

CSIT 211-51X Systems Development & Implementation CRN 27551

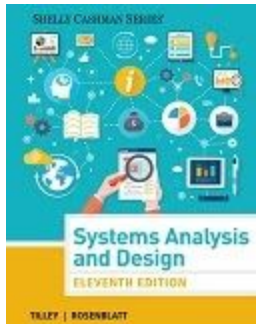
Spring 2020 - Syllabus v0.0

Section Info: Tuesday 6:00 pm - 9:50 pm West Building W310

Version

- Version 0.0 - 1/21/2020 - Sketch

Book Information



Systems Analysis and Design, Scott Tilley/Harry J. Rosenblatt, Cengage, 11th Edition
(or 12th edition)

Instructor

Name: Stephen T. Brower

Office: West Building W324

Work # (908) 526-1200 x8259

preferred email: stephen.brower@raritanval.edu

Note:

For those that had a class with Brower before take note: there is a VERY different Late/Life Happens policy than in the past ...even different than Fall 2019

Instructor Website

Website has information on any changes to office hours (example: no office hours during Spring Break)

Website has a link to the class page for this course where you can get the Syllabus and Class Schedule. Website does not require you to logon

See: <http://rvccmccs01.raritanval.edu/~sbrower/>

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Spring 2020 Office Hours (1/21 - 5/4)

- Monday 2:00 - 3:00
- Wednesday 3:00 - 5:30 (except 3rd Wednesdays)
- Thursday 5:00 - 6:30
- AND by appointment

Course Overview

Prerequisites: CSIT 132 Systems Analysis & Design and a programming language) This course is a continuation of the Systems Analysis and Design course which focuses on the Development and Implementation process for Information Systems. State-of-the-art design techniques are emphasized. Students produce a usable system with input methods, storage in relational database, and queries and reports for output. System implementation, documentation, integration and maintenance methodologies are explored.

General Education Learning Outcomes

At the conclusion of the course, students will be able to:

1. Apply quantitative reasoning to design, develop and implement an information system that solves the problem of a need for a system by an organization (NJ-GE 2)

Course Learning Outcomes

At the conclusion of the course, students will be able to:

1. Discuss the major concepts of systems development and implementation including development and processing considerations, implementation planning and database design
2. Describe the Internet client/server architecture needed to support systems development and implementation
3. Generate relational databases in using appropriate tables, forms and reports
4. Design and develop the tools needed in systems development such as data flow diagrams, data dictionaries, network diagrams, and test plans
5. Create and test a system using the tools developed throughout the course

Which Email to use and Email Response Time

If you have a question or you need an assignment “returned to you” in Canvas, the preferred (fastest) way to contact the instructor is via his preferred email: stephen.brower@raritanval.edu

Over the last several semesters, I found the email system embedded in Canvas frustrating. So please email me at: stephen.brower@raritanval.edu

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The goal is to respond in less than 24 hours.

Occasionally there are known exceptions such as during Spring Break where a response may take a little longer. If the instructor knows ahead of time there will be a period of unavailability longer than 24 hours, that will be communicated to the class.

Course Routine

Classes will usually consist of 3 possible segments: Lecture, Lab Lecture, and Lab Time

Lecture

A majority of the lectures will be on topics on Systems Development & Implementation. Some of the lecture will be the theoretical nature some of the lecture will be on Access.

Lab Lecture

the Lab Lecture will be an introduction to the week's lab(s) which could be a review of the topic(s) introduced in the Lecture or simply "here".

Lab

There are two kinds of labs: *Systems Development & Implementation Labs* and *Access Labs*. Many of the *Systems Development & Implementation Labs* will be paper-based group exercises related to the Data Structure topics from the lectures. *Access Labs* will be for individual work using the computer to implement databases and components (queries,reports,forms). During Lab time, take as many breaks as needed.

If you finish the lab early, you should look ahead on the Class Schedule

Grade Determinants:

Item	Percent
Homework	10%
Systems Development & Implementation Labs	15%
Access Labs	15%
Project	20%
Mid-Term Exam	20%
Final Exam	20%

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Grade	% Range
A	89.5-100.0+
B+	86.5-89.4
B	79.5-86.4
C+	76.5-79.4
C	69.5 - 76.4
D	59.5 - 69.4
F	0 - 59.4

Homework

The last time I taught this course, homework was both short answer questions and problem based questions. Based on the success of what I have done in other classes, the problem based questions will be done in Systems Development & Implementation Labs instead of homework and the homework should mostly be short answer questions.

The Homework will be posted in Canvas. Homework must be submitted electronically via Canvas as a document saved as a **.docx** or **.rtf** file.

Systems Development & Implementation Labs

It is envisioned that most of the Systems Development & Implementation Labs will be group based and will be based on the “theory” of Systems Development & Implementation that is covered from the book.

Access Labs

Since some of the topics will be on designing databases, reports, and forms, Access will be used for hands on practice on these topics. There will be individual labs that will focus on aspects of Access.

The Access Labs will will be distributed in class and posted in Canvas later. Access Labs must be submitted electronically via Canvas, and many times the .accdb database will be attached.

Project

The Project is an individual Project. The Project will be in three parts. Part 1 will be the pitch for the idea for the project. Part 2 will be a number of design elements and a database with sample data. Part 3 will be the final database.

The submission medium for the 3 parts will be different, but for the final part, the .accdb database will be attached in Canvas.

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Exams

Note the Class Schedule for the dates of the exams. If you are late for the exam, you will only have the time until the scheduled end of the exam.

Exams must be taken on days assigned. If you know ahead of time that you cannot make an exam, ask the instructor to arrange for the exam to be left in the testing center or to arrange another time.

About a week before each exam, a 'information' sheet on the exam will be distributed. That information sheet will cover the format and content of the exam.

Failure to notify the instructor that the Midterm exam will be missed will result in a makeup that *might* be harder, *not by design, but by consequence of being different*. Missing the Final Exam will result in a 0 on the Final Exam so that grades can be submitted on time before fleeing the state.

The Midterm Exam will be one hour long; the Final Exam will be two hours long. Both exams will be closed note /closed book / closed computer, and cumulative up to that point.

Cheating Policy - *Don't cheat!*

Cheating is not allowed on Homework, Access Labs, and Exams. All parties involved in cheating will receive a 0 and will be reported to the dean. Excessive cheating within the class can result in an F for the course. Excessive cheating at RVCC can result in expulsion. Consult your student manual.

Late Policy

Don't submit work late!

According to the RVCC Catalog, students are not to be penalized for 1 week of absences. To accommodate this, at the end of the semester the lowest homework, the lowest Systems Development & Implementation Labs and the lowest Access Lab will be dropped.

"Life Happens"

According to the RVCC Catalog, students are not to be penalized for 1 week of absences. To accommodate this, at the end of the semester the lowest homework, the lowest Systems Development & Implementation Labs and the lowest Access Lab will be dropped. That handles life happens.

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Extra Credit

Some exams/homework/labs/projects contain extra credit questions/opportunities. Other than that, no extra credit opportunities will be provided.

For example, if you choose not to submit ANY homework and then in April you ask for "Extra Credit" to make up for the missed homework, the answer is NO.

Classroom Behavior

Cell Phones:

For the "lectures" please silence cell phones. It is understood that there may be times when emergency calls occur or the "pick me up at the airport" call needs to happen. For those calls please step into the hallway to take the call. During lab time, you can turn the sounds back on the cell phones.

Talking:

For the "lectures" please don't talk. It is understood that you may need to turn to a neighbor for the occasional question like "what slide is he on?" or "which query is that?" or "what page # did he say?" and that's fine. It is the full conversations that are distracting not only to me but to the class as a whole. For the Lab Time you can talk all you want, but "indoor voices" please.

Language:

The instructor will try his darn-doodliest to not swear during class time but an occasional expletive may slip out. Please try your darn-doodliest not to swear but don't fear reprisals if an occasional expletive slips out.

Proper Use of Computers:

During Lecture:

the instructor is easily distracted by typing and would prefer that computers are not used during the lecture. **Printing during lecture is extremely distracting and very upsetting** Pointing and laughing at the monitors is very distracting. If class members repeatedly distract the instructor, then all computers and laptops must be closed down.

During Lab:

During lab time everyone should be working on the labs/projects/homework. None of the labs/projects/homework require social media sites.

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Class Attendance

Students are expected to attend all classes for every course in which they are enrolled. To accommodate students' reasonable, personal situations that might prevent them from attending classes, each student is entitled to excused absences amounting to the equivalent of one week's class time in a semester. Absences in excess of this standard are handled individually by each faculty member. A student with absences amounting to one-fifth or more of the term's lecture or laboratory classes is subject to administrative withdrawal by the Dean of Instruction upon the recommendation of the faculty member.

Note:

Sometimes attendance is taken based on what graded items were not returned. If you come in late and see that graded items were returned, please wait for a break or Lab Time to get your graded items

Withdrawal Procedure

See school's webpage for Spring 2020 Withdrawal and Refund Schedule and Refund Info (see:

https://commons.raritanval.edu/admin/finance/Documents/Spring%202020%20WithdrawalRefundSchedule%20and%20Enrollment_Payment%20Calendar.pdf)

(see: https://commons.raritanval.edu/admin/finance/Pages/refund_info.aspx)

Class Schedule

Please see the Class Schedule for the listing of lecture topics and timing of homework / labs / projects / exams

Syllabus Part 2-College Policies

Please see the "Syllabus Part 2-College Policies" document

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