

Syllabus

Instructor: Dhalla, Hardeep Kaur
Section 1: 100% Online
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Office Hours: MTWR 10:00-11:00 am or by appointment [See Canvas for more details]

Course Description (from the University catalog): Advanced application development features, including exceptions, interfaces, collections, delegates, events, lambdas, and advanced data access techniques. **Prerequisites:** CIS220 and CIS 210.

Course learning outcomes

- Describe and use essential concepts in object-oriented programming such as interfaces, polymorphism, encapsulation, inheritance, and generics.
- Learn advanced application development features such as collections, delegates, events, lambdas.
- Use capabilities of LINQ (Language Integrated Query) to query data.
- Develop desktop applications in C# programming language using Window forms.
- Use ADO.NET Entity Framework to access databases.
- Implement a MVC Web application using ASP.NET Core in Visual studio 2019 IDE (Integrated Development Environment).

Required Textbook

Visual C# How to Program, 6th Edition 2017 By Paul J. Deitel, and Harvey Deitel

ISBN-13: 978-0134601540 ISBN-10: 0134601548

The required textbook is available through Text Rental.

Grading

Completing coursework awards a maximum total of 100 points.

- Assignments: 70 points
- Quizzes: 10 points
- Mid-term exam: 10 points
- Final Exam: 10 points

The final grades will be assigned as a percentage of points earned out of 100 points according to the following scale:

A	100-90%	A-	89-87%	
B+	86-83%	B	82-80%	B- 79-77%
C+	76-73%	C	72-70%	C- 69-67%
D+	66-64%	D	63-60%	F < 60%

Assignments

- Assignments will be posted on Canvas. It is your responsibility to check Canvas on a regular basis.
- Assignments must be submitted electronically through Canvas, unless otherwise instructed.
- In order to be accepted for grading, assignments must be submitted by the given deadline or an extension must be requested from the instructor before the due date.
- Assignments that are turned in late will receive a 20% reduction in points awarded. Submissions that are more than 3 days late will receive 0 points. Missing assignments will receive a grade of 0. No assignments will be accepted during final exam week, unless otherwise specified. The instructor reserves the right to adjust this policy to account for extraordinary situations, such as documented illness or medical emergencies. You are required to inform the instructor as soon as possible of such situations to discuss an extension.
- You are responsible for storing and backing up your assignments. The use of network space, or other storage (Google Drive, Dropbox, external media) are also reasonable. Lost data is not an appropriate excuse for late work and will not be accepted.

Exams

- Quizzes/Exams are online.
- Final exam is comprehensive.
- In general, any test or exam can NOT be made up. If you miss a test or exam due to unavoidable circumstances (e.g., health), You are required to inform the instructor as soon as possible of such situations for an excused absence.

Software and hardware requirements

You will use Microsoft Visual studio 2019 during the course for developing desktop and web applications. The software used during this course will be either freely available online, available in the UWSP Software Center or installed in computer labs.

Academic Dishonesty Policy

- Students may discuss assignments with each other and may seek help from the instructor. However, since assignment scores count as a part of the final grade, students must limit the amount of outside help they receive. Students must not copy any part of another person's work or break an assignment into a team project (unless directed to do so by the instructor). If there is ANY doubt in your mind about the amount of help given/received, you should immediately consult with your instructor BEFORE submitting the assignment.
- Any student who submits an assignment or exam which is in whole or in part the work of another person and any student (whether enrolled in the course or not) who so assists another student will be prosecuted under Chapter UWSP 14 of the Rules of the Board of Regents of the University of Wisconsin System, Wisconsin Administrative Code. Depending upon the severity of the infraction, the consequences of such an act range from a verbal reprimand to an "F" in the course to expulsion from the University.

Course materials and recordings

Lecture materials and recordings for CIS-340-01 are protected intellectual property at UW Stevens Point. Students in this course may use the materials and recordings for their personal use related to participation in this class. Students may also take notes solely for their personal use. If a lecture is not already recorded, you are not authorized to record my lectures without my permission unless you are considered by the university to be a qualified student with a disability requiring accommodation. [Regent Policy Document 4-1] Students may not copy or share lecture materials and recordings outside of class, including posting on internet sites or selling to commercial entities. Students are also prohibited from providing or selling their personal notes to anyone else or being paid for taking notes by any person or commercial firm without the instructor's express written permission. Unauthorized use of these copyrighted lecture materials and recordings constitutes copyright infringement and may be addressed under the university's policies, UWS Chapters 14 and 17, governing student academic and non-academic misconduct.

Covid-19 preparedness Face Coverings:

At all UW-Stevens Point campus locations, the wearing of face coverings is mandatory in all buildings, including classrooms, laboratories, studios, and other instructional spaces. Any

student with a condition that impacts their use of a face covering should contact the Disability and Assistive Technology Center to discuss accommodations in classes. Please note that unless everyone is wearing a face covering, in-person classes cannot take place. This is university policy and not up to the discretion of individual instructors. Failure to adhere to this requirement could result in formal withdrawal from the course.

Other Guidance:

- Please monitor your own health each day using this screening tool. If you are not feeling well or believe you have been exposed to COVID-19, do not come to class; email your instructor and contact Student Health Service (715-346-4646). As with any type of absence, students are expected to communicate their need to be absent and complete the course requirements as outlined in the syllabus.
- Maintain a minimum of 6 feet of physical distance from others whenever possible.
- Do not congregate in groups before or after class; stagger your arrival and departure from the classroom, lab, or meeting room.
- Wash your hands or use appropriate hand sanitizer regularly and avoid touching your face.
- Please maintain these same healthy practices outside the classroom.

Dropping/withdrawing from the course

It is the student's responsibility to understand when they need to consider un-enrolling from a course. Refer to the UWSP Academic Calendar for dates and deadlines for registration. After this period, a serious and compelling reason is required to drop from the course. Serious and compelling reasons include, but are not limited to, the following: documented and severe physical/mental illness/injury to the student or student's family. Please consult the instructor at the earliest opportunity to discuss the need to drop the course after the mandated deadline.

Accommodations

UWSP is committed to providing reasonable and appropriate accommodations to students with disabilities and temporary impairments. If you have a disability or acquire a condition during the semester where you need assistance, please contact the Disability and Assistive Technology Center on the 6th floor of Albertson Hall as soon as possible. DATC can be reached at (715) 346-3365 or DATC@uwsp.edu

Emergency Preparedness

- In the event of a medical emergency, call 911 or use red emergency phone located outside of the Public Science Hall Lab (B238). Offer assistance if trained and willing to do so. Guide emergency responders to victim.
- In the event of a tornado warning, proceed to the lowest level interior room without window exposure at SCIENCE A224.
- In the event of a fire alarm, evacuate the building in a calm manner. Meet near the grassy area near Lot X. Notify instructor or emergency command personnel of any missing individuals.
- Active Shooter – Run/Escape, Hide, Fight. If trapped hide, lock doors, turn off lights, spread out and remain quiet. Follow instructions of emergency responders.

See UW-Stevens Point Emergency Management Plan at www.uwsp.edu/rmgt for details on all emergency response at UW-Stevens Point.

Communication by email

When you email me, please include “**CIS 340**” in the beginning of the subject. It will help me differentiate your email from other emails.

Important: This syllabus, along with course assignments and due dates, are subject to change. It is the student’s responsibility to check Canvas for corrections or updates to the syllabus. Any changes will be clearly noted in class, in a course announcement and/or through email.