

Course Orientation

Instructor Introduction

Hello! My name is Wingyan Chung (my first name is pronounced as "Wing-Yan"). It is my great pleasure to be the instructor of this course! I am a faculty at the Institute for Simulation and Training. I received a Ph.D. in Management Information Systems from the University of Arizona and have taught data analytics for undergraduate and graduate students. Aside from teaching this course, I do research on cybersecurity, social media analytics, big data, text and web mining, and network science. More details about me are available on [my webpage \(http://pegasus.cc.ucf.edu/~cyber/wchung\)](http://pegasus.cc.ucf.edu/~cyber/wchung).

As your instructor, I am glad to help you achieve your learning goals in this course. Please feel free to contact me if you encounter any issues. The preferred contact method is to use the conversations tool within Webcourses@UCF system (click the link labeled "Inbox" on the webcourses@UCF site or tap "Messages" in the Canvas mobile app). Alternatively, you may email me at wchung@ucf.edu (<mailto:wchung@ucf.edu?subject=IDC6XXX%20Cybersecurity%20Informatics>) or call me at (407) 882-1300 (leave a voice message if you cannot reach me immediately). I will try my best to respond to all your concerns in a timely manner (within 48 hours).

I look forward to serving you well in this course!

Course Introduction

This course introduces fundamental concepts, techniques, and tools in managing, analyzing, and interpreting data for cybersecurity informatics. The concepts and techniques include data description, modeling of user requirements and data properties, statistical summarization, making inferences from data, machine learning, and network analytics. Students will learn to use contemporary software tools to support the informatics process and research development.

Getting Started Assignments

Please complete these assignments before start of the first week.

- Read [Syllabus \(https://webcourses.ucf.edu/courses/1176456/assignments/syllabus\)](https://webcourses.ucf.edu/courses/1176456/assignments/syllabus)
- Review [Calendar \(https://webcourses.ucf.edu/calendar\)](https://webcourses.ucf.edu/calendar)
- Review [Course Expectations \(https://webcourses.ucf.edu/courses/1176456/pages/course-expectations\)](https://webcourses.ucf.edu/courses/1176456/pages/course-expectations)
- Review [Course Schedule \(https://webcourses.ucf.edu/courses/1176456/pages/course-schedule-w\)](https://webcourses.ucf.edu/courses/1176456/pages/course-schedule-w)
- Complete [Syllabus Quiz \(https://webcourses.ucf.edu/courses/1176456/quizzes/1443272\)](https://webcourses.ucf.edu/courses/1176456/quizzes/1443272)
- Participate in [Introduction Discussion \(https://webcourses.ucf.edu/courses/1176456/discussion_topics/3746356\)](https://webcourses.ucf.edu/courses/1176456/discussion_topics/3746356)
- Review [Knights Online \(http://online.ucf.edu/learn-online/knights-online/\)](http://online.ucf.edu/learn-online/knights-online/)
- Access Help resources
 - Technical assistance is provided by [OnlineSupport@UCF \(http://online.ucf.edu/support\)](http://online.ucf.edu/support)
 - Built-in Help is located in the upper right hand corner.

