

Midland College
ITSC 2370 – Syllabus
Android Programming
SCH (3-1)

Course Description

An overview of creating and modifying mobile device applications utilizing current programming methodologies. The course will include projects in mobile device applications applying best practices from industry standards. Design interfaces for android applications. Produce concept documentation. Execute deployment procedures for various android devices. Prerequisites: ITSE 2321 , ITSE 2313 or instructor permission

Prerequisite/Co-requisite: COSC 1336 and/or ITSC 2313

Text, References and Supplies

CENGAGE UNLIMITED-ACCESS (12 Months), Author: CENGAGE, ISBN: 9780357700044 (This access code includes the eText for the course: Corrine Hoisington, Android Boot Camp for Developers using Java, Comprehensive: A Beginner's Guide to Creating Your First Android Apps 3e, Cengage Learning 2016, ISBN 13: 978 1 305 8599 5)

A computer with a webcam as well as reliable internet access – needed to take exams.

LockDown Browser and Respondus Monitor® one-year license - needed to take exams.

Software: We will be using *Android Studio* for this course.

Hardware: You can do your work anywhere you like; however, you will need a computer capable of running *Android Studio* to complete your work. For testing you will need to have access to a web camera.

NOTE: You are not required to purchase a printed textbook. However, students can obtain this book thru their Cengage Unlimited account for an additional fee.

Student Learning Outcomes (SLO) and Core Competencies:

SLO1. Create Android Projects

SLO2. Design Mobil User Interfaces

SLO3. Produce Documentation

SLO4. Deploy Android applications across various devices

SLO5. Demonstrate knowledge and understanding of Android vocabulary and terms

Student Contribution/ Class Policies:

Students are encouraged to contact the instructor at any time. If you need to meet with the instructor, you will need to make an appoint to guarantee the instructor's availability at a specific time.

Students will be expected to exhibit professional behavior in class. With regard to cell phone use, keep it on silent and do not take calls unless it is an emergency. Texting, social networking, gaming or any other type of cell phone activity is not permitted during class time. Students may not use their cell phones at all while completing exams.

Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. ***Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.***

Students are expected to participate in class regularly. It is the student's responsibility to log into Canvas. All due dates can be found on the course schedule posted in Canvas. Students are expected to behave in a manner that will not interfere with the learning process.

Should you find that you are unable to complete the course, it is necessary for you to contact the Office of Student Services at Midland College and officially drop the class; otherwise a grade of "F" will be given for the semester grade. The policy for student withdrawals is stated in the college Catalog in the [Student Rights & Responsibilities](#) section. The last day for withdrawal is published in the Midland College catalog and the current course schedule.

Midland College does not tolerate ***scholastic dishonesty or academic misconduct*** in any form. Please read the [Midland College student handbook](#).

COVID-19 prevention

Students attending face-to-face classes during the fall semester are required to wear face masks and maintain physical distancing at all times while in classrooms and buildings.

Students are encouraged to self-screen for COVID-19 symptoms each day before coming on campus. Students experiencing COVID-19 symptoms should stay home. Students are required to clean their own workspaces before and after each class using products provided by the college.

Grading/ Evaluation of Students:

Upon completion, your performance objective scores will be translated to percentages and the percentages to grades. Assignments will be evaluated and a score assigned. The score will be expressed as a percentage of possible points earned. Percentages are converted to grades and will be assigned as follows:

- <60% = F
- 60% - 69% = D
- 70% - 79% = C
- 80% - 89% = B
- 90% - 100% = A

Quizzes.....	10%
Lab Assignments	40%
Semester Project	30%
Exams.....	20%
Total.....	100%

Proctored Exams:

All exams must be proctored. A proctored exam is an exam that is supervised by an approved, neutral person (a proctor) who ensures the identity of the test taker and the integrity of the test taking environment. Proctoring for this course is done using [Respondus LockDown Browser + webcam](#)

All exams have a due date. No late submissions will be accepted.

Course Schedule:

For a tentative schedule of the class material and specific due dates of assignments to be covered, please refer to the schedule provided in Canvas.

Canvas:

It is important for you to log into [Canvas](#) every day.

ADA Statement:

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester. More information can be found at [disability services](#)

AMERICANS WITH DISABILITIES ACT

The Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act require that no otherwise qualified person with a disability be denied access to, or the benefits of, or be subjected to discrimination of any program or activity provided by an institution or entity receiving federal financial assistance. It is this Section 504 mandate that has promoted the development of disability support service programs in colleges and universities across the country. Sub-part E of Section 504 deals specifically with this mandate for institutions of higher education.

While it does not require development of special educational programming, for students with disabilities, it does require that an institution (public or private) be prepared to make appropriate academic adjustments and reasonable accommodations to allow the full participation of students with disabilities in the same programs and activities available to non-disabled students. Disabilities may include things such as physical/mobility problems such as paralysis or academic problems like learning disabilities. Some examples of accommodations are extra time for tests, testing in a quiet location, and providing architectural access to buildings.

Non-Discrimination Statement:

Midland College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following individuals have been designated to handle inquiries regarding the non-discrimination policies:

Tana Baker
Title IX Coordinator/Compliance Officer
3600 N. Garfield, SSC 242
Midland, Texas 79705
(432) 685-4781
tbaker@midland.edu

Or

Natasha Morgan
Human Resources/Payroll Director
3600 N. Garfield, PAD 104

Midland, Texas 79705
(432) 685-4534
nmorgan@midland.edu

Midland College no discrimina por motivos de raza, color, nacionalidad, sexo, discapacidad, o edad en sus programas o actividades. Las siguientes personas han sido designadas para responder a cualquier pregunta o duda sobre estas políticas no discriminatorias:

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Para más información sobre estas políticas no discriminatorias, visite <http://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm> o llame al 1 (800) 421-3481.

Applied Technology Division Information:

Division Dean:	Curt Pervier	143 TC	(432) 685-4677
Program Chair:	Heather Sanders	142 TC	(432) 686-4821
Division Secretary:	Lisa Hays	143 TC	(432) 685-4676

Communication is important! If you have a problem that is interfering with your successful completion of this course, please contact the instructor. Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor's availability at a specific time.

Allow 48 hours for the instructor to return all calls and emails.