CS111.WS1 – Concepts of Computer Science

◢ Winter Session - Online/asynchronous ◣

l Socratis Tornaritis l stornar@siue.edu l V.O.H. By Zoom appointment l

Objective: To give users real insights, experiences, and practical skills relating to the exciting world of computing technology. Understanding computing technology benefits nearly anybody today, not only demystifying the amazing world of the Internet, the web, computers, smartphones, the cloud, and more, but helpful people become better purchasers and users of computing technology too. The course covers core computing technology concepts, striving to have the student really learn each concept.

Prerequisites: none.

V.O.H: Office hours will be virtual and held over *Zoom*. Students should email instructor to set up an appointment.

Bb: Blackboard will be the Learning Management System used for this course.

eBook: The eBook used for the course, provided by ZyBooks. Follow these steps to set up your account and subscribe to the ebook. The subscription is free of charge, but you must create an account. Use your first and last names as they appear on SIUE's Banner system (no nicknames, or preferred names).

1. Sign in or create an account at *learn.zybooks.com*
2. Enter zyBook code: **SIUECS111TornaritisWinter2023**
3. Subscribe to section ws1 if asked.

Course website: The instructor's web site at *www.cs.siue.edu/~stornar*.

Class delivery: The course delivery mode will be online and fully asynchronous. Students may work on each assessment at their own pace, as long as each is completed before its due date listed below in the timetable and in Bb.

All assessments will be available on day one and students are encouraged to work ahead to overcome holiday constraints.

Assessment: The following assessment measures will be used.

A >= 540, B >= 480, C >= 420, D >= 360, F >= 0

Chapter readings [150]

There will be a total of 15 chapter readings. Each chapter includes embedded interactive activities to accompany the actual readings. A 95% completion on each will earn students full marks. Each chapter should not take more than 1-2 hours (worst case) to complete. Administered on ZyBooks.

By the end of each week (23:59 Sunday), students should have read five chapters. The timetable below shows the required chapter readings for each week.

Chapter exams [450]

There will be a total of 15 end-of-chapter online exams. Each exam will consist of 15 multiple choice questions and students will have 15 minutes to complete. Only one attempt at the exam will be allowed so students should be mindful to not start an exam they are not ready for. The exams are to be attempted without any external help of any kind. Administered on Bb.

By the end of each week (23:59 Sunday), students should have attempted five chapter exams. The timetable below shows the required chapter exams for each week.

Late-work policy: No late completions/attempts will be accepted for any reason. It is the student's responsibility to complete all readings and attempt all exams on time or ahead of time, so please have a backup to prevent any failure to complete/attempt any reading/exam.

Make-up policy: In order to be considered for a make-up, a student must be proactive and not reactive. Students should inform the instructor of any scheduled absence or difficulty in meeting a deadline, in advance (proactive) not after the fact (reactive). On special unforeseen occasions such as a medical emergency, family hardship, natural disaster or anything that is out of a student's control, the instructor should be notified as soon as possible and proper documentation should substantiate the absence. The instructor will have the final say in all such decisions regarding make-ups and assessed penalties if applicable.

Course Material: Students should not post any provided material for this course on any publicly available location, such as social media or shared cloud drives. Materials provided for the course that are provided by the instructor, other SIUE instructors and the textbook publisher may not be reproduced and/or posted to any electronic repository that is accessible to anyone except yourself. That is, no material for this course may be shared or posted by a student or linked by a student to any outlet such as (but not limited to) social media sites, web pages or public folders on cloud storage systems (such as

Dropbox, Google Drive or OneDrive). All materials (whether behind secure sites or publicly available) are for the student's use only in this course and the creators do not grant permission for any other use.

Academic misconduct: Academic honesty is a serious issue at SIUE, in the School of Engineering, in the Department of Computer Science, and with this instructor. Penalties for dishonest behavior will be severe. Even a single occurrence of plagiarism of English text, or program code, within a graded activity (e.g., homework, project, or exam) is grounds for academic discipline and a letter grade of 'F' in the course.

Expectations: As the course is fully online and asynchronous it will benefit students to plan a weekly schedule to handle each week's requirements. It is highly recommended that each chapter (reading, exam) is completed as early in the week as possible and that students work ahead to anticipate bottlenecks. Use your favorite technology (calendar, reminders, notes...) to set up and organize your due dates so you never forget an assessment requirement.

Support services:

Option 1: Students needing accommodations because of medical diagnosis or major life impairment will need to register with Accessible Campus Community & Equitable Student Support (ACCESS) and complete an intake process before accommodations will be given. Students who believe they have a diagnosis, but do not have documentation, should contact ACCESS for assistance and/or appropriate referral. The ACCESS office is located in the Student Success Center, Room 1203. You can also reach the office by emailing us at *myaccess@siue.edu* or by calling *618-650-3726*.

If you feel you would need additional help in the event of an emergency situation, please notify your instructor to be shown the evacuation route and discuss specific needs for assistance.

Option 2: It is the policy and practice of Southern Illinois University Edwardsville to create inclusive learning environments. If there are aspects of the instruction or design of this course that result in barriers to your inclusion or to accurate assessment of achievement—such as time-limited exams, inaccessible web content or the use of non-captioned videos—please contact Accessible Campus Community and Equitable Student Support (ACCESS) as soon as possible. In order to properly determine reasonable accommodations, students must register with ACCESS either online at *siue.edu/access* or in person in the Student Success Center, Room 1203. You can also reach the office by emailing us at *myaccess@siue.edu* or by calling *618-650-3726*.

If you feel you would need additional help in the event of an emergency situation, please notify your instructor to be shown the evacuation route and discuss specific needs for assistance.

Timetable:

Wk *(#)*	Date *(M-Su)*	Chapter reading / exam *(by 23:59 Sun)*
1	Dec 19 - Dec 25	History and Basics Hardware Software The Internet and Web Operating Systems
2	Dec 26 - Jan 01	Productivity Applications Media Applications Web / Mobile Apps Privacy Viruses and Malware
3	Jan 02 - Jan 08	Internet Security Information Systems Online Services Intellectual Property Computing Concepts
Finals week - *This course has no final*		

[All times CDT]*