



Computer Organization-13922

COSC-2425

RT 2022 Section 401 4 Credits 08/22/2022 to 12/11/2022 Modified 08/21/2022

Course Meetings

Course Modality

Fully online

Meeting Days

Fully online

Meeting Times

Fully online

Meeting Location

Fully online

Welcome and Instructor Information

Welcome to Computer Organization. My name is Javad Ameri, professor of Computer Science at HCC. I'm delighted that you have chosen this course! Please read the rest of this syllabus for course description, pre-requisites, students learning outcomes, required textbook and instructional material, course assignments/assessments, as well as other course policies (participation, makeup, etc). See also the Course Calendar on Canvas for assignments/assessments due dates. As the course progresses, you may encounter challenging ideas or difficulties completing your coursework. I am available to support you. The fastest way to reach me is through Canvas Inbox e-mail. If, for any reason, you can't access Canvas, you can reach me at my HCC e-mail (javad.amerisianaki@hccs.edu). My goal is for you to walk out of the course with a solid understanding of computer organization.

What's Exciting About This Course

This course is exciting because...

My Personal Welcome

Welcome to the course!

Preferred Method of Contact

Add Content Here

Course Overview

Course Description

(4 Credits | 96 hours per semester) The organization of computer systems is introduced using assembly language. Topics include basic concepts of computer architecture and organization, memory hierarchy, data types, computer arithmetic, control structures,

interrupt handling, instruction sets, performance metrics, and the mechanics of testing and debugging computer systems. Embedded systems and device interfacing are introduced.

Prerequisites

COSC 1436, MATH 1314 and ENGL 1301.

Please carefully read and consider the repeater policy in the [HCCS Student Handbook](http://www.hccs.edu/resources-for/current-students/student-handbook/). (<http://www.hccs.edu/resources-for/current-students/student-handbook/>)

Computer Programming Department Website

<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/>
(<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/>)

Core Curriculum Objectives (CCOs)

COSC 2425 satisfies the Component Area Option in the HCCS core curriculum. The HCCS Core Curriculum Committee has specified that the course address the following core objectives:

- **Critical Thinking:** Students will demonstrate the ability to engage in inquiry and analysis, evaluation and synthesis of information, and creative thinking by completing programming assignments that involve analyzing a problem, designing a solution to solve the problem, and implementing the solution including testing it against problem specifications and debugging it.
- **Communication Skills:** Students will demonstrate effective development, interpretation and expression of ideas through written, oral, and visual communication by analyzing the merits and drawbacks of alternative approaches to solving problems through online or in-class discussions and/or answering questions on quizzes and exams.
- **Quantitative and Empirical Literacy:** Students will demonstrate the ability to draw conclusions based on the systematic analysis of topics using observation, experiment, and/or numerical skills by completing assignments, and answering questions on quizzes and exams.

Student Learning Outcomes and Objectives

Program Student Learning Outcomes (PSLOs)

Can be found at:

<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/>
(<https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/>)

Course Student Learning Outcomes (CSLOs)

Upon completion of COSC 2425, the student will be able to:

- Explain contemporary computer system organization.
- Describe data representation in digital computers.
- Explain the concepts of memory hierarchy, interrupt processing, and input/output mechanisms.
- Measure the performance of a computer system.
- Design and develop assembly language applications.
- Explain the interfaces between software and hardware components.
- Explain the design of instruction set architectures.
- Develop a single-cycle processor.
- Explain the concept of virtual memory and how it is realized in hardware and software.
- Explain the concepts of operating system virtualization.

Learning Objectives

Learning Objectives for each CSLO are mapped to course material within Canvas.

Departmental Practices and Procedures

Department Specific Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar
- Arrange to meet with individual students as needed

As a student, it is your responsibility to:

- *To complete your own work! Do not copy from outside sources, friends, or tutors.*

Plagiarism is defined in the Webster dictionary to steal and pass off (the ideas or words of another) as one's own; use (another's production) without crediting the source. At HCC we take plagiarism very seriously. If your code is found online (Chegg, Course Hero, etc.), you will receive a zero (0) for that question.

- Attend class in person and/or online
- Check your Canvas and HCC email regularly (2-3 times a week; daily if you sent in a question)
- Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
- Read and comprehend the textbook/course materials.
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments

Be aware of and comply with academic honesty policies in the [HCCS Student Handbook \(http://www.hccs.edu/resources-for/current-students/student-handbook/\)](http://www.hccs.edu/resources-for/current-students/student-handbook/)

Program-Specific Student Success Information

There is no short cut for success in this course; it requires reading, studying the material, completing the assignments, and most importantly, *practicing the programming concepts*.

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content.

Students may ask questions to other students, to me, or to anyone else. This is how we learn, and we encourage this. **HOWEVER, all work must be started and completed in its entirety on your own. If your code/work is found online (Chegg, etc...) you will receive a 0. If your code/work is copied from a classmate, both students will receive a 0. If it is found that students are sharing the same files, and then making minor changes to submit the work as their own, both students will receive a 0 on the assignment and may possibly be removed from the class. Note: It is very easy for instructors to determine if code was copied from another student. Please refer to the student handbook regarding cheating. For more information see the Academic Integrity section of the syllabus, shown below.**

If you would like to schedule an appointment with our department's Success Coach, please email naseem.nikooei@hccs.edu.

Instructional Materials and Resources

Instructional Materials

The [HCC Online Bookstore \(https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks\)](https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks) provides searchable information on textbooks for all courses. Check with your instructor before purchasing textbooks because the book might be included in your course fees.

We will use the following book for the course:

Essentials of Computer Organization and Architecture

By: Linda Null

Edition: Fifth edition

Publisher: Jones & Bartlett Learning

If you plan to purchase the textbook for HCC bookstore click on the following link for find bookstore information.

[HCC Online Bookstore \(https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks\)](https://hccs.bncollege.com/shop/hccs-central/page/find-textbooks)

The HCC bookstore provides searchable information on textbooks for all courses.

If you plan to access the e-book, you can click on the following link to purchase the e-book access.

[Course textbook \(https://www.vitalsource.com/products/essentials-of-computer-organization-and-linda-null-v9781284168549?term=9781284168549\)](https://www.vitalsource.com/products/essentials-of-computer-organization-and-linda-null-v9781284168549?term=9781284168549)

Temporary Free Access to E-Book

Here is the link to get temporary free access to a digital version of the text for fourteen days:

<< [add link] >>

Other Instructional Resources

Courseware

Content here...

✓ Course Requirements

Assignments, Exams, and Activities

| | TYPE | WEIGHT |
|---------------------|------|--------|
| FINAL EXAM | | 25% |
| MID-TERM EXAM | | 25% |
| CHAPTER ASSIGNMENTS | | 25% |
| CHAPTER QUIZZES | | 20% |
| DISCUSSIONS | | 5% |

| Date | Course Tentative Outline |
|----------------|---------------------------------|
| Sept 06 | OFFICIAL DAY OF RECORD |
| Oct 28 | LAST DAY TO WITHDRAW THE COURSE |

| | |
|-------------|---------------------|
| Nov 04 - 05 | MID-TERM EXAM |
| Dec 09 - 10 | FINAL EXAM |
| Oct 01 | Chapter 1 Exercises |
| Oct 01 | Chapter 2 Exercises |
| Oct 29 | Chapter 3 Exercises |
| Nov 04 - 05 | Mid-term exam |
| Dec 03 | Chapter 4 Exercises |
| Dec 03 | Chapter 5 Exercises |
| Dec 03 | Chapter 6 Exercises |
| Dec 03 | Chapter 7 Exercises |
| Dec 09 - 10 | Final exam |

| Type | Weight | Topic | Notes |
|-----------------|--------|-------|---|
| Mid-term exam | 25% | | <p>The midterm exam is scheduled between 11/04/2022 - 11/05/2022. The exam will be over chapters 1, 2 and 3. The midterm exam can be taken at home due to Covid-19. Make sure you do not miss this exam, which is 25% of your total course grade. There are no excuses for missing an exam, so plan to take it as early in the week as possible so you have time to take it later if something completely unexpected occurs.</p> <p>The questions in this exam are similar to the test bank as the Review Quizzes in chapters 1, 2 and 3. If you have taken those chapter quizzes multiple times and scored well, this exam will not be difficult. Read each question carefully before selecting the best answer.</p> |
| Chapter Quizzes | 20% | | <p><i>The chapter quizzes have unlimited attempts. Your highest score will count toward your final grade.</i> It uses questions from a test quiz bank for the chapter. I highly recommend you take it multiple times. It will prepare you for the midterm and final exams.</p> |
| Final Exam | 25% | | <p>The final exam is scheduled between 12/09/2022 - 12/10/2022. The exam will be over chapters 4, 5, 6 and 7. The final exam can be taken at home due to Covid-19. Make sure you do not miss this exam, which is 25% of your total course grade. There are no excuses for missing an exam, so plan to take it as early in the week as possible so you have time to take it later if something completely unexpected occurs.</p> <p>The questions in this exam are similar to the test bank as the Review Quizzes in chapters 4, 5, 6 and 7. If you have taken those chapter quizzes multiple times and scored well, this exam will not be difficult. Read each question carefully before selecting the best answer.</p> |

| Type | Weight | Topic | Notes |
|-------------------|--------|-------|--|
| Chapter Exercises | 20% | | Each chapter has exercises at the end of the chapter. Students must Provide your answers for chapter exercises at the end of the Chapter in the attached file. |

Grading Formula

| Grade | Range | Notes |
|-------|----------|-------|
| A | 90 - 100 | |
| B | 80 < 90 | |
| C | 70 < 80 | |
| D | 60 < 70 | |
| F | < 60 | |

* Instructor's Practices and Procedures

Incomplete Policy

In order to receive a grade of Incomplete ("I"), a student must have completed at least 85% of the work in the course. In all cases, the instructor reserves the right to decline a student's request to receive a grade of Incomplete.

Missed Assignments/Make-Up Policy

To make up missing assignment you are required to provide documentation of an emergency to allow a make-up. Make-up exam is not a retake, that is, make-up exams are allowed only for missed exams.

Academic Integrity

Here's the link to the HCC information about academic integrity (Scholastic Dishonesty and Violation of Academic Scholastic Dishonesty and Grievance):

<https://www.hccs.edu/studentprocedures> (<https://www.hccs.edu/studentprocedures>)

Attendance Procedures

Add Content Here

Student Conduct

Add Content Here

Instructor's Course-Specific Information

Add Content Here

Devices

Add Content Here

Faculty Statement about Student Success

Add Content Here

Faculty-Specific Information Regarding Canvas

This course section will use Canvas (<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)) to supplement in-class assignments, exams, and activities.

HCCS Open Lab locations may be used to access the Internet and Canvas. For best performance, Canvas should be used on the current or first previous major release of Chrome, Firefox, Edge, or Safari. Because it's built using web standards, Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser.

Canvas only requires an operating system that can run the latest compatible web browsers. Your computer operating system should be kept up to date with the latest recommended security updates and upgrades.

Social Justice Statement

Add Content Here

HCC Policies and Information

Our Vision

Houston Community College shapes the future for all students with innovative, affordable, timely, responsive, and continuously improving educational programs and services. Partnered with the communities we serve, we take a defining role in regional economic, workforce, and social development.

<https://www.hccs.edu/about-hcc/> (<https://www.hccs.edu/about-hcc/>)

HCC Grading System

HCC uses the following standard grading system:

| Grade | Grade Interpretation | Grade Points |
|-------|---|--------------|
| A | Excellent (90-100) | 4 |
| B | Good (80-89) | 3 |
| C | Fair (70-79) | 2 |
| D | Passing (60-69), except in developmental courses. | 1 |
| F | Failing (59 and below) | 0 |
| FX | Failing due to non-attendance | 0 |
| W | Withdrawn | 0 |
| I | Incomplete | 0 |
| AUD | Audit | 0 |
| IP | In Progress. Given only in certain developmental courses. A student must re-enroll to receive credit. | 0 |
| COM | Completed. Given in non-credit and continuing education courses. | 0 |

Link to Policies in Catalog and Student Handbook

Here's the link to the HCC Catalog and Student Handbook: <https://catalog.hccs.edu/> (<https://catalog.hccs.edu/>)

In it you will find information about the following:

- Academic Information
- Academic Support
- Attendance, Repeating Courses, and Withdrawal
- Career Planning and Job Search
- Childcare
- disAbility Support Services
- Electronic Devices
- Equal Educational Opportunity
- Financial Aid TV (FATV)
- General Student Complaints
- Grade of FX
- Incomplete Grades
- International Student Services
- Health Awareness
- Libraries/Bookstore
- Police Services & Campus Safety
- Student Life at HCC
- Student Rights and Responsibilities
- Student Services
- Testing
- Transfer Planning
- Veteran Services

Link to HCC Academic Integrity Statement

<https://www.hccs.edu/student-conduct> (<https://www.hccs.edu/student-conduct>) (scroll down to subsections)

Campus Carry Link

Here's the link to the HCC information about Campus Carry:

<https://www.hccs.edu/campuscarry> (<https://www.hccs.edu/campuscarry>)

HCC Email Policy

When communicating via email, HCC requires students to communicate only through the HCC email system to protect your privacy. If you have not activated your HCC student email account, you can go [to HCC Eagle ID \(https://www.hccs.edu/email\)](https://www.hccs.edu/email) and activate it now. You may also use Canvas Inbox to communicate.

Office of Institutional Equity

Use the following link to access the HCC Office of Institutional Equity, Inclusion, and Engagement: <https://www.hccs.edu/eoo> (<https://www.hccs.edu/eoo>)

Ability Services

HCC strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including long and short term conditions, mental health, chronic or temporary medical conditions), please meet with a campus Abilities Counselor as soon as possible in order to establish reasonable accommodations. Reasonable accommodations are established through an interactive process between you, your instructor(s) and Ability Services. It is the policy and practice of HCC to create inclusive and accessible learning environments consistent with federal and state law. For more information, please go to <https://www.hccs.edu/accessibility> (<https://www.hccs.edu/accessibility>)

Title IX

Houston Community College is committed to cultivating an environment free from inappropriate conduct of a sexual or gender-based nature including sex discrimination, sexual assault, sexual harassment, and sexual violence. Sex discrimination includes all forms of sexual and gender-based misconduct and violates an individual's fundamental rights and personal dignity. Title IX prohibits discrimination on the basis of sex-including pregnancy and parental status in educational programs and activities. If you require an accommodation due to pregnancy please contact an Abilities Services Counselor. The Director of EEO/Compliance is designated as the Title IX Coordinator and Section 504 Coordinator. All inquiries concerning HCC policies, compliance with applicable laws, statutes, and regulations (such as Title VI, Title IX, and Section 504), and complaints may be directed to:

David Cross
Director EEO/Compliance
Office of Institutional Equity & Diversity
3100 Main
(713) 718-8271
Houston, TX 77266-7517 or Institutional.Equity@hccs.edu (<mailto:Institutional.Equity@hccs.edu>)

<https://www.hccs.edu/titleix> (<https://www.hccs.edu/titleix>)

Office of the Dean of Students

Contact the office of the Dean of Students to seek assistance in determining the correct complaint procedure to follow or to identify the appropriate academic dean or supervisor for informal resolution of complaints.

<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/> (<https://www.hccs.edu/about-hcc/procedures/student-rights-policies--procedures/student-complaints/speak-with-the-dean-of-students/>)

Student Success

Expect to spend at least twice as many hours per week outside of class as you do in class studying the course content. Additional time will be required for written assignments. The assignments provided will help you use your study hours wisely. Successful completion of this course requires a combination of the following:

- Reading the textbook
- Attending class in person and/or online
- Completing assignments
- Participating in class activities

There is no short cut for success in this course; it requires reading (and probably re-reading) and studying the material using the course objectives as a guide.

Canvas Learning Management System

Canvas is HCC's Learning Management System (LMS), and can be accessed at the following URL:

<https://eagleonline.hccs.edu> (<https://eagleonline.hccs.edu>)

HCCS Open Lab locations may be used to access the Internet and Canvas. For best performance, Canvas should be used on the current or first previous major release of Chrome, Firefox, Edge, or Safari. Because it's built using web standards, Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser.

Canvas only requires an operating system that can run the latest compatible web browsers. Your computer operating system should be kept up to date with the latest recommended security updates and upgrades.

HCC Online Information and Policies

Here is the link to information about HCC Online classes, which includes access to the required Online Information Class Preview for all fully online classes: <https://www.hccs.edu/online/> (<https://www.hccs.edu/online/>)

Scoring Rubrics, Sample Assignments, etc.

Look in Canvas for the scoring rubrics for assignments, samples of class assignments, and other information to assist you in the course. <https://eagleonline.hccs.edu/> (<https://eagleonline.hccs.edu/>)

Instructor and Student Responsibilities

As your Instructor, it is my responsibility to:

- Provide the grading scale and detailed grading formula explaining how student grades are to be derived
- Facilitate an effective learning environment through learner-centered instructional techniques
- Provide a description of any special projects or assignments
- Inform students of policies such as attendance, withdrawal, tardiness, and making up assignments
- Provide the course outline and class calendar that will include a description of any special projects or assignments
- Arrange to meet with individual students during office hours, and before and after class as required

As a student, it is your responsibility to:

- Attend class in person and/or online
- Participate actively by reviewing course material, interacting with classmates, and responding promptly in your communication with me
- Read and comprehend the textbook
- Complete the required assignments and exams
- Ask for help when there is a question or problem
- Keep copies of all paperwork, including this syllabus, handouts, and all assignments
- Be aware of and comply with academic honesty policies in the [HCCS Student Handbook](https://www.hccs.edu/studenthandbook) (<https://www.hccs.edu/studenthandbook>)

Copyright Statement

In order to uphold the integrity of the academic environment and protect and foster a cohesive learning environment for all, HCC prohibits unauthorized use of course materials. Materials shared in this course are based on my professional knowledge and experience and are presented in an educational context for the students in the course. Authorized use of course materials is limited to personal study or educational uses. Material should not be shared, distributed, or sold outside the course without permission. Students are also explicitly forbidden in all circumstances from plagiarizing or appropriating course materials. This includes but is not limited to publically posting quizzes, essays, or other materials. This prohibition extends not only during this course, but after. Sharing of the materials in any context will be a violation of the HCC Student Code of Conduct and may subject the student to discipline, as well as any applicable civil or criminal liability. Consequences for unauthorized sharing, plagiarizing, or other methods of academic dishonesty may range from a 0 on the specified assignment and/or up to expulsion from Houston Community College. Questions about this policy may be directed to me or to the Manager of Student Conduct and Academic Integrity.

Sensitive or Mature Course Content

In this college-level course, we may occasionally discuss sensitive or mature content. All members of the classroom environment, from your instructor to your fellow students, are expected to handle potentially controversial subjects with respect and consideration for one another's varied experiences and values.

EGLS3

The EGLS³ ([Evaluation for Greater Learning Student Survey System](https://www.hccs.edu/egls3) (<https://www.hccs.edu/egls3>)) will be available for most courses near the end of the term until finals start. This brief survey will give invaluable information to your faculty about their teaching. Results are anonymous and will be available to faculty and division chairs after the end of the term. EGLS³ surveys are only available for the Fall and Spring semesters. -EGLS3 surveys are not offered during the Summer semester due to logistical constraints.

<https://www.hccs.edu/egls3> (<https://www.hccs.edu/egls3>)

Housing and Food Assistance for Students

If you are experiencing any hardship related to food, shelter, mental health, or other basic needs areas, please visit the Basic Needs page for resources (<https://www.hccs.edu/cares> (<https://www.hccs.edu/cares>)). You have the option to take the Basic Needs Questionnaire and ask to be contacted by a counselor for additional assistance or support (<https://www.hccs.edu/basicneeds> (<https://www.hccs.edu/basicneeds>)). Furthermore, please notify the professor if you are comfortable doing so.

Student Resources

Tutoring

HCC provides free and convenient academic support, in a large variety of subjects, to HCC students in both an online environment and in-person on campus. Tutoring is provided by HCC personnel in order to ensure that it is appropriate. Visit the HCC Tutoring Services website for more information at <https://hccs.edu/tutoring> (<https://hccs.edu/tutoring>).

Libraries

The HCC Library System consists of 9 libraries and 6 Electronic Resource Centers (ERCs) that are inviting places to study and collaborate on projects. Librarians are available both at the libraries and online to show you how to locate and use the resources you need. The libraries maintain a large selection of electronic resources as well as collections of books, magazines, newspapers, and audiovisual materials. The portal to all libraries' resources and services is the HCCS library web page at <https://library.hccs.edu> (<https://library.hccs.edu/>).

Supplementary Instruction

Supplemental Instruction is an academic enrichment and support program that uses peer-assisted study sessions to improve student retention and success in historically difficult courses. Peer Support is provided by students who have already succeeded in completion of the specified course, and who earned a grade of A or B. Find details at <https://www.hccs.edu/supplemental-instruction> (<https://www.hccs.edu/supplemental-instruction>).

Resources for Students:

<https://www.hccs.edu/covid19students> (<https://www.hccs.edu/covid19students>)

Basic Needs Resources:

<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/> (<https://www.hccs.edu/support-services/counseling/hcc-cares/basic-needs-resources/>)

Student Basic Needs Application:

<https://www.hccs.edu/basicneeds> (<https://www.hccs.edu/basicneeds>)

COVID-19

Here's the link to the HCC information about COVID-19:

<https://www.hccs.edu/covid-19> (<https://www.hccs.edu/covid-19>)

Instructional Modalities

In-Person (P)

Safe, face-to-face course with scheduled dates and times

Online on a Schedule (WS)

Fully online course with virtual meetings at scheduled dates and times

Online Anytime (WW)

Traditional online course without scheduled meetings

Hybrid (H)

Course that meets safely 50% face-to-face and 50% virtually

Hybrid Lab (HL)

Lab class that meets safely 50% face-to-face and 50% virtually

Course Calendar

Syllabus Modifications

The instructor reserves the right to modify the syllabus at any time during the semester and will promptly notify students in writing, typically by e-mail, of any such changes.

Additional Information

Computer Programming Information

Houston Community College's Computer Programming offers Associate of Applied Science (AAS) degrees, an Associate of Arts (AA) degree, an Associate of Science (AS) degree, and various certificates that help students develop the knowledge, communication and creative skills, critical thinking, and technical competencies required in the modern workplace.

Visit the [Computer Programming website \(https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/\)](https://www.hccs.edu/programs/areas-of-study/science-technology-engineering--math/computer-programming/) for more information about our programs.

Award Types

- Associate in Science
 - Computer Information Systems
- Associate in Arts
 - Computer Science
- Associate of Applied Science
 - Cloud Computing and Application Development
 - Application Development (in C++, Java, Python, Swift, C#)
- Certificate Level 2
 - Database Administrator
 - Mobile Application Developer
 - Web Application Developer

Student Organizations

- [Computer Science Association \(https://hccs.presence.io/organization/computer-science-association/\)](https://hccs.presence.io/organization/computer-science-association/) (CSA)
- [Women in Technology \(https://hccs.presence.io/organization/women-in-technology/\)](https://hccs.presence.io/organization/women-in-technology/) (WIT)

Process for Expressing Concerns about the Course

If you have concerns about any aspect of this course, please reach out to your instructor for assistance first. If your instructor is not able to assist you, then you may wish to contact the Department Chair.

- Ancelin (Anci) Shah
- [anci.shah@hccs.edu \(mailto:anci.shah@hccs.edu\)](mailto:anci.shah@hccs.edu)
- 713-718-7939