



Welcome

- Please make sure you get a copy of the syllabus (extra copies are available at front).

CSE 115 – Introduction to Computer Science for Majors I

CSE 503 – Computer Science for Non-Majors I

■ Instructor:

- Dr. Adrienne Decker
 - Please call me Adrienne
 - But if you must be formal, it's Dr. Decker or Professor Decker.
 - NOT Miss Decker, or Ms Decker or Mrs. Decker
- Office: 130 Bell Hall

CSE 115 – Introduction to Computer Science for Majors I

CSE 503 – Computer Science for Non-Majors I

- Email: adrienne@buffalo.edu
 - Email you send me should be from your UBIT email account and should include your full name and which course you are taking.

CSE 115 – Introduction to Computer Science for Majors I and CSE 503 – Computer Science for Non-Majors I

- Office Hours:
 - Monday 10:30–11:20
 - Wednesday 10:00–11:20 and 2:00–2:50
 - Friday 2:00–2:50

Information on the Web

- All course content will be on the course website:

<http://www.cse.buffalo.edu/faculty/adrienne/SP2011/cse115>

- UBLearns will be used to post course grades

University at Buffalo The State University of New York

CSE 115/503 - SPRING 2011
INTRODUCTION TO COMPUTER SCIENCE FOR MAJORS I

ADMINISTRIVIA Assignments Resources

ADMINISTRIVIA
Syllabus
Course Schedule
Baldy 21 Schedule
Grading Information

Administrivia
Last modified: January 17 2011 11:22:23 AM

Lectures

Section	Day	Time	Room	Instructor
A	Mon, Wed, Fri	3:00pm - 3:50pm	112 Norton	Adrienne Decker

Recitations

*** All recitations meet in 21 Baldy ***

Section	Day	Time	TA
A1	Tuesday	3:00pm - 4:50pm	TBA
A2	Wednesday	12:00pm - 1:50pm	TBA
A3	Thursday	9:00am - 10:50am	TBA
A4	Friday	12:00pm - 1:50pm	TBA
A5	Wednesday	5:00am - 6:50pm	TBA

Instructor

Name	Office	Consultation Times	Phone	Email
		Monday 10:30 - 11:20		

Course Structure

- Lecture (3 hours each week)
- Recitation (2 hours each week)
 - You should be registered for a recitation section and a lecture.
 - **Recitations do not meet this week.**
- If you are interested in changing your recitation section and are unable to do so through the registration system, please fill out Recitation Change Request Form.

Course Description and Prerequisites

- This course is an introduction to computer science for intended computer science and computer engineering majors.
- There are no prerequisites for this course, but you should have some familiarity with a computer (that is, you should have used one before). There is a co-requisite of MTH 141.

Textbook

- Textbook will be available through course website electronically.
- You can print it out or view it online.

Computing Resources

- Projects for this course will be completed on the department of Computer Science & Engineering's computer systems.
- You will be receiving an account on these systems.

Course Grades

- 56% - Exams
 - Five in-class exams and one final exam. If you take all five in-class exams, the lowest of the five will be dropped and you have the following grading option available:

	Option #1	Option #2
In-class Exams	28%	0%
Final Exam	28%	56%

Course Grades

- 44% - Programming Assignments
 - There will be 8 assignments given throughout the semester. Weightings for each assignment are not equal (see chart in syllabus).
 - Submissions of programming assignments after the due date will incur a 50% penalty (of maximum score obtainable) per day late.

Course Grades

- Important Notes:
 - In order to be eligible to receive a grade higher than F in the course, you must have a passing average ($> 50\%$) on the exams for the course as well as a passing average ($> 50\%$) on the programming assignments for the course.

Letter Grades

- See chart in syllabus.
- There is no curve on the course grades. If your average falls in between the cutoffs, that is your grade.

Course Policies

- Re-grading – any questions about graded work must be raised within one week of the return of the work.
- Incompletes – we will follow the university's policy on incompletes – unless you meet the criterion, you will not get an incomplete.

Course Policies

- Disability Services – If you are registered, please bring me the letter indicating your accommodations.
- Athletics – If you are an athlete, please come to speak with me about how that will effect this course this semester.

Course Policies

- Disruption/Behavior in the Classroom
 - Take note of the University's policy on this issue (in syllabus)
 - Be respectful of each other

Course Policies

- Academic Integrity
 - Breaches of academic integrity will be investigated and punishments imposed in accordance with the University's policies AND my department's policies.
 - My department's policy is that ANY breach of academic integrity is punished with an F in the course (no more lenient punishments allowed).

Syllabus Confirmation

- You need to go to UBLearn and complete the syllabus confirmation "test" that is now available in the course.
- Failure to complete this "test" will render you ineligible to take the third practical exam.
- You have until the end of the day, Monday, January 31, 2011 to complete the "test".

FAQ

- Where are the slides posted?

Answer

Course notes (slides) are posted here at the **END** of each week... This is also where the text will be posted

The screenshot shows the 'ADMINISTRIVIA' page for the University of Buffalo. A red arrow points to the 'Course Schedule' link in the left sidebar. The main content area includes a table for 'Lectures' and a table for 'Recitations'.

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A	Mon, Wed, Fri	3:00pm - 3:50pm	112 Norton	Adrienne Decker

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Name	Office	Consultation Times	Phone	Email
		Monday 10:30 - 11:20		

Announcements

- Pick up (and READ) syllabus if you have not already done so.
- Syllabus Confirmation "test" on UBLearns needs to be completed by 1/31/11.
- **No recitations meet this week**

Course Registration

- 503 students interested in attending an alternate recitation, please fill out form.
- A6 (Thursday 4:00 – 5:50) has been added and is available for registration. If you are interested in attending this recitation, please change your registration through MyUB.
- If you are interested in changing to another recitation and there are open seats, please change your registration through MyUB. If there are not open seats, please fill out form.
- If you are not yet registered for this class and need to be – please see me after class.

In your notebook/on a sheet of paper

- If you are an intended CS major – what is computer science?
- If you are an intended CEN major – what is computer engineering?
- If you are neither – what are you hoping to learn in this course/why are you taking the course?

Answers

- What is computer science?

Study of algorithms; inner workings of computer; theory behind computing & networking; how computers communicate;

- What is computer engineering?

Study of how a computer functions & operates; developing components to improve technology; hardware/software integration

So – what are they?

- Well, they are all these things. There isn't a universally agreed-upon definition for these two terms, but the areas tend to overlap in many cases. In computing, your eventual job description is sometimes of your own creation.

More answers

- What do you want to learn?
 - Program
 - Different languages of a computer
 - Possible jobs/opportunities

We could say....

- Computing (or computer science) is the science of representing things inside a computer.
- One of the first types of representation people think of when they think about a computer are 0's and 1's.

Bit - binary digit

↳ holds either a zero or a one.

Bit string - A sequence of bits

So...

- We use the bits to store everything inside the computer.
- Perhaps computer science is the science of interpretation. How can we interpret the bits in meaningful ways.

How can we interpret the patterns?

Ex) 10110

- Binary number (non-negative numbers)
- Twos complement (integers)
- IEEE 754 (approximate floating point numbers)
- ASCII