



Syllabus, Spring 2018

CSCI 3301: *Computer Organization*

Time: Monday and Wednesday: 5:00pm – 6:15pm
Place: Math112
Prof: Md Tamjidul HOQUE
My Info: Email ➤ thoque@uno.edu, Phone: 504-280-2406.
Office Hours ➤
Monday, Wednesday: 1pm to 2pm in **SC2002**, and 6:15pm to 7:15pm in **Math333**.
Friday 12noon to 1pm in **Math333**, and 1pm to 2pm in **SC2002**.

Prereqs: CSCI 2120 (Software Design and Development II) and CSCI 2450 (Machine Structure and Assembly Language Programming)

Textbook: Computer Organization and Design, 5th Edition, by David Patterson and John Hennessey, ISBN: 978-0-12-407726-3.

Side book: Computer Organization and Architecture, 9th Edition, by William Stallings, ISBN 13: 978-0-13-293633-0

Marks Distribution:

Class-Test(**3**), HW/Programming(**4**) (5 out of 7) x 13 % → 65%
Final Examination (**Must attend to pass**) → 30%
Attendance: → 5%
%5: [90-100%], 4%: [85-90], 3%: [80-85], 2%: [75-80], 1%: [70-75], 0%: <70.

Grading: A: [90 – 100]%, B: [80-90)%, C: [70-80)%, D: [60-70)%, F: < 60%.

Exams: Tests/Assignments are expected at the end of every chapters (for chapter 1 to 6).

Last Class: April/30/2018.

Final Exam: May/07/2018 (Monday), 5:30pm to 7:30pm.

Due Dates: Every assignment handed out will be clearly marked with a due date. You are responsible for handing in your assignment on time. Late submissions will be assessed at the following rates: 80% for 1-48 hours late, 60% for 49-96 hours late, 40% for 97-144 hours late, 20% for 145-168 hours late. Assignments that are more than a week late will receive no credit.

Attendance: Your attendance at class is required and essential for you to meet course requirements. Attendance will be taken at the beginning of each class. Absence from class will negatively affect your performance in the course.

Objectives: This course establishes relation between hardware and software. With the recent switch from uniprocessor to multicore processors the compilers writers, operating system designers, database programmers, software engineers, programmers for faster program and efficient programming need a firm understanding of processor and multicore design and

performance evaluation; instruction set design and addressing having implicit parallelism; data path design and pipelining; control structures and microprogramming; memory management, caches, and memory hierarchies; interrupts and I/O structures; parallel processing, GPU and so on. Hardware designers also need to clearly know the effect of their work on software application – and this course will help achieve these goals.

Conduct: Please be respectful of your classmates and refrain from disruptive activities in the classroom. Come to class on time. Turn off cell phones in the classroom. If you use a laptop or other electronic device to take notes, you must keep keyboard noise to a minimum. If you can't type silently then you should use paper and pencil. Your cooperation is appreciated.

Moodle: Essential course material (including this syllabus) will be posted to the CSCI 3301 course page on Moodle (<http://www.uno.edu/moodle>). Important notices will occasionally be transmitted through Moodle's email feature. Please ensure that you can access your uno.edu email.



Syllabus Attachment

Spring 2018

Spring Semester Important Dates*

Last day to adjust schedule w/out fee.....	01/15
Semester Classes Begin	01/17
Last day to adjust schedule w/fee, or withdraw with 100% refund.....	01/23
Last day to apply for May Commencement.....	03/09
Final day to drop a course or resign	03/16
Last Day of Classes	05/01
Final examinations	05/04 - 05/10
Commencement.....	05/11

Session "A" Important Dates*

Last day to adjust schedule w/out fee.....	01/15
Semester Classes Begin	01/17
Last day to adjust schedule w/fee, or withdraw with 100% refund.....	01/19
Final day to drop a course or resign	02/16
Last Day of Classes	03/03
Final examinations	03/06 - 03/07
Last day to apply for May Commencement.....	03/09
Commencement.....	05/11

Session "B" Important Dates*

Last day to adjust schedule w/out fee.....	03/13
Semester Classes Begin	03/14
Last day to adjust schedule w/fee, or withdraw with 100% refund.....	03/15
Last day to apply for May Commencement.....	03/09
Final day to drop a course or resign	04/9
Last Day of Classes	04/28
Final examinations	05/01 - 05/02
Commencement.....	05/11

*Note: check [Registrar's website](#) for items not listed here.

Spring Semester Holidays

Martin Luther King Holiday.....	01/15
Mardi Gras Holiday.....	02/12 - 02/13
Spring Break	03/28 - 03/31

Withdrawal Policy – Undergraduate only

Students are responsible for initiating action to resign from the University (withdraw from all courses) or from a course on or before dates indicated in the current Important Dates calendar. Students who fail to resign by the published final date for such action will be retained on the class rolls even though they may be absent for the remainder of the semester and be graded as if they were in attendance. Failure to attend classes does not constitute a resignation. Check the dates and charges associated on the [Registrar's website](#).

Incomplete Policy – Undergraduate only

A grade of I is assigned when, due to extenuating circumstances beyond their control, students engaged in passing course work are unable to complete class assignments within the time frame of the course's session. Before agreeing to the use of an incomplete grade in any course, an Incomplete Grade Agreement Form must be completed. Details regarding deadlines for completing the I grade, when the incomplete converts to a grade of F and a link to the form may be found on the [Academic Affairs](#) website.

Repeat Policy

When a student is permitted to repeat a course for credit, the last grade earned shall be the one which determines course acceptability for degree credit. A student who has earned a C or better in a course may not repeat that course unless, (1) the catalog description indicates that the course may be repeated for credit, or (2) the student's Dean gives prior approval for documented extenuating circumstances.

Graduate Policies

Graduate policies often vary from undergraduate policies. To view the applicable policies for graduate students, see the [Graduate Student Handbook](#)

Academic Dishonesty Policy

Policies for academic conduct [are here](#).

Safety Awareness Facts and Education

Title IX makes it clear that violence and harassment based on sex and gender is a Civil Rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. If you or someone you know has been harassed or assaulted, you can find [the appropriate resources here](#):

UNO Counseling Services and UNO Cares

UNO offers care and support for students in any type of distress. [Counseling Services](#) assist students in addressing mental health concerns through assessment, short-term counseling, and career testing and counseling. First-year students often have unique concerns, and UNO Cares is designed to address those students' needs. Contact [UNO Cares](#).

Emergency Procedures

Sign up for emergency notifications via text and/or email at [E2Campus Notification](#). All emergency and safety procedures are explained at the [Emergency Health and Safety Office](#).

Diversity at UNO

As the most diverse public university in the state, UNO maintains a Diversity Affairs division to support the university's efforts towards creating an environment of healthy respect, tolerance, and appreciation for the people from all walks of life, and the expression of intellectual point of view and personal lifestyle. The [Office of Diversity Affairs](#) promotes these values through a wide range of programming and activities.

Affirmative Action and Equal Opportunity

UNO is an equal opportunity employer. The Human Resource Management department has more information on UNO's compliance with federal and state regulations regarding EEOC in its [Policies and Resources website](#).

Learning and Support Services

Help is within reach in the form of learning support services, including tutoring in writing and math and other supplemental instruction. Visit the [Learning Resource Center](#) in LA 334.