EENG 3920 - Project VI: Modern Communication System Design
Spring 2018

Instructor: Colleen Bailey PhD, NTDP B252, Colleen.Bailey@unt.edu

Lecture/Lab: W 2:30 PM to 5:20 PM; NTDP B207

TA: Puja Sah, NTDP B245, pujasah@my.unt.edu

Co-requisite: EENG 3520 Electronics II

Course Description: Students are required to design electronic communication systems with
electronic devices such as transistors, capacitors, inductors, and resistors. Topics include LC cir-
cuits and oscillators, AM modulation, SSB communications and FM modulation.

Textbook: none

Grading: (can be adjusted at instructors discretion)
Effort and Attendance 10%
Labs 40%
Homework 10%
Quizzes 15%
Final Project 25%

Course Objectives: Understand the basic concepts and circuits used in communication systems.

Blackboard: Course material and grades will be maintained on the course Blackboard site. You
should check this page often to keep current on important information. https://learn.unt.edu

Rights and Responsibilities:

• Students aware of an authorized absence from a scheduled class or exam (religious observance,
military service, official university function, etc.) should notify the instructor as soon as
possible according to UNT Policy 15.2.5.

• Students with disabilities should inform the instructor of their needs at the beginning of the
semester according to UNT Policy 18.1.14 in order to receive proper attention and accommo-
dations.

• Cheating and academic dishonesty will not be tolerated. Any student found to have partici-
pated in academic dishonesty will receive an F in the class, and may be subject to further
disciplinary action. Acts of academic dishonesty include: academic fraud (e.g. changing solu-
tions to appeal a grade), copying or allowing one’s work to be copied, fabrication/falsification,
plagiarism, sabotage of others’ work, substitution (e.g. taking an exam for someone else).
For more details, see UNT Policy 18.1.16.

• Letter grades will not be assigned until the end of the term, after the final exam has been
graded. Any letter grade assignment posted before the end of the class should be regarded
as tentative and subject to change.