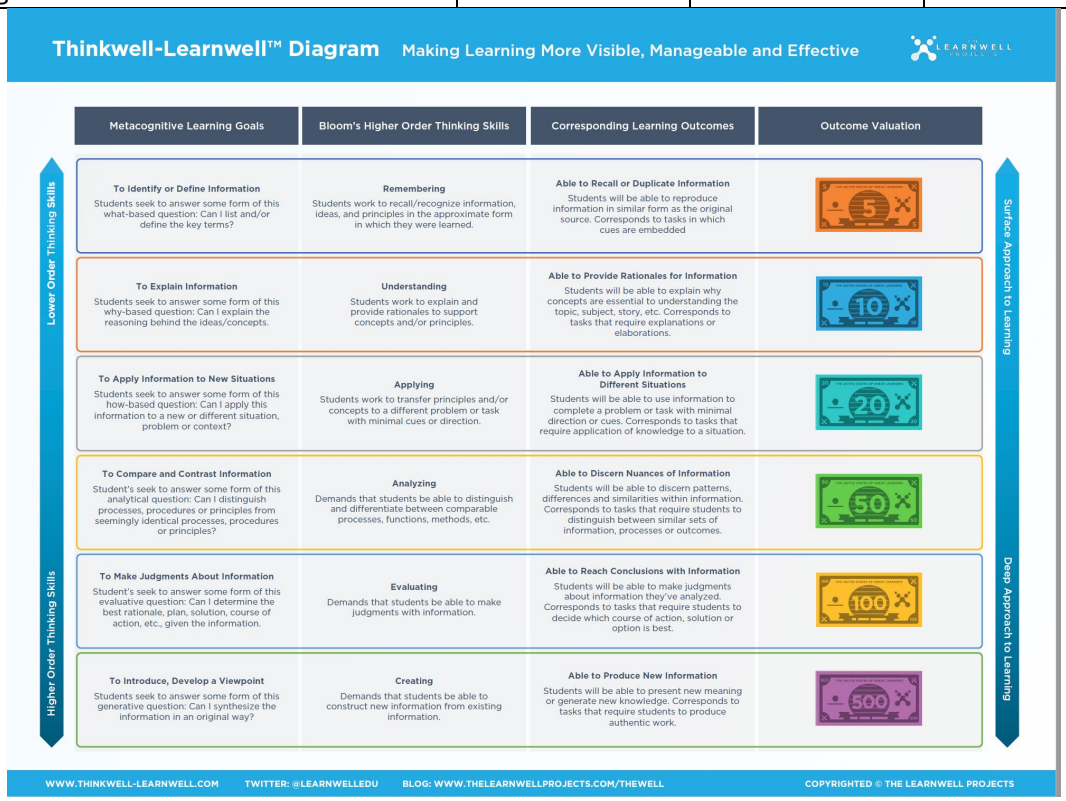
- The website where each chapter is its own page/link: https://pressbooks.ulib.csuohio.edu/csu-fyw-rhetoric/

***There will be supplemental readings and information provided by the instructor
Objectives
In this course, we will learn to:

- identify rhetorical purposes and methods of organization appropriate to topic, thesis, and audience;
- collect, read, analyze, and use information from a wide range of sources;
- write a clear, coherent essay observing appropriate grammatical, mechanical, and stylistic conventions;
- write competently in the expository and argumentative modes;
- evaluate, edit, and revise at all stages of the writing process

Alignment with Program Outcomes

Course Learning Outcome	**ThinkWell/Learn - Well Diagram**	**General Education Competency**	**AHSS Certificate Outcomes**
Analyze rhetorical elements in a wide range of texts	Analyzing	1	1
Compose thesis-driven academic essays	Creating	2,3,4	1, 2
Practice grammatical, mechanical, and stylistic conventions of academic writing	Applying	3	1
Summarize and synthesize information from a variety of sources	Evaluating	1,2,4	3
Integrate sources into original academic writing	Creating	4	1-5



General Education Competency -- Communication

Students will demonstrate the ability to communicate effectively and to analyze communication critically in both oral and written mediums. Students who complete the communication skills requirement will be able to:

1. Analyze, interpret, evaluate, and synthesize information to support an argument or conclusion.
2. Choose a topic and develop it for a specific audience, purpose, and context.
3. Employ the conventions of standard American English.
4. Identify and apply standards of academic integrity, including the use, attribution, and documentation of source material in an appropriate style.

AHSS Outcomes

This course supports the learning outcomes for the Arts, Humanities, and Social Sciences Certificate. For more information, see the academic catalog. Students completing the AHSS Certificate program will demonstrate aptitude in the following areas:

1. Communication–Students completing the certificate program will demonstrate the ability to deliver highly polished verbal communication appropriate to the audience and context.
2. Analysis and Interpretation–Students will demonstrate familiarity with various analytical frameworks associated with humanities and social science disciplines and thoughtfully apply them to social, historical, and other human phenomena.
3. Conceptual Translation–Students will demonstrate the ability to create connections between concepts in one area of human experience and adapt and apply them to another.
4. Epistemic Awareness–Students will recognize and describe different frameworks for constructing knowledge in the disciplines and the underlying assumptions, methods, and applications of that knowledge.
5. Reflective Learning and Responsibility–Students will demonstrate strategic and reflective learning through course content and develop a healthy critical analysis of their own responses.

Work

Assignments (examples)

- Short Writing Assignments
- Larger Writing Projects
- In-Class Writing Activities: discussions and small group work
- Presentations
- Collaboration
- Other

Assignment Weights (example)

- Papers & Presentations: 80%
- Project #1: Popular Science Article: 20%
- Project #2: STEM Rhetorical Analysis: 20%
- Project #3: Proposal Argument: 30%
- Project #3 Presentation: 10%
- Short Assignments: 10%
- Collaboration & Participation: 10%

Total: 100%

Grade Scale

A = 93 and above	A- = 92.9-90	
B+ = 87-89.9	B = 83-86.9	B- = 80-82.9
C+ = 77-79.9	C = 73-76.9	C- = 70-72.9
D += 67-69.9	D = 60-66.9	F = 59.9 and Below

Tentative Course Schedule – Topics

Week #1:

- Weekly Topic: Introduction to Composition & Rhetoric
    - Day 1: Syllabus review & Canvas Overview
    - Day 2: What is good writing?
    - First Day Attendance Assignment: What is good Writing?
    - Rhetorical Assignment I
- **Readings:** due by Sunday
    - Chapter 1: Intro to Writing: https://oer.galileo.usg.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1007&context=english-textbooks
    - Chapter 2: The Writing Process: https://oer.galileo.usg.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1007&context=english-textbooks

Week #2:

- Weekly Topic: Exploring Rhetoric and Good Writer skills
    - Day 1: Discussion & Exploration Rhetorical Modes of Writing
    - Day 2: Discussion & Exploration Good Writers Are Good Readers

- Readings: due by Sunday
    - due by class time: Chapter 3: Rhetorical Modes of Writing: https://oer.galileo.usg.edu/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1007&context=english-textbooks
    - due by class time: Chapter 2: Reading in a Writing Class: https://pressbooks.ulib.csuohio.edu/csu-fyw-rhetoric/

Week #3 - 5: Begins our first writing project of three: reminder – dates are subject to change. I reserve the right to Alter assignments. Please use the Canvas modules for up-to-date assignments and deadlines. This is only to be used to help you get a general understanding of the course.

Essay #1: An Informative & Surprising Essay (3 -5pgs): This essay asks you to inform your audience on a Stem subject with information that will be new and surprising to the audience. Consider the audience's knowledge base and what new information would engage and surprise them.

- Thinking Critically Assignment: 09/19/21
- Research Log: Due 09/19/21 – 11:59 pm
- Rough Draft: Due 09/28/21 – 11:59 pm
- Peer Review – Due 10/02/21 – 11:59 pm
- Final Draft – Due 10/05/21 – 11:59 pm

Week #6- 8: Essay #2: Textual/Rhetorical Analysis(4-6 pgs) – This essay requires students to analyze how a particular text uses details suited to the writer's purpose and pattern to achieve his/her goal.

- Article Selection – Due 10/11/21 – 11:59 pm
- Reading Log – Due 10/18/21 – 11:59 pm
- Rough Draft – Due 10/19/21 – 11:59 pm
- Peer Review – Due 10/23/21 – 11:59 pm
- Final Draft – Due – 10/26/21 – 11:59 pm

Week #7 – 16: Essay #3: Proposal(5-8 pgs. Plus slide presentation)– This essay will require students to investigate a contemporary problem and argue (1) that the problem exists and matters, (2) how to solve the problem, (3) the feasibility of the solution, and (4) that the benefits of the solution reach the appropriate parties. For this essay assignment, students must use at least four sources of scholarly merit.

- Research Log – Due 10/26/21 – 11:59 pm
- Rough Draft – Due 11/09/21 – 11:59 pm
- Peer Review – Due 11/13/21 – 11:59 pm
- Final Draft – Due 11/23/21 – 11:59 pm
- Presentation Exploration Week: 11/16 – 11/22
- Presentation Prep Week: 11/23 – 11/29
- Presentations – Due 12/03/21 – 11:59 pm
- Project reflection – Due 12/03/21 – 11:59 pm
- Team Evaluations – Due 12/03/21 – 11:59 pm

ENC 2210 -- Technical Writing

Spring 2023

Catalog Course Description

This course focuses on the forms, formats, and genres of business, government, professional, and technical communication. Students are given opportunities to practice creating proposals, reports, applications, and resumes. This course meets communication/writing-intensive requirements (W). Prerequisites: ENC 1101.

Gordon Rule (6A-10.030)

Yes. This course meets communication/writing-intensive requirements (W).

Course Objectives

Upon successful completion of this course, students will be able to:

- Demonstrate writing and speaking processes though invention, organization, drafting, revision, editing, and presentation.
- Define audience and purpose.
- Employ descriptive, expository, narrative, scientific modes of expression in technical communications (written, visual, and oral).
- Participate effectively in groups with emphasis on listening and responding as well as collaborative brainstorming, creation, and revision.
- Apply principles of critical thinking, problem-solving, and technical proficiency in the development of technical documents.
- Research and write technical documents and to give oral presentations on technical subject matters.
- Employ coherent strategies of organization in technical documents, including using elements of visual organization.

Alignment with Program Outcomes

Course Learning Outcome	**ThinkWell/LearnWell Diagram**	**General Education Competency**	**AHSS Certificate Outcomes**
Write and design clear, usable professional and technical documents in a variety of genres	Creating (level 6)	1, 2, 3	1
Find, evaluate, and integrate credible source materials using library databases and other sources	Analyzing/Evaluating (levels 4, 5)	1, 4	1, 3
Use audience-appropriate rhetorical strategies	Applying (level 3)	1, 2	1
Create effective oral and visual presentations	Creating (level 6)	1, 2, 3, 4	1

General Education Competency -- Communication

Students will demonstrate the ability to communicate effectively and to analyze communication critically in both oral and written mediums. Students who complete the communication skills requirement will be able to:

1. Analyze, interpret, evaluate, and synthesize information to support an argument or conclusion.
2. Choose a topic and develop it for a specific audience, purpose, and context.
3. Employ the conventions of standard American English.
4. Identify and apply standards of academic integrity, including the use, attribution, and documentation of source material in an appropriate style.

AHSS Certificate Outcomes

This course supports the learning outcomes for the Arts, Humanities, and Social Sciences Certificate. For more information, see the academic catalog. Students completing the AHSS Certificate program will demonstrate aptitude in the following areas:

6. Communication–Students completing the certificate program will demonstrate the ability to deliver highly polished verbal communication that is appropriate to audience and context.
7. Analysis and Interpretation–Students will demonstrate familiarity with a range of analytical frameworks associated with humanities and social science disciplines and apply them thoughtfully to social, historical, and other human phenomena.
8. Conceptual Translation–Students will demonstrate the ability to create connections between concepts in one area of human experience and adapt and apply them to another.
9. Epistemic Awareness–Students will recognize and describe different frameworks for constructing knowledge in the disciplines and the underlying assumptions, methods, and applications of that knowledge.
10. Reflective Learning and Responsibility–Students will demonstrate strategic and reflective learning through course content and develop a healthy critical analysis of one's own responses.

Required Texts/Resources

- Open Technical Communication
- Technical Writing Essentials
- Purdue Online Writing Lab
- UNC Chapel Hill Writing Center
- Additional weekly readings available on Canvas

Equipment and Materials

Students must have access to a computer, internet service, and word processing software. Students are expected to actively use their Florida Poly email and the class section of Canvas. Students should verify computer software and hardware requirements to ensure course work can be submitted successfully. All assignments are submitted through Canvas (unless otherwise noted). Contact student support if you need assistance with accessing a computer and/or internet access.

Grading Scale

You will be given a final course letter grade that reflects a point percentage equivalent as follows (see also University Grading Policy):

- A = 93% and above, A- = 90%-92%
- B+ = 87%-89%, B = 83%-86%, B- = 80%-82%
- C+ = 77%-79%, C = 73%-76%, C- = 70%-72%
- D+ = 67%-69%, D = 63%-66%, D- = 60%-62%
- F = 59% and Below

Grade Distribution

As ENC 2210 is a writing-intensive course, students enrolled in this class will produce a significant body of writing during the semester. Your grades will be posted to Canvas as they become available, and you should check the Canvas gradebook regularly.

Final grades are calculated as follows:

- 50%: Projects/Presentation (Career Portfolio, Team Project, Presentation, and Report)
- 10%: Online Discussions/Quizzes
- 20%: Homework
- 10%: Attendance
- 10%: Participation/In-Class Activities

Topics List

- Intro. to Technical Communication, Standards of Technical Writing
- Ethical and Legal Considerations
- Writing Collaboratively
- Analyzing Audience and Purpose
- Researching Your Subject
- Writing Job Application Materials
- Writing for Your Readers
- Writing Correspondence, Workplace Communication
- Designing for Print and Online
- Creating Graphics, Data Misrepresentation
- Writing Manuals and Instructions
- Writing Definitions and Descriptions
- Writing Proposals
- Writing Reports
- Usability and User-Testing
- Developing Technical Presentations