

Course Syllabus — subject to change with notice

DIGM 4381 - Mobil App Development

FALL, 2021

Professor	Karen Snyder, MFA
Professor's Email	kysnyder@uh.edu
Professor's Telephone	818-937-3326
Office Hours	ONLINE via Teams by appointment
Lab Manager	Mr. Can Le chle2@uh.edu
Program Web Site	http://uh.edu/tech/digitalmedia/
Course Location	Sugar Land, AMG 306
Important Days/Times	Tu/Th 2:30-3 PM Lecture: Tu/Th 3-5 PM Lab
Prerequisite	Digital Media Major or Minor, DIGM 2359, ELET 230
Required Textbooks	None.
Prior Knowledge	This course assumes computer literacy and knowledge of Adobe XD and some knowledge of HTML, CSS and Javascript.
Course Goals	<p>Credit 3 hrs.</p> <p>This course is designed to familiarize students with creating Progressive Web Apps for mobile. Like any other technology, Mobile app development is constantly undergoing changes. How can a producer better maximize an app development time and budget? What communication tools are needed when developing a software project? How can a producer be creative under a time crunch? This course is specifically tailored toward the needs of a producer with a focus on:</p> <ul style="list-style-type: none">• Developing a project strategy• Developing a quality UI/UX research• Learn how to Communicate via daily team updates• Understand How to break down a software task into manageable goals• Gain insights into handling team communication and conflicts <p>The course is not intended to produce professional mobile app programmers. Rather, students completing the class will have a solid foundation on how to create rich content Progressive Web Apps and be grounded in effective project producer tactics.</p>

IMPORTANT INFORMATION

As a student of the University of Houston, information available at http://www.uh.edu/provost/stu/stu_syllabsuppl/index.php will be critical to you in insuring that your academic pursuits meet with success and that you encounter the fewest financial and academic difficulties possible. Please take a few moments to review each of the areas, and become familiar with the resources detailed on the website with regard to: The UH Academic Honesty Policy; the UH Academic Calendar; Students with Disabilities; Religious Holy Day FAQs; Other Information.

COURSE CREDIT

This course is divided into lecture/lab and is governed by the University of Houston policy as well as policies of the accrediting bodies. Students should understand that each hour of class credit requires three hours per week: one hour in lecture and two hours personal study/homework. Thus, during a regular semester a three-hour course requires a minimum nine hours per week: three in class and six on your own. **Some weeks might require more hours.**

GRADES

- 20%** WEEKLY LECTURE REPORT
- 10%** IN-CLASS PARTICIPATION, ATTENDANCE/ PREPAREDNESS/PEER EVALUATIONS
- 30%** LAB ASSIGNMENTS
- 40%** FINAL PROJECT & PRESENTATION

LETTER GRADES

A 94-100	A- 90-93		
B+ 89-87	B 86-84	B- 83-80	
C+ 79-78	C 77-76 (passed)	C- 75-74	
D+ 73-72	D 71-70	D- 69-68	
F: 67 and below			

- **No grades of Incomplete will be given.**
- **The instructor retains the right to subjectively evaluate an individual student's grade in appropriate cases.**
- **The instructor retains the right to determine at a later date if plus and/or minus will be used to modify a letter grade.**

DROP DATE

Nov 4th: last day to drop a course or withdraw with a W (Withdrawn).

INTERIM UNDERGRADUATE GRADE POLICY

The Information & Logistics Technology Department strives to create the proper academic conditions for student success. Course content, technical skill development, professional practice in education, and program accreditation by professional organizations support using minimum grade or GPA requirements to enforce a program prerequisite structure. This practice, in turn, supports student success. Thus, course prerequisites are strictly enforced in all ILT Department courses.

The UH Interim Grading Policy applicable for Spring, Summer, and Fall 2020 explicitly stated that a program, department, or college may enforce a prerequisite or minimum GPA policy. Therefore, it is the policy of the ILT Department that the Catalog prerequisite structure and associated minimum grade or GPA requirements for its programs and courses be enforced for Fall 2020 grades that lead into Spring 2021 and beyond. This means that, even when Satisfactory (S) was the reported grade in Fall 2020, the letter grade assigned by the instructor determines whether the student has met the prerequisites for a future course. This helps to ensure students have the correct levels of knowledge to advance in the program and to prevent poor student outcomes in courses due to lack of prerequisite knowledge.

WEEKLY LECTURE REPORT

Online Learning Modules will be unlocked on Blackboard every **MONDAY**. Students should become familiar with a given lecture PRIOR to coming to the lab. The online lecture material will be crucial in completing your lab work effectively and effectively. Every week a report will be written up with proper grammar, spelling, and APA citations that includes notes on the lecture and lecture materials. It will be submitted on Blackboard under Turn It In and is **DUE EACH SUNDAY EVENING BY 11:59PM.**

IN-CLASS PARTICIPATION, ATTENDANCE/PREPAREDNESS/PEER FEEDBACK

For **EVERY LECTURE OR LAB** you will be required to speak up. In addition, provide feedback to your fellow peers efforts. The goal being to catch errors, present solutions and assist your fellow students in better app strategies. You will also be presenting your own work.

LAB ASSIGNMENTS

The instructor will give students specific assignments to complete. The instructor will demo the various tools and techniques first to help students with the assignment. In every instance **Lab Assignments will be DUE TUESDAY EVENING BY 11:59PM.**

WORK SUBMISSION

Lab Assignments and Lecture Reports will be due via Blackboard. Peer Evaluations are due on TEAMS. The instructor will inform you about work submission during each lab.

- **Work submitted via email will not be graded.**
- **Late Work WILL NOT BE ACCEPTED**
- **It Is Your Responsibility To Make Sure Your Work Has Been Submitted Correctly!**

WEB BROWSER:

Do not use Chrome for any portion of this course. DO NOT USE SAFARI on Turn-It-In. If you do, you will get answers wrong on exams or have issues submitting your work. Since you have been told not to use these browsers, your professor will have no sympathy for you when you get poor grades for missing work.

ATTENDANCE/ PARTICIPATION

Regular and punctual attendance is required of each student. **BE ON TIME FOR CLASS. IF YOU COME LATE, YOU WILL MISS CLASS INTERACTION.**

There will be a grade penalty for each unexcused absence. After *three unexcused absences the student might either be dropped from the course* or his/her grade might be negatively affected .

In addition to the College's policy, it is the instructor's decision as to what will constitute an excused absence based on academic and professional growth opportunities outside the class. If there is any question as to the nature of the absence, the student should seek out the instructor prior to the absence.

Excused Absences are defined as follows:

- Illness with a doctor's note
- Participation in a college function with a note from the advisor
- Death in the family with appropriate documentation

Students should not only attend each lab regularly and punctually, they should also come the lab prepared. As such, students should **REVIEW THE ONLINE LECTURE PRIOR TO EACH LAB SESSION.**

Required Language for Courses with a Face-to-face Component

Face Covering Policy: (required LANGUAGE for courses with a face-to-face component)

To reduce the spread of COVID-19, the University strongly encourages everyone (vaccinated or not) to wear face coverings indoors on campus, including classrooms, for both faculty and students.

PRESENCE IN CLASS: (required LANGUAGE for courses with a face-to-face component)

Your presence in class each session means that you:

- **Are NOT exhibiting any Coronavirus Symptoms that make you think that you may have COVID-19**
- **Have NOT tested positive or been diagnosed for COVID-19**
- **Have NOT knowingly been exposed to someone with COVID-19 or suspected/presumed COVID-19**

If you are experiencing any COVID-19 symptoms that are not clearly related to a pre-existing medical condition, do not come to class. Please see Student Protocols for what to do if you experience symptoms and Potential Exposure to Coronavirus for what to do if you have potentially been exposed to COVID-19. Consult the Undergraduate Excused Absence Policy or Graduate Excused Absence Policy for information regarding excused absences due to medical reasons.

INFORMATION TECHNOLOGY USED IN THIS COURSE:

The CIS/DIGM/TLIM program requires every student majoring in CIS/DIGM/TLIM to have their own laptop computer. For more information about laptop requirements, see:

Laptop Recommendations - [University of Houston](http://uh.edu) (uh.edu) (CIS)

Degree Requirements - [University of Houston](http://uh.edu) (uh.edu) (DIGM)

Software requirements plus other hardware required for this course include:

- USB flash drive for backing up work
- MS Teams, Zoom, and Blackboard
- Webcam
- Adobe CC
- MS Office 2019 or higher

All of the software except MS Office are available for download and installation on your personal computer courtesy of Azure Dev Tools for Teaching. Office 365 is free to you as a student. For additional information, please visit the following:

<http://www.uh.edu/technology/college/technical-support/general-faq/>

COMMUNICATIONS

Students are expected to check their college e-mails and Blackboard regularly. If online services go down, notices will be posted at the office. Student e-mails must be sent through a college e-mail. Communication time frame is 48 hours excluding weekends and holidays.

CLASS PROBLEMS

Occasionally, problems or concerns arise about the course you are taking. The ILT Department expects that you communicate with the course instructor about problems and concerns, first.

If problems or concerns cannot be resolved with the instructor, the next appropriate course of action is to contact the program coordinator, (Prof. Bret Detillier for CIS, Dr. Jerry Waite for DIGM, Professor Brian Mehring for TLIM). If the situation is still not resolved, contact the ILT Department Chair, Dr. Amaury Lendasse, to communicate your problems or concerns.

LATE ASSIGNMENTS

There is a great deal of work for this course.

- **Late Work WILL NOT BE ACCEPTED**

PROFESSOR WEEKEND POLICY

Professor Snyder truly wants to speak with you, to assist you, to help make you successful. However, there are parameters as to what you can expect. In particular, communications of any kind (e-mail, voice mails, or texts) sent to Prof. Snyder outside of business hours may be not be answered until the next business day. This is particularly true on weekends.

EXPECTATIONS

Students in this course are expected to be capable and motivated professionals. No such student should be content with a grade less than "B". Please provide the attention, motivation and effort necessary to reach this grade expectation.

Minimum effort = minimum grade

Maximum effort = maximum grade

EXTRA CREDIT

No extra credit is offered for this course.

CHEATING POLICY

Academic dishonesty, such as cheating, plagiarism, copyright infringement and collusion will not be tolerated.

Please see the UH website for more information:

<http://www.uh.edu/academics/catalog/policies/academ-reg/academic-honesty>

This includes the use of unauthorized books, notes, electronic resources (such as cell phones, laptops, smart watches, glasses, and tablets) or otherwise securing help on a test or assignment. All students involved will earn a grade of zero and no makeup is possible.

Copying another student's full or partial assignment, making changes and submitting it as your work is also cheating. All students involved will earn a grade of zero and no make-up is possible. The instructor also reserves the right to drop the student from the course if caught cheating.

WARNING SYSTEM

Consequences of In-lab disruptions:

- First Offense – you will be given a warning
- Second Offense – you will be asked to leave the room
- Third Offense- you will be reported to the department head and counselors

ADDS/DROPS

Please refer to the University's Undergraduate Catalog and the Schedule of Classes for the appropriate add/drop dates and procedures.

RECORDING OF CLASS

Students may not record all or part of class, livestream all or part of class, or make/distribute screen captures, without advanced written consent of the instructor. If you have or think you may have a disability such that you need to record class-related activities, please contact the Justin Dart, Jr. Student Accessibility Center. If you have an accommodation to record class-related activities, those recordings may not be shared with any other student, whether in this course or not, or with any other person or on any other platform. Classes may be recorded by the instructor. Students may use instructor's recordings for their own studying and notetaking. Instructor's recordings are not authorized to be shared with anyone without the prior written approval of the instructor. Failure to comply with requirements regarding recordings will result in a disciplinary referral to the Dean of Students Office and may result in disciplinary action.

AMERICANS WITH DISABILITIES ACT

Academic Accommodations: Students with disabilities who are requesting academic accommodations under Section 504 and the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 should contact the Disability Services Coordinator on campus and provide documentation that states evidence of a “substantially limiting” disability as defined by federal legislation noted above.

The college will make reasonable accommodations for students with documented disabilities. ***Please note that accommodations provided are not retroactive.***

UH CAPS STATEMENT

Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless.

You can reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the “Let’s Talk” program, a drop-in consultation service at convenient locations and hours around campus.
http://www.uh.edu/caps/outreach/lets_talk.html

UH POLICY ON CAMPUS CARRY OF CONCEALED WEAPONS

Beginning last year, legally licensed students, staff or faculty are authorized by the State of Texas to carry concealed weapons in University buildings. The relevant rules are at: <http://www.uh.edu/police/campus-carry/>

If you see a gun or if someone says they have one, then call the police first at either 713-743-3333 or call 911, then tell your instructor or TA.

Concealed means concealed.

Required Language for All Courses

COVID-19 Information:

Students are encouraged to visit the University's COVID-19 website for important information including on-campus testing, vaccines, diagnosis and symptom protocols, campus cleaning and safety practices, report forms, and positive cases on campus. Please check the website throughout the semester for updates.

Vaccinations:

Data suggests that vaccination remains the best intervention for reliable protection against COVID-19. Students are asked to familiarize themselves with pertinent vaccine information, and consult with their health care provider. The University strongly encourages all students, faculty and staff to be vaccinated.

Reasonable Academic Adjustments/Auxiliary Aids:

The University of Houston complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, pertaining to the provision of reasonable academic adjustments/auxiliary aids for disabled students. In accordance with Section 504 and ADA guidelines, UH strives to provide reasonable academic adjustments/auxiliary aids to students who request and require them. If you believe that you have a disability requiring an academic adjustments/auxiliary aid, please contact the Justin Dart Jr. Student Accessibility Center (formerly the Justin Dart, Jr. Center for Students with DisABILITIES).

Excused Absence Policy:

Regular class attendance, participation, and engagement in coursework are important contributors to student success. Absences will be excused as provided in the University of Houston Undergraduate Excused Absence Policy and Graduate Excused Absence Policy for reasons including: medical illness of student or close relative, death of a close family member, legal or government proceeding that a student is obligated to attend, recognized professional and educational activities where the student is presenting, and University-sponsored activity or athletic competition. Additional policies address absences related to military service, religious holy days, pregnancy and related conditions, and disability.

Syllabus Changes:

Due to the changing nature of the COVID-19 pandemic, please note that the instructor may need to make modifications to the course syllabus and may do so at any time. Notice of such changes will be announced as quickly as possible through (specify how students will be notified of changes).

Resources for Online Learning:

The University of Houston is committed to student success, and provides information to optimize the online learning experience through our Power-On website. Please visit this website for a comprehensive set of resources, tools, and tips including: obtaining access to the internet, AccessUH, and Blackboard; requesting a laptop through the Laptop Loaner Program; using your smartphone as a webcam; and downloading Microsoft Office 365 at no cost. For questions or assistance contact UHOnline@uh.edu.

UH Email:

Check and use your CougarNet email for communications related to this course. To access this email, login to your Microsoft 365 account with your CougarNet credentials.

Webcams:

Access to a webcam is required for students participating remotely in this course. Webcams must be turned on and in use when speaking to the class.

Honor Code Statement:

Students may be asked to sign an honor code statement as part of their submission of any graded work including but not limited to projects, quizzes, and exams: "I understand and agree to abide by the provisions in the (select: University of Houston Undergraduate Academic Honesty Policy, University of Houston Graduate Academic Honesty Policy). I understand that academic honesty is taken very seriously and, in the cases of violations, penalties may include suspension or expulsion from the University of Houston."

ACADEMIC HONESTY POLICY:

Students are expected to abide by the University of Houston Academic Honesty

Policy in all matters pertaining to this course.

Academic Honesty Policy – Office of the Provost
Academic Honesty Policy – Undergraduate Catalog

Other important University Policies and Helpful Information:

UH DAPS: Counseling and Psychological Services (CAPS) can help students who are having difficulties managing stress, adjusting to college, or feeling sad and hopeless. You can reach CAPS (www.uh.edu/caps) by calling 713-743-5454 during and after business hours for routine appointments or if you or someone you know is in crisis. No appointment is necessary for the "Let's Talk" program, a drop-in consultation service at convenient locations and hours around campus. http://www.uh.edu/caps/outreach/lets_talk.html

Coogs Care: <https://www.uh.edu/dsaes/coogsicare/>

Laptop Checkout Requests: <https://www.uh.edu/infotech/about/planning/off-campus/index.php#do-you-need-a-laptop>

Student Health Center: <https://uh.edu/class/english/lcc/current-students/student-health-center/index.php>