University of Central Florida

College of Engineering and Computer Science

DEPARTMENT OF

COMPUTER SCIENCE

CIS 4004 Web-Based Information Technology Syllabus

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Office hours: Monday, Wednesday, Friday @ 12:00 – 2:00 P.M.
Office location: HEC 412

Course: CIS 4004 Web-Based Information Technology
Term: Spring 2024
Credit hours: 3
Course modality: P
Class meeting days: Tuesday, Thursday
Class meeting time: 12:00 – 1:15 PM
Class location: Classroom Building 2, Room 106 (CB2 106)

GTA: Pam Kitsuwan
Email: Webcourses email

GTA: Chandu Siddi
Email: Webcourses email

GTA: Naga Durga Reetika Chowdary Monavarthi
Email: Webcourses email

Prerequisite
CNT 3004 and COP 3330

Course Overview
This course will expose you to the world of web-based information technology including markup languages, client-side and server-side scripting languages, digital libraries, media formats, compression techniques, streaming media, mobile Internet and WML (wireless markup language). We'll also examine emerging technologies and capacity planning techniques for web services.

Required textbook
zyBooks CIS 4004 Web Based Information Technology

Welcome to your class zyBook

Instructions for your students

◯ Students will access zyBooks directly.

◉ Students will access zyBooks through links in an LMS (Blackboard, Canvas, etc.)

Please provide the following instructions to your students. Copy into your syllabus, discussion board, etc.

Copy instructions to clipboard

1. Click any zyBooks assignment link in your learning management system (Do not go to the zyBooks website and create a new account)

2. Subscribe

A subscription is **$58**. Students may begin subscribing on Dec 25, 2023 and the cutoff to subscribe is Apr 18, 2024. Subscriptions will last until May 17, 2024.

Done

To register

1. Go to Week 2 Module, click on the zyBooks Chapter 1 Participation or Challenge assignment

Chapter 1 Participation
Jan 22 | 79 pts

Chapter 1 Challenge
Jan 22 | 16 pts

2. Click the button to be redirected to zyBooks

Chapter 1 Participation

This tool needs to be loaded in a new browser window

Load Chapter 1 Participation in a new window

Payment options for zyBooks
1. Pay zyBooks directly now.
2. Purchase an Access Key/Access Code from the UCF Bookstore.
3. Request a temporary subscription from zyBooks by emailing support@ zybooks.com.
Once the trial period ends, you will need to pay zyBooks directly at some point.

In person instruction
This course is scheduled as an in person instructed course. In person attendance is recommended but not required.

Classroom Policy
Interactive discussions of the topic are highly encouraged, learn from each other as well as the instructor and teaching assistants. During Zoom lecture sessions, please mute the microphone.

Contacting the instructor
I prefer and ask that you email me through **Webcourses** email only.

Webcourses
Webcourses is an online course management system (accessed through my.ucf.edu and then the "Online Course Tools" tab) which will be used as a medium for turning in assignments and a forum for communication regarding the course.

Assignments
Programming project assignments are to be completed outside lecture class meeting time independently. The course assignments build upon an overall one long project (OLP). There are recurring assignments to complete the OLP.

Assignments must be submitted via Webcourses. No assignments will be accepted via Outlook or Webcourses email. Students are responsible for correctly submitting assignments to Webcourses. Submitting an incorrectly formatted assignment **cannot** be resubmitted via Outlook email, Webcourses email or the Comments section in Webcourses assignment submission.

I do not accept late work, once the three-day grace period has ended and an assignment is not submitted, it will be graded with a 0.

zyBooks assignments
zyBooks assignments are to be completed outside lecture class meeting time independently. Due dates are provided to keep students on track with the lecture and assignment components of the course. **There is no three-day grade period associated with these assignments.**

Due to the significant value of students performing zyBooks assignments, students have the option to continue working after a due date has passed in zyBooks by accessing a current assignment or logging in to zyBooks directly.

Students will be provided an opportunity at the end of the semester to transfer any updated or missing grades from zyBooks to Webcourses.

It is the student's responsibility to ensure their zyBooks assignments grades are accurate and complete.

Grading
Teaching Assistants have seven calendar days from the last date an assignment can be submitted to grade submitted work. I actively monitor the assignment grading process so students are aware of their standing in the course at all times.

Grade Disputes
Students have seven calendar days from the date their assignment grade was published to dispute their grade. After seven days, I will not discuss an assignment grade dispute.
This is to ensure that grades are current.

Grade Dissemination
To comply with the [Family Educational Rights and Privacy Act (FERPA)](#), grades must not be released to third parties, which includes posting grades by name, SSN, or UCFID. To ensure students have prompt feedback, and knowledge of their progress, faculty members must record all grades in Webcourses@UCF and follow student data classification and security standards.

Exams
Exams are given as closed book, closed notes format and will be provided online and monitored via the integrated tool Respondus. Exams are timed based on the number of questions for the exam.
No makeup exams will be provided.

Respondus
Respondus is a software application used to create and manage quizzes, self-tests, and surveys that can be published directly into Webcourses@UCF. This software also makes it easier to manage assessments. Even though Respondus is native to Windows, Mac users can run Respondus using virtualization software (e.g., VMware or [Parallels](#)) or [Bootcamp.](#) For more information about Respondus, visit the [Respondus website.](#)
   URL: https://cdl.ucf.edu/support/webcourses/respondus/
   For assistance with setup, contact Webcourses@UCF Support at 407-823-0407

Final exam
No final exam, this is a project-based course.

Quizzes
All faculty members are required to document students' academic activity at the beginning of each course. In order to document that a student began this course, please complete the syllabus quiz by **Friday, January 12, 2024**. Failure to do so will result in a delay in the disbursement of your financial aid.
Additional quizzes will be given online on a recurring basis to reinforce concepts taughtin

the lectures.
Once the due date for the quiz has passed, they are not reopened.

Course Resources
The following are resources available to assist during this course, though is not an exhaustive list
- Classroom lectures
- Required text book zyBooks
- Lecture slides and review exercises
- Webcourses
- Publishers web site and slides
- Use the internet or other text books
- Contact instructor or TAs during office hours or email
- Zoom

Important Dates:
- **Classes begin:** Monday, January 8, 2024
- **Exam 1:** Due February 11, 2024 @ 11:59 P.M.
- **Exam 2:** Due March 17, 2024 @ 11:59 P.M.
- **Exam 3:** Due April 21, 2024 @ 11:59 P.M.
- **Classes end:** April 19, 2024
- **Grades due to registrar:** May 3, 2024 @ 12:00 P.M.

Holidays (no classes held):
- **Martin Luther King, Jr. Day:** Monday, January 15, 2024
- **Spring break:** March 18 – 24, 2024

Assignment grading:

Date submitted	Eligible credit
On or before due date	100
One day late	90
Two days late	80
Three days late	70
Four or more days late	0

Grading Rubric:

Graded Item	Weighted Percentage
OLP Project	35
zyBooks Challenge	20
zyBooks Participation	15
Exams	25
Exam 1	
Exam 2	
Exam 3	
Quizzes	5
Total	**100**

Final grade range:

Letter	Range (%)
A	94 – 100
A-	90 – 93
B+	87 – 89
B	84 – 86
B-	80 – 83
C+	77 – 79
C	74 – 76
C-	70 – 73
D+	67 – 69
D	64 – 66
D-	61 – 63
F	0 – 60

Curving of final grades for the course:
I do not curve.

Proposed Schedule

Week	Activity
1	▪ HTML
2	▪ CSS
3	▪ Bootstrap
4	▪ Bootstrap
5	▪ JavaScript ▪ Exam 1
6	▪ JavaScript
7	▪ jQuery
8	▪ PHP
9	▪ PHP
10	▪ Exam 2 ▪ React
11	▪ Spring break
12	▪ React
13	▪ React
14	▪ React
15	▪ React ▪ Exam 3
16	▪ Classes end

Academic Integrity

Students should familiarize themselves with UCF's Rules of Conduct at <https://scai.sdes.ucf.edu/student-rules-of-conduct/>. According to Section 1, "Academic Misconduct," students are prohibited from engaging in

1. Unauthorized assistance: Using or attempting to use unauthorized materials, information or study aids in any academic exercise unless specifically authorized by the instructor of record. The unauthorized possession of examination or course-related material also constitutes cheating.

2. Communication to another through written, visual, electronic, or oral means: The presentation of material which has not been studied or learned, but rather was obtained through someone else's efforts and used as part of an examination, course assignment, or project.

3. Commercial Use of Academic Material: Selling of course material to another person, student, and/or uploading course material to a third-party vendor without authorization or without the express written permission of the university and the instructor. Course materials include but are not limited to class notes, Instructor's PowerPoints, course syllabi, tests, quizzes, labs, instruction sheets, homework, study guides, handouts, etc.

4. Falsifying or misrepresenting the student's own academic work.

5. Plagiarism: Using or appropriating another's work without any indication of the source, thereby attempting to convey the impression that such work is the student's own.

6. Multiple Submissions: Submitting the same academic work for credit more than once without the express written permission of the instructor.

7. Helping another violate academic behavior standards.

8. Soliciting assistance with academic coursework and/or degree requirements.

Responses to Academic Dishonesty, Plagiarism, or Cheating

Students should also familiarize themselves with the procedures for academic misconduct in UCF's student handbook, *The Golden Rule* <https://goldenrule.sdes.ucf.edu/>. UCF faculty members have a responsibility for students' education and the value of a UCF degree, and so seek to prevent unethical behavior and respond to academic misconduct when necessary. Penalties for violating rules, policies, and instructions within this course can range from a zero on the exercise to an "F" letter grade in the course. In addition, an Academic Misconduct report could be filed with the Office of Student Conduct, which could lead to disciplinary warning, disciplinary probation, or deferred suspension or separation from the University through suspension, dismissal, or expulsion with the addition of a "Z" designation on one's transcript.

Being found in violation of academic conduct standards could result in a student having to disclose such behavior on a graduate school application, being removed from a leadership position within a student organization, the recipient of scholarships, participation in University activities such as study abroad, internships, etc.

Let's avoid all of this by demonstrating values of honesty, trust, and integrity. No grade is worth compromising your integrity and moving your moral compass. Stay true to doing the right thing: take the zero, not a shortcut.

Unauthorized Use of Websites and Internet Resources
There are many websites claiming to offer study aids to students, but in using such websites, students could find themselves in violation of academic conduct guidelines. These websites include (but are not limited to) Quizlet, Course Hero, Chegg Study, and Clutch Prep. UCF does not endorse the use of these products in an unethical manner, which could lead to a violation of our University's Rules of Conduct. They encourage students to upload course materials, such as test questions, individual assignments, and examples of graded material. Such materials are the intellectual property of instructors, the university, or publishers and may not be distributed without prior authorization. Students who engage in such activity could be found in violation of academic conduct standards and could face course and/or University penalties. Please let me know if you are uncertain about the use of a website so I can determine its legitimacy.

Unauthorized Distribution of Class Notes
Third parties may attempt to connect with you to sell your notes and other course information from this class. Distributing course materials to a third party without my authorization is a violation of our University's Rules of Conduct. Please be aware that such class materials that may have already been given to such third parties may contain errors, which could affect your performance or grade. Recommendations for success in this course include coming to class on a routine basis, visiting me during my office hours, connecting with the Teaching Assistant (TA), and making use of the Student Academic Resource Center (SARC), the University Writing Center (UWC), the Math Lab, etc. If a third party should contact you regarding such an offer, I would appreciate your bringing this to my attention. We all play a part in creating a course climate of integrity.

In-Class Recording
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. A class lecture is defined as a formal or methodical oral presentation as part of a university course intended to present information or teach enrolled students about a particular subject. 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), clinical presentations such as patient history, academic exercises involving student participation, test or examination administrations, field trips, private conversations between students in the class or between a student and the faculty member, and invited guest speakers is prohibited. Recordings may not be used as a substitute for class participation and class attendance, and may not be published or shared without the written consent of the faculty member. Failure to adhere to these requirements may constitute a violation of the University's Student Code of Conduct as described in the Golden Rule.

Course Accessibility Statement

The University of Central Florida is committed to providing access and inclusion for all persons with disabilities. Students with disabilities who need disability-related access in this course should contact the professor as soon as possible. Students should also connect with Student Accessibility Services (SAS) **http://sas.sdes.ucf.edu/** (Ferrell Commons 185, sas@ucf.edu, phone 407-823-2371). Through Student Accessibility Services, a Course Accessibility Letter may be created and sent to professors, which informs faculty of potential access and accommodations that might be reasonable. Determining reasonable access and accommodations requires consideration of the course design, course learning objectives and the individual academic and course barriers experienced by the student.

Deployed Active Duty Military Students

Students who are deployed active duty military and/or National Guard personnel and require accommodation
should contact their instructors as soon as possible after the semester begins and/or after they receive notification of deployment to make related arrangements.

Emergency Procedures

The University of Central Florida will make reasonable efforts to provide notification about emergencies and natural or man-made disasters affecting the university.

Campus Safety

Emergencies on campus are rare, but if one should arise during class, everyone needs to work together. Students should be aware of their surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.

- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Students should make a note of the guide's physical location and review the online version at <http://emergency.ucf.edu/emergency_guide.html>.

- Students should know the evacuation routes from each of their classrooms and have a plan for finding safety in case of an emergency.

- If there is a medical emergency during class, students may need to access a first-aid kit or AED (Automated External Defibrillator). To learn where those are located, see <https://ehs.ucf.edu/automated-external-defibrillator-aed-locations>.

- To stay informed about emergency situations, students can sign up to receive UCF text alerts by going to <https://my.ucf.edu> and logging in. Click on

"Student Self Service" located on the left side of the screen in the toolbar, scroll down to the blue "Personal Information" heading on the Student Center screen, click on "UCF Alert", fill out the information, including e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."

- Students with special needs related to emergency situations should speak with their instructors outside of class.

- To learn about how to manage an active-shooter situation on campus or elsewhere, consider viewing this video (<https://youtu.be/NIKYajEx4pk>).