

ACCOUNTING 648 – ADVANCED ACCOUNTING INFORMATION SYSTEMS  
Syllabus – Fall, 2014

Instructor: Christopher Wolfe  
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Class hours: Tues. and Thurs. 8:00 am – 2:00 pm  
Office hours: Office hours 2:00 pm to 4:00 pm Monday and Wednesday  
Help desk – to be determined

### Required Materials

1. SAP University Alliance and The Rushmore Group LLC, *Business Process Integration I and II*, Vermillion, SD, 2009.  
(Available at no charge on eCampus.)

### Prerequisites

Students must have completed Acctg. 427.

### Course Objectives

In this course, we will create a company from scratch in SAP. We will make use of multiple SAP modules: Finance (FI), Controlling (CO), Sales and Distribution (SD), and Materials Management (MM). This portion of the course has two objectives. The first is the study of integrated business processes with a focus on accounting systems, accounting transaction recording, and internal control. The second objective is the analysis of how the aforementioned business processes are designed in an enterprise resource planning system (ERP) with specific reference to SAP.

In the second portion of this course, we will focus on data analytics. Using SAS, we will perform data management, descriptive analytics, and predictive analytics. This portion of the course has two objectives. The first is to introduce SAS as a data analysis tool. The second is to develop facility with using and interpreting the data analysis tools within SAS.

### Learning Outcomes

Students will be able to navigate SAP, perform standard processing cycle transactions in SAP, comprehend internal controls in SAP, comprehend the journalizing process in SAP, and comprehend the major underlying components and processes of SAP.

Students will be able to perform basic data management in SAS, and perform and analyze basic statistical procedures in SAS.

### Course Conduct

1. Attendance is required, and it will be taken at the beginning of each class period. Attendance will be based on attending class for the entire class period or attending until you have completed that day's assignment. An early exit from class will result in your being marked absent. It is your duty to check the attendance roster if you are not present when class begins. Only university-approved excuses for absence are accepted. There are 50 points assigned to participation/attendance. Each day missed will result in a deduction of five points from the class participation/attendance allocation.

2. We will build a company in SAP as part of the tutorial process. This build will occur over the course of the semester. The entire class will work under the same client with separate companies within that client for each student in the class. As noted in the grading section, your in-class company build is worth 150 points. You may be afforded some class time for the build, but most of it will be done outside of class and will constitute homework. Anyone falling behind the syllabus in their company build will receive a deduction of five points from the 50 points assigned to company build (currency) for each class day that they remain behind in their build. Also note that it is impossible to copy someone else's company build.
3. Caveats. SAP records all activities by user ID; so all your key activities are logged. Any malicious activities are easily identifiable and will be dealt with to the full extent of University regulations. SAP is unforgiving. If you make a small mistake at one point and add data at another point, then you've lost the ability to make a change. Some mistakes are fatal and if you make a fatal mistake, then there is no alternative but to start over on a new company build. Be careful and be fastidious. Note that anyone required to start over will be given time to catch up with no penalty.
4. Students with errors in their build are expected to debug these errors. I will only become involved in the debugging process after considerable effort has been put forth by the student to determine the problem.
5. There will be six short announced quizzes worth 10 points each. Your lowest quiz score will be dropped. There are no quiz make-ups unless you miss two quizzes with university-approved absences on each quiz missed.
6. There are two exams and a final. A missed exam can be made up if the absence is a university-approved excuse. Contact me as soon as possible about missing an exam.
7. A curved grading scale is possible, but cutoff ceilings of 90%-A, 80%-B, 70%-C, etc. are in effect for your final course grade.

8. Grading:

**Out-of-Class**

Company Build (Completion)	100	
Company Build (Currency)	50	
SAS homework	30	180

<b>Quizzes</b> (best 5 of 6)	50	50
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**Mid-Term Exams**

Exam I	75	
Exam II	75	150

**Participation/Attendance**

Professor Assigned		50
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<b>Final Exam</b>		<u>100</u>
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<b>Grand Total</b>		<u>530</u>
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### Course Outline

Day#	Unit	Date		Topic
1		2-Sep	Tues.	Introduction to SAP
2	3	4-Sep	Thurs.	Organizational Structures
3	4	9-Sep	Tues.	General Ledger -- Master Data
4	5 & 6	11-Sep	Thurs.	Vendor Master/Material Master
5	7	16-Sep	Tues.	Rules
6	8	18-Sep	Thurs.	System test
7	9 & 10	23-Sep	Tues.	Automatic Account Assignment
8	11	25-Sep	Thurs.	System test
9	12 & 13	30-Sep	Tues.	S&D Organizational Structures
10	14	2-Oct	Thurs.	<b>Exam I</b>
11		7-Oct	Tues.	Review
12	15	9-Oct	Thurs.	S&D Master Data and Pricing
13	16 & 17	14-Oct	Tues.	Automatic Account Assignment
14	18 & 23	16-Oct	Thurs.	System test
15	2 & 3	21-Oct	Tues.	Controlling Structures
16	4, 5, & 6	23-Oct	Thurs.	Controlling Master Data & Rules
17	7 & 8	28-Oct	Tues.	Dist. & Assessments -- Internal Orders
18		30-Oct	Thurs.	<b>Exam II</b>
		4-Nov	Tues.	Review
20		6-Nov	Thurs.	Working with SAS Datasets
21		11-Nov	Tues.	Working with SAS Datasets
22		13-Nov	Thurs.	Experimental and Survey Data
23		18-Nov	Tues.	Experimental and Survey Data
24		20-Nov	Thurs.	Correlational Studies
25		25-Nov	Tues.	Correlational Studies
26		27-Nov	Thurs.	Thanksgiving
27		2-Dec	Tues.	SAS Enterprise Miner
28		4-Dec	Thurs.	SAS Enterprise Miner
29		9-Dec	Tues.	Review

8:00 am -- Monday 12/15 1:00 pm - 3:00 pm

9:35 am -- Friday 12/12 12:30 pm - 2:30 pm

12:45 pm -- Wednesday 12/17 8:00 am – 10:00 am

## **Americans with Disabilities Act (ADA) Policy Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Department of Student Life, Services for Students with Disabilities, in Room B118 of Cain Hall or call 845-1637. For additional information visit <http://disability.tamu.edu>

## **Academic Integrity Statement and Policy:**

### Aggie Honor Code

“An Aggie does not lie, cheat, or steal or tolerate those who do.”

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the Texas A&M University community from the requirements or the processes of the Honor system. For additional information please visit: <http://www.tamu.edu/aggiehonor/>