NORTH CENTRAL TEXAS COLLEGE
COURSE SYLLABUS

Course Title: Android App Development (Special Topics in Computer Programming)		
Course Prefix & Number: ITSE 1391	Section Number: 400	Term Code:
Semester Credit Hours: 3	Lecture Hours: 32	Lab Hours: 32
Course Description: Native mobile apps and software development concepts specific to the Android operating system. Basic concepts of integrated development environments, Eclipse especially. Introduction to the Java programming language.		
Course Prerequisite(s): None		
Course Type: ☐ - **Academic General Education Course** (from Academic Course Guide Manual but not in NCTC Core) ☐ - **Academic NCTC Core Curriculum Course** ☒ - **WECM Course**		

Name of Instructor:	Brent Lehman
Campus/Office Location:	Corinth, room 236
Telephone Number:	TBD
E-mail Address:	blehman@nctc.edu
Office Hours:	Tues 10am-2pm or by appointment

Name of Chair/Coordinator:	Judy Archer
Office Location:	Corinth, C232
Telephone Number:	940-498-6292
E-mail Address:	jarcher@nctc.edu

COURSE MATERIALS

Textbook: *Head-First Android Development*, Griffiths and Griffiths; available at the Corinth bookstore.

You'll need a computer capable of running the latest version of Android Studio. You'll also need Android Studio, which is freely available at https://developer.android.com/studio/index.html .

COURSE REQUIREMENTS, EVALUATION METHODS, GRADING CRITERIA

Homework will comprise exercises and programming assignments. Exercises will generally take the form of essay questions. Projects are expected to contain the elements required in the assignment, have no broken code or elements, and look consistent. See the assignments for full details and requirements.

For the projects, this course uses a mastery learning approach (see below). Thus, students get more than one opportunity to show that they can master the materials required in assignments.

Project Assignments

- Late homework will not be accepted.
- Students are responsible for getting required software resources installed and working on their personal machines. I'm here to help.
- Tip: Getting your programming environment to cooperate can sometimes be just as challenging as the programming work itself.
- The course makes the most sense in Canvas if you view it via the Modules tab.
- I try to respond to emails on the day of receipt, but you should allow for 24 hours for a response on emails sent Sunday through Thursday, and 48 hours for emails sent on Friday or Saturday.
- If Canvas loses any of your assignments, take it up with the eCampus help desk. If Canvas is the cause of the problem they might be able to recover your work. You can submit a ticket here: http://ecampushelpdesk.nctc.edu/hc/en-us/requests/new .

# of Graded Course Elements	Graded Course Elements	Percentage or Points Values
14	Quizzes and Homework	65%
2	Exams	35%

GRADING SCALE

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

PROGRAM PURPOSE STATEMENT

NCTC seeks to implement its goal of providing quality technical programs leading directly to careers in semi-skilled and skilled occupations, and quality technical education programs up to two years in length leading to certificates and associate degrees by offering a coherent

sequence of courses with appropriate breadth and depth to prepare students for success in the workforce.

DEPARTMENTAL PURPOSE STATEMENT

The goal of the Computer Information Technology (CITE) program is to prepare students for successful entry level careers in the IT industry, and/or prepare students for success in pursuing higher education in the Computer Information System and Technology fields.

STUDENT LEARNING OUTCOMES

At the end of this course, the student shall be able to:
- Describe development and brief history of mobile applications and operating systems.
- Demonstrate the ability to prepare for and install mobile design software.
- Express and use correct terminology.
- Demonstrate Android user interfaces.
- Exhibit knowledge of Android user input, variables and operations
- Perform troubleshooting procedures for system problems and describe methodologies for measuring and enhancing system performance.
- Implement audio installations in Android apps
- Create and publish an Android app

Last day to Withdraw	For the Spring 2017 semester, the last day to withdraw from a course without a grade of "W" is January 30, 2017. The last day to withdraw is April 6, 2017. The instructor will not drop you from this course. You must complete applicable papers and file them with the Registrar's Office before the final drop date.
Student Rights & Responsibilities	NCTC Board policy *FLB (Local) Student Rights and Responsibilities* states that each student shall be charged with notice and knowledge of the contents and provisions of the rules and regulations concerning student conduct. These rules and regulations are published in the Student Handbook published in conjunction with the College Catalog. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct.
Scholastic Integrity	Scholastic dishonesty shall constitute a violation of college rules and regulations and is punishable as prescribed by Board policies. Scholastic dishonesty shall include, but not be limited to cheating on a test, plagiarism, and collusion.
Filing a	If the complaint involves a problem with an instructor, the student shall

Complaint	discuss the matter with the instructor before requesting a conference with the department chair…. If the complaint involves a grade received, the student shall collect all tests, papers, daily assignments, class notes and other relevant material prior to the conference with the instructor." (See Student Handbook > Discussion of Complaint). Failure to follow the procedure will result in no action taken.
CITE Certifications	If you are planning to complete a certificate, you must take the competency exam prior to graduation. Contact Judy Archer at jarcher@nctc.edu within three weeks of graduation.
Learning Management System	This course will be augmented by using NCTC's online course delivery system, CANVAS. Log into CANVAS from the NCTC home page (www.nctc.edu) or directly at www.CANVAS.nctc.edu. Discussion boards and emails may be available on CANVAS. Participation in CANVAS is MANDATORY.
	If a student should experience problems accessing the course material in CANVAS any Virtual Labs, or in sending/receiving course mail, it is the student's responsibility to notify the instructor immediately. Even though your grades will be posted on the CANVAS grade book, it is your responsibility to keep a record of your grades. Please give me at least two weeks to post your grades after the final due date of the assignment.

STUDENT SUPPORT SERVICES

Early Alert and NCTC CARES	The NCTC Early Alert program has been established to assist students who are at risk of failing or withdrawing from a course. Your instructor may refer you to this program if you are missing assignments, failing tests, excessively absent, or have personal circumstances impacting your academic performance. If submitted as an Early Alert you will be notified via your NCTC e-mail address and then contacted by a Counseling and Testing advisor or counselor to discuss possible strategies for completing your course successfully. The NCTC CARES (Campus Assessment Response Evaluation Services) Team addresses behavior which may be disruptive, harmful or pose a threat to to the health and safety of the NCTC community-such as stalking, harassment, physical or emotional abuse, violent or threatening behavior, or self-harm. As a student, you have the ability to report concerning behavior which could impact your own safety or the safety of another NCTC student. Just click the NCTC CARES Team logo posted on MyNCTC, or send an e-mail to CARESTeam@nctc.edu. As always, if you

		feel there is an immediate threat to your own safety or welfare (or to another student), please call 911 immediately.
Disability Services (OSD)		The Office for Students with Disabilities (OSD) provides accommodations for students who have documented disability. On the Corinth Campus, go to room 170 or call 940-498-6207. On the Gainesville Campus, go to room 110 or call 940-668-4209. Students on the Bowie, Graham, Flower Mound, and online campuses should call 940-668-4209. North Central Texas College is on record as being committed to both the spirit and letter of federal equal opportunity legislation, including the Americans with Disabilities Act (ADA) of 1990, ADA Amendments Act of 2009, and Section 504 of the Rehabilitation Act of 1973 (P.L. 93-112). http://www.nctc.edu/StudentServices/SupportServices/Disabilityservices.aspx
Childcare Reimbursement Program		The Childcare Reimbursement Program provides support services for NCTC students pursuing a career in a **technical field of study** to help them complete their career plans. The program will reimburse technical declared students a percentage of their daycare expenses if the child is **attending a licensed or registered daycare facility**. This is on a first come first serve basis, and is available to students on all 5 campuses. *Please note, we do not have a childcare facility on any of our 5 campuses. This is a reimbursement program only.* Students who wish to become eligible for Childcare Assistance Program need to: • Declare in a technical field of study • Establish financial need ◦ Ex: Pell Grant recipient, Food Stamp recipient, W2, etc. • Complete a Childcare Reimbursement Program Application and provide all necessary documentation. The Application can be found online at http://www.nctc.edu/StudentServices/Childcare.aspx For more information, please contact Yvonne Sandmann on the Gainesville Campus at 940-668-4209 ext. 4321, or by email at ysandmann@nctc.edu.
Student Success Center		The Student Success Center is designed to help all students at NCTC develop tools to achieve their academic goals. The program helps students acclimate to college by providing students free interactive workshops about Time Management, Study Skills, Test Anxiety, and much more**.** For more information, please visit your nearest Student Success Center. Counseling and Testing staff offer a variety of services to current and prospective students, such as College 101, placement testing, academic

		advising and course registration, transfer assistance, and College Success seminars (Time Management, Study Skills, Test Anxiety, Choosing a Major, Learning Style Strategies, Career Exploration), and much more. http://www.nctc.edu/StudentServices/CounselingTesting.aspx Student Success offers academic coaching, tutoring, including a Writing Center, a Math Lab, free 24/7 online tutoring through Grade Results and assist new students acclimate to college by providing computer lab services for prospective students. First generation students can also participate in TRIO which offers specialized support services. http://www.nctc.edu/StudentServices/SupportServices.aspx Financial Aid offers financial resources for students that qualify, visit the financial aid offices for more information. http://www.nctc.edu/FinancialAidHome.aspx
Financial Aid, Scholarships, and Veterans Services		The Financial Aid Office is responsible for administering a variety of programs for students who need assistance in financing their education. The first step for financial aid is to complete a FAFSA. For more information, please visit your nearest Financial Aid Office.
Other Pertinent Information		The instructor reserves the right to amend the syllabus at any time during the semester. Any announcements/information disseminated during class will take precedence over the syllabus. Assignments are due on the assigned due date. Late assignments are not accepted. No excuses!
Tobacco Policy		NCTC restricts the use of all tobacco products including cigarettes, cigars, pipes and smokeless tobacco on campus property. NCTC is aware that tobacco use influences underage students, promotes unsightly tobacco litter, and interferes with assuring clean air for all who come to NCTC. NCTC recognizes the health hazards of tobacco use and of exposure to second hand smoke. Information on a tobacco cessation program is available for students, faculty, staff who wish to stop using tobacco products. We would like to thank you for your help in making our campuses tobacco free. For questions or concerns please contact the Office of the President of Student Services at 940.668.4240.