# School of Information & Library Science
# University of North Carolina, Chapel Hill
# INLS 382, Information Systems Analysis & Design, Spring 2017
# COURSE SYLLABUS

**Time**: 6:00-8:45 p.m., Thursday
**Instructor**: Dr. Ryan Urquhart (ryanu@email.unc.edu)
**Required text and readings:** Hoffer, George & Valacich (2016). *Modern Systems Analysis and Design*. 8th Edition. (Additional readings are required, as posted on the course website)
**Course Website:** https://inls382.web.unc.edu/
**Sakai:** Student grades are available through Sakai
**Office hours:** There are many different avenues to address any concerns you may have about the course. For instance, we can talk via Skype, email or IM. Or, we could set-up a time for a face-to-face. Whichever works best for you, just let me know whenever the need arises.

## Course Description

Analysis of organizational problems and how information systems can be designed to solve those problems. Application of database and interface design principles to the implementation of information systems.

At the conclusion of the course, you should have a good understanding of how to approach the task of mapping an information technology solution onto an organizational information requirement. You will not be a seasoned systems analyst; that's something that comes with time and experience. However, you'll be able to be an active participant for your organization on a systems design team, or able to make more informed decisions from a management perspective. You should be able to:

Describe the steps in traditional system design, as well as describe common alternative methods;
Describe the impact that information systems have upon an organization, both from a process and human viewpoint;
Understand the need for security, auditability and control in information systems;
Understand the role information has in solving business information problems;
Analyze a business information problem and articulate a plan to create a solution.

## Textbooks

Hoffer, George & Valacich (2016). Modern Systems Analysis and Design. 8th Edition.

**Assignments**
Readings (usually from Hoffer, George & Valacich) will typically be assigned for each class period, and will be listed in the course calendar for the appropriate date. Please come prepared. Class discussion are important, and I expect all students to participate. You will not receive maximum participation credit if you are silent all semester.There will be four short written assignments (delivered as brief papers, annotated diagrams and/or problems) throughout the course of the semester. I expect these to be typed. I will not accept hand-written papers!

1. All assignments must be turned in on the due date. (30 pts will be deducted from late assignments)
2. All written assignments should be typed, double-spaced, using 12-point font. No handwritten assignments will be accepted.
3. We will use Sakai for submitting course assignments. Each assignment should be saved as a pdf in the following format lastnamefirstinitial_Assignment #. For example, if your name is John Brown and you've completed Assignment #1, the uploaded file would be "brownj_Assignment#1". Failure to save as a pdf and upload the file file correctly will result in 10 pts being deducted from the assignment.

**Grading**
Midterm – 20%
Quiz – 20%
Final exam – 20%
4 mini-projects – 15%
Homework – 10%
Class participation – 15%

Grades will be posted in the Sakai gradebook.

**Weekly Assignments**

*Article*
Students are required to find an article from a magazine, newspaper, reputable website and present it as it relates to the subject matter being taught that day or about Information Systems. Each presentation and write-up will be worth 20 points (10 paper / 10 presentation).

The write-up should state the problem (or information system) is about. How does it relate to the class? How is it helping the business day-to-day operations? What would occur if the information system was not in place? There is always room for improvement, so think of things that can be done to make the information system better?

The presentation should be no more than 5 slides and no longer than 20 minutes. The slides should be concise and I expect students to be able to explain the problem clearly. I will deduct points if you are reading from the slides.

Submit the url to the article in the Online Discussion Forum in Sakai (Discussion and Private messages > Class Discussions). It the responsibility of your colleagues to read the article before class and submit questions about the article in the section where the article is posted.

*Classroom Activities*
Each class will consist of activities from the book or activities that the professors has deemed relevant to the subject being taught on that specific day.

*Quiz*
Each class will start with a quiz on the information that will be discussed during class. Each quiz will be 25 minutes. After you complete the quiz, you cannot open your laptop or book because the person next to you (or behind you) may still be working. However, you may quietly excuse yourself from the class until the class resume.

**4 Simple Rules for Success**
This course has four important rules. If you choose to follow these rules, your odds of learning the material and earning a good grade in this class will improve greatly (these rules will also help you succeed in your other classes).

1. Show up!
2. Do the work!
3. Participate actively!
4. Be Honest!

The Honor Code will be in effect. Do not give or receive any unauthorized aid. If you have any questions about this, please contact me!

**Equality Statement**
The instructor is dedicated to establishing a learning environment that promotes diversity of the students including race, class, culture, religion, gender, sexual identity, and physical ability. It is important that this is a safe classroom environment. We will practice being generous and respectful members of our classroom community. Anyone noticing discriminatory behavior in this class, or who feels discriminated against, should bring it to the attention of the instructor immediately.