

IS455A Strategic Applications of Information Technology

Fall 2011 SYLLABUS

MWF 13:00:03-13:49:57 Dewey 106

Prof M. E. Kabay, PhD, CISSP-ISSMP

Dewey 209 / Tel (802) 479-7937 / <mailto:mekabay@gmail.com> / Skype [mekabay](#)

Week	Day	Date	Lecture #	Quiz #	TOPICS	Readings in Applegate et	Student Teaching	Project Deadlines	
1	M	29-Aug	1		Introduction to the course				
	W	31-Aug	2		Overview of Research Project and Class Presentations	Kabay -- SQ3R			
	F	2-Sep	3		Introduction to the text; Case I-1 -- IBM's Decade of Transformation: Turnaround to Growth & Appendix	Preface + pp 1-38		topic for 500 wd>	
2	M	5-Sep	Labor Day -- no classes						
	W	7-Sep	4		Ch 1: Understanding Business Models (MK)	Pp 41-62			
	F	9-Sep	5	1	Ch 2: IT Impact on Business Models (MK)	Pp 63-80		submit 500 wd>	
3	M	12-Sep	6		Ch 3: IT Impact on Organizations (MK)	Pp 81-100			
	W	14-Sep	7		Ch 4: Making the Case for IT (MK)	Pp 101-128			
	F	16-Sep	8	2	Discussion of research papers			topic for essay 1>	
4	M	19-Sep	9		Preparing for Case Studies	Kabay: On Writing & CATA		>500 wd ret'd	
	W	21-Sep	10		Case 1-2 -- Amazon.com: The Brink of Bankruptcy	Pp 146-155	Emerson & Hulse		
	F	23-Sep	11	3	Case 1-3 -- Canyon Ranch	Pp 156-174		>mt memo questions	
5	M	26-Sep	12		Case 1-4 -- Boeing's e-Enabled Advantage	Pp 175-206	Fontana & Halpin		
	W	28-Sep	13		Case 1-5 -- Royal DSM N.V.: IT Enabling Business Transformation	Pp 207-231			
	F	30-Sep	14	4	Ch 5: Understanding IT Infrastructure (MK)	Pp 233-258			
6	M	3-Oct	15		Ch 6: Assuring Reliable & Secure IT Services (MK)	Pp 259-283		submit mt memos>	
	W	5-Oct	16		Ch 7: Managing IT Service Delivery (MK)	Pp 285-310			
	F	7-Oct	17	5	Reading 1-1 -- The Five Competitive Forces That Shape Strategy	Pp 128-145	Cummings & LeClerc		
7	M	10-Oct	18		Ch 8: Managing IT Project Delivery (MK)	Pp 311-321		topic for essay 2>	
	W	12-Oct	19		Case 2-1 -- CareGroup	Pp 322-338			
	F	14-Oct	20	6	Case 2-2 -- The Ipremier Company (A): Denial of Service Attack	Pp 339-347		submit essay 1>	
8	M	17-Oct	21		Case 2-3 -- Ford Motor Company: Supply Chain Strategy	Pp 348-355			
	W	19-Oct	22		Reading 2-4 -- The Power of Vertical Integration (Dell)	Pp 356-367	Griffin & Zemanek		
	F	21-Oct	MID-TERM BREAK						
9	M	24-Oct	23		Case 2-5 -- Strategic Outsourcing at Barti Airtel Ltd	Pp 368-384	Dailey & Renner	>essay 1 ret'd	
	W	26-Oct	24		Case 2-6 -- Cisco Systems: Implementing ERP	Pp 385-399			
	F	28-Oct	25	7	Ch 9: Governance of the IT Function (MK)	Pp 401-422			
10	M	31-Oct	26		Ch 10: Leadership of the IT Function (MK)	Pp 423-437			
	W	2-Nov	27		Reading 3-1 -- IT & the Board of Directors	Pp 438-448			
	F	4-Nov	28	8	Case 3-2 -- VW of America: Managing IT priorities	Pp 449-461			
11	M	7-Nov	29		Case 3-3 -- The AtekPC Project Management Office	Pp 462-474			
	W	9-Nov	30		Concluding Thoughts (MK) & Case C-1 -- The ITC eChoupal Initiative	Pp 477-493			
	F	11-Nov	31	9	Preparing for Project Presentations				
12	M	14-Nov	<i>Student Presentations:</i>						
	W	16-Nov	<i>See is455_presentation_schedule.pdf file in IS455 main page</i>						
	F	18-Nov							submit essay 2>
13	M	21-Nov	THANKSGIVING BREAK						
	W	23-Nov							
	F	25-Nov							
14	M	28-Nov							>essay 2 ret'd
	W	30-Nov							
	F	2-Dec							
15	M	5-Dec	<i>Student Presentations:</i>						
	W	7-Dec	<i>See is455_presentation_schedule.pdf file in IS455 main page</i>						
	F	9-Dec							>final exam questions
16	M	12-Dec							
	T	13-Dec							
		TBD	OPEN-BOOK TAKE-HOME FINAL EXAM (Entire course)						submit final exam>