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Course #:	ACCT 3050, Section 01	
Course title:	Accounting Information Systems	
Credit hours:	3 undergraduate semester hours	
Prerequisites:	CIS 2010, ACCT 2020, advanced standing	
Fees:	\$25 (Technology)	
Term:	Fall 2013	
Meeting time:	TR, 0900 to 1015	
Location:	Udvar Hazy 229	
Instructor:	Trevor Linderman	
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COURSE DESCRIPTION:

This course provides a venue for conceptualizing an enterprise as a collection of interacting processes, modeling those interacting processes as a single, integrated enterprise information system, and querying that integrated information systems to obtain traditional accounting views of that enterprise as well as any other view that facilitates that enterprise's enlightened management of customers, employees, and vendors. The pattern-based thinking that empowers our conceptualization and modeling is generalizable to a wide variety of enterprises in many different types of industries.

Although the integrated enterprise information systems developed in this course can be operationalized using any number of technology solutions, this particular course employs a relational database management software package called Microsoft Access. This is not a technology course; however you will apply theoretical concepts learned using computers and computer software packages (e.g., Visio, Access, and Excel) and will thereby learn to use the computer as a tool for developing business solutions.

COURSE OBJECTIVES:

This course will facilitate students' understanding of:

- the interactions of organizations with their external business partners, especially the flows of resources between the organizations and their partners
- transaction cycles in organizations, and the resource flows that connect the transaction cycles to form a value chain
- conceptual modeling constructs in general and the constructs of the Resources-Events-Agents Enterprise Ontology in particular
- procedures for converting conceptual models into logical relational models and then into physical relational databases using Microsoft Access
- information retrieval/querying a relational database, particularly Microsoft Access
- risks and controls associated with business processes and enterprise software systems

COURSE REQUIREMENTS AND POLICIES:

Enhancing the Likelihood of Successfully Completing this Course.

To enhance the likelihood of understanding information systems concepts and applications, (1) complete reading assignments prior to class, (2) come to each class on time and stay for the entire class, (3) participate in all classroom learning activities, and (4) complete all learning activities on time.

Developing Teaming, Critical Thinking Skills, and Oral Communication Skills.

- You will have several random and non-random opportunities to participate in class-related learning activities. Those participation opportunities will enhance your critical thinking and oral communication skills. I will evaluate your participation contributions on a daily basis and use the resulting rankings to compute your participation points. Your participation ranking depends upon how useful your contributions are to our classroom learning dynamics.
- Completing team-oriented learning activities will enhance your oral communication, teaming, and critical-thinking skills. To promote a wide range of team interaction, each new team-oriented learning activity must be completed with a new teammate with whom you have never completed a learning activity.

Developing Information-Systems-Oriented Technological Skills.

All learning-activity deliverables must be prepared using an electronic medium and printed therefrom. Please print two copies of any deliverable so that you can turn one in at the first of class for grading purposes and then use the other one as a referent as we discuss that deliverable's solution. In addition, each of you must have an electronic version of your deliverable on hand so that it can be projected for class discussion when you are randomly called upon to do so. You will also be afforded several opportunities to reinforce rudimentary Access skills as you create and access information systems that are conceptually more generalizable than the traditional accounting model.

Team-Oriented Learning Activities.

Cross-team collaboration on a given team-oriented deliverable is encouraged so long as there is a fair exchange of deliverable-related insights. One-sided exploitation, e.g., mindlessly copying someone else's work, is both unprofessional and unethical.

Exams.

Exams are normally an open-book, take-home, and a teams-of-two effort. Cross-team collaboration should be structured in the fashion discussed under the immediately preceding section.

Reasonable Accommodation Statement.

Students with medical, psychological, learning or other disabilities desiring reasonable academic adjustment, accommodations, or auxiliary aids to be successful in this class will need to contact the Disability Resource Center. Proper documentation of impairment is required in order to receive services or accommodations. DRC is located in the North Plaza Building. Visit or call 652-7516 to schedule appointment to discuss the process. DRC Coordinator determines eligibility for and authorizes the provision of services.

Academic Integrity.

Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. For purposes of this course, dishonesty is operationalized as "exploitation" as noted in the **Team-Oriented-Learning-Activities** section of this syllabus.

Professionalism.

- **Absenteeism.** I conceptualize our student-instructor relationship in much the same way that I conceptualize an employer-employee relationship. There is zero tolerance for unexcused absences in the work place and excused absences are typically granted for unusual and infrequent events. Missing my class without obtaining an excused absence from me is unprofessional and will result in a ten-percentage-point reduction of your final grade.
- **Timeliness.** Grading late work is very disorienting to me because I am typically unable to recapture the mindset that I used when I graded timely submissions. **For that reason, I will not accept late work unless I have agreed to do so in advance of the due date, typically in connection with a compelling life emergency.**
- **Electronic Devices.** If your interaction with an electronic device detracts from our learning environment, you have the choice of providing class participants with sufficient Harmon's pastries and libations to meet their caloric intake dreams or taking a ten-percent reduction in your final grade.
- **Orderliness.** All submitted assignments will be graded, at least in part, on accuracy, completeness, logic, difficulty, clarity, neatness, and organization

Changes to Syllabus.

Information contained in this syllabus, other than grading and course requirements and policies, may be subject to change with advance notice, as deemed appropriate by the instructor. You are responsible for changes to the syllabus or learning activities announced in class during your absence.

Dmail Notice.

Important class and college information will be sent to your Dmail email account. This information includes your DSC bill, financial aid/scholarship notices, notification of dropped classes, reminders of important dates and events, and other information critical to your success in this class and at DSC. All DSC students are automatically assigned a Dmail account. If you do not know your user name and password, go to www.dixie.edu and select "Dmail," for complete instructions. You will be held responsible for information sent to your Dmail, so please check it often.

REQUIRED LEARNING RESOURCES:

- Dunn, Cherrington, and Hollander. **Enterprise Information Systems: A Pattern-Based Approach**, Third Edition.
- **Access to a Windows PC compatible computing device is required this semester.**
- Visio Modeling Software (Technology-Fee Provided)*
- Access Software (Technology-Fee Provided)*
 - * Please take your laptops to the Holland-Commons helpdesk to get this software installed for the duration of the semester.
 - * This software must be uninstalled at the Holland-Commons helpdesk before I can release your final grade for this course.

GRADING:

- This is the approximate grading scale that maps your performance on assessment event (AE) activities to a letter grade:

92.5-100%	89.5-92.4%	86.5-89.4%	82.5-86.4%	79.5-82.4%	76.5-79.4%	72.5-76.4%	69.5-72.4%	66.5-69.4%	62.5-66.4%	59.5-62.4%	0-59.4%
A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F

This scale is approximate because it imperfectly reflects my analysis of cumulative assessment performances that end up close to the demarcation line between grade increments. In such cases, I review all assessment activities to see if they were completed and performed at a competent level. I typically give qualifying individuals the benefit of the doubt, awarding them the higher grade.

- These are the assessment activities, your completion of which accumulates points that are transformed into percentages that are summed and then mapped into grades using the previously noted grading scale:

	Learning Activities	Exams	Total
Estimated	30%	70%	100%

For policies regarding incomplete or withdrawal, please refer to the current university catalog.

TENTATIVE CLASS MEETING AND EXAMINATION SCHEDULE (TR, 0900 - 1015 (UH 229)):

Date	CP	Assessment Event (AE), Vacation, Topic	Pages	Activities	Description
Module 1: Conceptual Modeling					
T 08-20	1	<ul style="list-style-type: none"> Introduction (Syllabus, Pedagogical Style) An Introduction to Integrated Enterprise Information System C1-LA1 participation (AE) 	1-10	C1-LA1 [▼] C2/3-LA1 [★] C2/3-LA2 [★]	<ul style="list-style-type: none"> ▼Class activity, participation due ★Class activity, participation due ★Class activity, (team effort), participation due
	2	<ul style="list-style-type: none"> Representation and Patterns: An Introduction to the REA Enterprise Ontology 	19-32		
	3	<ul style="list-style-type: none"> The REA Enterprise Ontology: Value System and Value Chain Modeling C2/3-LA1 participation (AE) C2/3-LA2 deliverable (AE) 	35-48		
R 8-22	1	<ul style="list-style-type: none"> C1-LA2 quiz (AE) 		C1-LA2 [▼]	<ul style="list-style-type: none"> ▼5-minute quiz based on C1-LA1
	2/3	<ul style="list-style-type: none"> Visio Demo 		C2/3-LA3 [★]	<ul style="list-style-type: none"> ★Deliverable, take-home, due 8-27
	4	<ul style="list-style-type: none"> The REA Enterprise Ontology: Business Process Modeling C4-LA1 participation (AE) C4-LA2 participation (AE) 		C4-LA1 [★] C4-LA2 [★]	<ul style="list-style-type: none"> ★Class activity, participation due ★Class activity, participation due
T 8-27	2/3	<ul style="list-style-type: none"> C2/3-LA3 deliverable (AE) C2/3-LA4 quiz (AE) 	51-86	C2/3-LA3 [▼] C2/3-LA4 [★]	<ul style="list-style-type: none"> ▼Deliverable due today, will display and discuss recommended solutions ★10-minute quiz based on C2/3-LA1 & 2
	4	<ul style="list-style-type: none"> C4-LA3 participation (AE) 		C4-LA3 [★] C4-LA4 [★]	<ul style="list-style-type: none"> ★Class activity, (team effort), participation due ★Deliverable, take-home, due 9-03
R 8-29	8	<ul style="list-style-type: none"> The Sales / Collection Process C8-LA1 participation begins (AE) 	167-221	C8-LA1 [▼]	<ul style="list-style-type: none"> ▼Class activity, participation due
T 9-03	4	<ul style="list-style-type: none"> C4-LA4 deliverable (AE) C4-LA5 quiz (AE) 		C4-LA4 [▼] C4-LA5 [★]	<ul style="list-style-type: none"> ▼Deliverable due today, will display and discuss recommended solutions ★20-minute quiz based on C4-LA1 - 4
	8	<ul style="list-style-type: none"> C8-LA1 participation concludes (AE) 		C8-LA1 [★] C8-LA2 [★]	<ul style="list-style-type: none"> ★Class activity, participation due ★Deliverable, take-home, due 9-10
R 9-05	9	<ul style="list-style-type: none"> The Acquisition / Payment Process C9-LA1 participation begins (AE) 	222-277	C9-LA1 [▼]	<ul style="list-style-type: none"> ▼Class activity, participation due
T 9-10	8	<ul style="list-style-type: none"> C8-LA2 deliverable (AE) C8-LA3 quiz (AE) 		C8-LA2 [▼] C8-LA3 [★]	<ul style="list-style-type: none"> ▼Deliverable due today, will display and discuss recommended solutions ★20-minute quiz based on C8-LA1 & 2
	9	<ul style="list-style-type: none"> C9-LA1 participation concludes (AE) 		C9-LA1 [★] C9-LA2 [★]	<ul style="list-style-type: none"> ★Class activity, participation due ★Deliverable, take-home, due 9-17

Date	CP	Assessment Event (AE), Vacation, Topic	Pages	Activities	Description
R 9-12	12	<ul style="list-style-type: none"> The Human resource Business Process C12-LA1 participation begins (AE) 	350-372	C12-LA1 [▼]	<ul style="list-style-type: none"> Class activity, participation due
T 9-17	9 12	<ul style="list-style-type: none"> C9-LA2 deliverable (AE) C9-LA3 quiz (AE) C12-LA1 participation concludes (AE) 		C9-LA2 [▼] C9-LA3 [♣] C12-LA1 [♣] C12-LA2 [♣]	<ul style="list-style-type: none"> Deliverable due today, will display and discuss recommended solution 20-minute quiz based on C9-LA1 & 2 Class activity, participation due Deliverable, take-home, due 9-24
R 9-19	13	<ul style="list-style-type: none"> The Financing Business Process C13-LA1 participation begins (AE) 	373-393	C13-LA1 [▼]	<ul style="list-style-type: none"> Class activity, participation due
T 9-24		<ul style="list-style-type: none"> C12-LA2 Deliverable (AE) C12-LA3 Quiz (AE) C13-LA1 participation concludes (AE) 		C12-LA2 [▼] C12-LA3 [♣] C13-LA1 [♣] C13-LA2 [♣]	<ul style="list-style-type: none"> Deliverable due today, will display and discuss recommended solution 20-minute quiz based on C12-LA1 & 2 Class activity, participation due Deliverable, take-home, due 10-01
R 9-26	11	<ul style="list-style-type: none"> The Conversion Business Process C11-LA1 participation begins 	311-349	C11-LA1 [▼]	<ul style="list-style-type: none"> Class activity, participation due
T 10-01	13	<ul style="list-style-type: none"> C13-LA2 deliverable (AE) C13-LA3 quiz (AE) C11-LA1 participation concludes (AE) 		C13-LA2 [▼] C13-LA3 [♣] C11-LA1 [♣] C11-LA2 [♣]	<ul style="list-style-type: none"> Deliverable due today, will display and discuss recommended solution 20-minute quiz based on C13-LA1 & 2 Class activity, participation due Deliverable, take-home, due 10-15
R 10-03		<ul style="list-style-type: none"> View Integration and Implementation compromises C10-LA1 Participation (AE) 	278-310	C10-LA1 [▼] C10-LA2 [♣]	<ul style="list-style-type: none"> Deliverable due today, will display and discuss recommended solution Deliverable, take-home, due 10-15
Module 2: Logical Modeling					
T 10-08	6	<ul style="list-style-type: none"> Relational Database Design: Converting Conceptual REA Models to Relational Databases C6-LA1 sales collections (AE) begins 	90-128	C6-LA1 [▼]	<ul style="list-style-type: none"> Class activity, participation due
R 10-10		Fall Break			No Class
F 10-11		Fall Break			No Class
T 10-15	10	<ul style="list-style-type: none"> C10-LA2 deliverable (AE) C10-LA3 quiz (AE) C6-LA1 – sales collections (AE) concludes 		C10-LA2 [▼] C10-LA3 [♣] C6-LA1 [♣] C6-LA2 [♣]	<ul style="list-style-type: none"> Deliverable due today, will display and discuss recommended solution 20-minute quiz based on C10-LA1 & 2 Class activity, participation due Deliverable, take-home, due 10-17
R 10-17	6	<ul style="list-style-type: none"> C6-LA2 deliverable – acquisition payment (AE) C6-LA3 deliverable – labor (AE) 		C6-LA2 [▼] C6-LA4 [♣] C6-LA5 [♣]	<ul style="list-style-type: none"> Deliverable, class activity, due today Deliverable, class activity due today Deliverable, take-home, due 10-22
T 10-22	6	<ul style="list-style-type: none"> C6-LA4 deliverable – financing (AE) C6-LA5 deliverable – conversion (AE) 		C6-LA3 [▼] C6-LA4 [♣] C6-LA5 [♣]	<ul style="list-style-type: none"> Deliverable, class activity, due today Deliverable, class activity, due today Deliverable, take-home, due 10-24

R 10-24	6	<ul style="list-style-type: none"> C6-LA5 deliverable - conversion (AE) C6-LA6 quiz (AE) 		C6-LA5▼ C6-LA6▲	▼Deliverable due today, will display and discuss recommended solution ▲45-minute quiz based on C6-LA1-5
Module 3: Physical Modeling					
T 10-29	7	<ul style="list-style-type: none"> Information Retrieval from Relational Databases C7-LA1 – sales collections (AE) 	129-166	C7-LA1▼	▼Class activity, participation due
R 10-31		<ul style="list-style-type: none"> C7-LA2 - Quiz (AE) 		C7-LA2▼	▼75-minute quiz based on C7-LA1
(Work in Progress (Module 4: Querying Databases (Chapters 8-13)))					
T 11-05	8-13	<ul style="list-style-type: none"> Queries 		FXM-PI	Final Exam, Part I, due 04-02
R 11-07	8-13	<ul style="list-style-type: none"> Queries 			
T 11-12		<ul style="list-style-type: none"> Queries Final Exam, Part I, due 		FXM-PI FXM-PII	Final Exam, Part I, due today Final Exam, Part II, due 04-09
R 11-14	8-13	<ul style="list-style-type: none"> Queries 		FXM-PII FXM-PIII	Final Exam, Part III, due 04-16
T 11-19	8-13	<ul style="list-style-type: none"> Queries Final Exam, Part II, due 		FXM-PII FXM-PIII	Final Exam, Part II, due today Final Exam, part III, due 04-16
R 11-21	8-13	<ul style="list-style-type: none"> Queries 			
T 11-26	8-13	<ul style="list-style-type: none"> Queries Final Exam, Part III, due 		FXM-PIII FXM-PIV	Final Exam, Part III, due today Final Exam, Part IV, due 04-23
W		<ul style="list-style-type: none"> Thanksgiving Break 			No Class
R		<ul style="list-style-type: none"> Thanksgiving Break 			No Class
F		<ul style="list-style-type: none"> Thanksgiving Break 			No Class
T 12-03	8-13	<ul style="list-style-type: none"> Queries 			
R 12-05	8-13	<ul style="list-style-type: none"> Queries Final Exam, Part IV, due 		FXM-PIV FXM-PV	Final Exam, Part IV, due today Final Exam, Part V, due 04-30
F 12-06		<ul style="list-style-type: none"> Last Day of Classes 			
R 12-12		<ul style="list-style-type: none"> Final Exam (0800-1000), Part V, due 		FXM-PV	Final Exam, Part V, due today