



COURSE

Course Number: CIS 225

Course Title: Data Communication & Networks

Course Description: Introduction to fundamental concepts in designing and implementing computer communication networks, their protocols, and architectures. Students understand how popular network applications such as Web browsers, FTP clients, remote connections, and email work on computer networks. Topics include TCP/IP and OSI architecture, application layer (Web, FTP, remote connection, email, client and server interaction), transport layer (TCP/UDP), network layer (IP), data link layers, and concept of local area network (LAN) and wide area network (WAN).

Prerequisites: CIS 120 Data Structure and Algorithms (or concurrent registration)

Credits: 4

Start Date: 9/6/2022

End Date: 12/22/2022

Mode of Delivery: Online Lecture & Lab

Textbook: 6th Edition Networking Essentials A CompTia Network+ N10-008
ISBN-13: 978-0-13-745592-8

Learner Supplies: High-speed internet access, computer with administrative rights

INSTRUCTOR

Instructor Name: Jamie Chavez

Email: jchavez@uwsp.edu

Office Hours: Tuesday 4:00-5:00 PM, virtual using [Zoom](#) by appointment

Contact Information: Please feel free to email or through Canvas using the contact information provided. I will respond to your message within 1 business day. All emails should include your full name, course name, and a detailed, professional message. You can also schedule an appointment to see me during office hours.



ASSESSMENT

Assessment: This course is a performance-based course designed for your success. A variety of learning concepts will be studied over the course of the semester. Each module will have practice and assessment activities that will evaluate your performance in the course competencies. Your grade will be based on your ability to demonstrate all course competencies. Final course grades can be viewed by going to accesSPoint at www.uwsp.sis.wisconsin.edu.

Letter Grade:	A	=> 93% and has met all course competencies
	A-	90% < 93% and has met all course competencies
	B+	87% and < 90% and has met all course competencies
	B	83% < 87% and has met all course competencies
	B-	80% < 83% and has met all course competencies
	C+	77% < 80% and has met all course competencies
	C	73% < 77% and has met all course competencies
	C-	70% < 73% and has met all course competencies
	D+	65% < 70% and/or has not met all course competencies
	D	60% < 65% and/or has not met all course competencies
	F	0% < 60% and has not met all course competencies

Assessment Types: The following lists the assessment type, quantity, weight within the course, and the total number of points that can be earned.

Assessments Type	Quantity	Points	Total Points	Weight
Introduction	1	5	5	1%
Labs	13	10	130	31%
Discussion	6	15	90	21%
Exams	2	100	200	47%
Total	22	130	425	100%



- Late Work:** A critical component of success in the field is the ability to meet deadlines and stay on schedule. Therefore, we will model this component in this course. Late work will incur the following penalties:
- 20% will be deducted if work is submitted up to one week late.
 - Work submitted more than one week late will not receive any credit.
 - Late work during the last two weeks of class will not receive any credit.
- Exceptions:** Reasonable allowances for personal illness, legitimate absences which accommodate the Americans with Disabilities Act (ADA), and absences for sincerely held religious beliefs. It is important to contact me before a missed due date to make arrangements for missed coursework whenever possible. Exceptions will be granted only in writing, and a note of this exception must be included in your submission.
- Grading:** Turn-around time for grading can be expected a few days after the assigned due date has concluded or approximately one week. Sometimes it may take longer than expected however, at any time there is a concern about your coursework you can reach out to discuss it during office hours. If work is not submitted a 0 will be automatically entered until received. (See late work policy.) The grading of late work will not be prioritized and will be the last to be graded.

SCHEDULE

Assignment	Points	Due Date By 11:59 PM
Introduction	5	9/8/2022
Chapter 1: Lab	10	9/15/2022
Module 1: Discussion	15	9/15/2022
Chapter 2: Lab	10	9/22/2022
Chapter 3: Lab	10	9/29/2022
Module 2: Discussion	15	9/29/2022
Chapter 4: Lab	10	10/6/2022
Chapter 5: Lab	10	10/13/2022
Chapter 6: Lab	10	10/20/2022
Module 3: Discussion	15	10/20/2022



Chapter 7: Lab	10	10/27/2022
Chapter 8: Lab	10	10/3/2022
Module 4: Discussion	15	11/10/2022
Mid-Term Exam	100	11/10/2022
Chapter 9: Lab	10	11/17/2022
Chapter 10: Lab	10	11/24/2022
Chapter 11: Lab	10	12/1/2022
Module 5: Discussion	15	12/1/2022
Chapter 12: Lab	10	12/8/2022
Chapter 13: Lab	10	12/15/2022
Module 6: Discussion	15	12/15/2022
Final Exam	100	12/22/2022

STUDENT SUPPORT AND RESOURCES

Contact Information:

STUDENT SUPPORT AND RESOURCES

ACADEMIC AND CAREER ADVISING CENTER
CCC 209
715-346-3226
acac@uwsp.edu

LIBRARY—CIRCULATION AND INFORMATION
CCC 130
715-346-2540
libcirc@uwsp.edu

TUTORING-LEARNING CENTER
CCC 234
715-346-3568
tictutor@uwsp.edu

DISABILITY RESOURCE CENTER
CCC 108
715-346-3365
datctr@uwsp.edu

OFFICE OF INTERNATIONAL EDUCATION
DUC 203
715-346-2717
oie@uwsp.edu

University College
University of Wisconsin-Stevens Point

Contact Webpages: [Academic and Career Advising Center](#)
[Disability Resource Center](#)
[Library](#)
[Office of International Education](#)
[Tutoring and Learning Center](#)

Campus Resources: [Dean of Students Office](#), 212 Old Main, 715-346-2611
[Counseling Center](#), Delzell Hall, 715-346-3553.
[Student Health Services](#), Delzell Hall, 715-346-4646