Master of Science in Communication and Technology

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Course Name	Upon completion of this program, the student will be able to:	PLO1 - Analyze the impact of technology on globalization.	PLO2 - Create a distance activity strategy to maximize orgnizational performance.	PLO3 - Apply the systems approach to solve problems in a global context.	PLO4 - Evaluate the key dimensions of client service and global competitiveness for networked organizations.	PLO5 - Develop technology- based strategies to increase performance and global market outreach of organizations.
CT 501 Globalization and the New Technology						
1. Analyze the contents and uses of the Basic Manual, Guide for Certification and	X = See key below	RA and FE		RA and FE		
Standards of Distance Activity Coordination (DAC) as a global competency.	IRM	1		1		
2. Explain the basic dynamics of the New Economy and the concept of world-class performance and standards.	X = See key below IRM	RA and FE				
3. Explain the concept and basic characteristics of the new multi-national virtual	X = See key below	RQ and FE				
organization.	IRM	I				
4. Explain the four basic considerations in selecting new technologies for adoption	X = See key below	RA and FE				
into an organization.	IRM					
5. Explain the three main schools of strategic planning in relation to global markets.	X = See key below IRM	RQ and FE		RA and FE		
 Explain the concept of the new 24-hour society, and its economic, social, and 	X = See key below	RA and FE		1		
political impact in our increasingly interconnected world.	IRM					
CT 502 Distance Activity Management						
1. Explain the importance of generational studies in global system dynamics.	X = See key below	RA and FE	RA and FE			
	IRM	R	I			
2. Analyze the Baby Boomer (B-B) Generation, its characteristics, markets and	X = See key below	RA and FE	RA and FE			
impact.	IRM	R	1			
3. Analyze the concept of the "New Economy Organization" and its growing	X = See key below	RQ and FE		RQ and FE		
technologically-based productive environment.	IRM	R		R		
4. Explain the concept and practice of creating an achievable or feasible vision.	X = See key below	RA and FE	RA and FE			
	IRM	R	I			
5. Explain the relationship between effective visioning and organizational change.	X = See key below	RQ and FE		RQ and FE		
	IRM	R		R		
6. Examine the three basic driving forces for increased productivity in the New Economy.	X = See key below IRM		RA and FE R	RA and FE R		
CT 503 Training and Development of Distance Activity Professionals			ĸ	ĸ		
 Analyze the concept of the "E-Organization" and its increasing importance for 	X = See key below		RA and FE			
productivity.	IRM		R			
 Analyze the concept and explosive growth of E-learning and applications. 	X = See key below		RA and FE	RA and FE		
2. Analyze the concept and explosive growth or Eleanning and applications.	IRM		R	R		
 Explain the E-government model and its growing competitive importance. 	X = See key below	RQ and FE	RQ and FE			
	IRM	R	R			
4. Analyze the history, present and global growth of the Internet.	X = See key below IRM	RA and FE R	RA and FE R			
5. Examine the concept of intuition and its applicability to visioning and	X = See key below	IN	RQ and FE	RQ and FE		
organizational development.	IRM		R	R		

6. Explain the concept of optimal resource allocation for client service and	X = See key below	RA and FE	RA and FE			
optimal performance.	IRM	R	R			
CT 504 Planning and Development of Distance Activity Collaboration Networks						
1. Analyze the changing nature of work and how fundamental changes in	X = See key below	RA and FE			RA and FE	
demographics, technology and markets are altering the dynamics of the workforce and the workplace worldwide.	IRM	R			I	
2. Compare the three key trends in the world of work today, and the global	X = See key below		RA and FE	RQ and FE	RA and FE	
demographic dynamics involved.	IRM		R	R		
	X = See key below			RA and FE	RA and FE	
3. Explain the process of commercialization in the global market.	IRM			R	1	
4. Explain the technique of mind-mapping and the shape of the transformational	X = See key below	RQ and FE	RA and FE	RA and FE		
curve.	IRM	R	R	R		
5. Examine the five principles of value creation and extraction in the New	X = See key below	RQ and FE	RQ and FE	RQ and FE	RQ and FE	
Economy.	IRM	R	R	R	I	
CT 505 Strategic Vision						
1. Analyze the concept and process of strategic visioning at an individual and	X = See key below				RA and FE	RA and FE
organizational level.	IRM				R	
2. Analyze the concept of value-driven leadership and its increasing importance	X = See key below	RA and FE		RA and FE	RA and FE	
worldwide	IRM	R		R	R	
3. Explain the difference between strategic visioning and strategic planning.	X = See key below			RQ and FE	RQ and FE	RQ and FE
A Fundational and a state of the second state	IRM	-		R	R	
 Explain the conceptual and practical differences between vision, mission and plan. 	X = See key below IRM			FE and RA R	FE and RA R	FE and RA
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5. Explain the key role of technology in the intelligent organization and importance of mobile or portable technology applications.	X = See key below			FE and RQ R	FE and RQ R	
6. Explain the concept of organizational culture and its importance in the New	X = See key below	RA and FE			RA and FE	RA and FE
Economy.	IRM	R			R	
CT 506 Telecommunications and the Global Electronic						
Highway I						
1. Analyze the multimodal, multi-technological and multimedia nature and	X = See key below	RA and FE	RQ and FE	RA and FE		
characteristics of the global electronic village.	IRM	R	R	R		
2. Explain the approach most likely to be successful for an organization	X = See key below	RA and FE		RA and FE	_	RA and FE
implementing a new technology.	IRM	R		R		R
3. Examine the key roles of senior leadership in a high technology environment.	X = See key below			RQ and FE		RQ and FE
or examine the key roles of senior readership in a high technology environment.	IRM			R		R
4. Assess the four steps required to properly implement adequate	X = See key below	RA and FE		RA and FE		RA and FE
telecommunications and multimedia technology solutions in an organization.	IRM	R		R		R
	X = See key below	RQ and FE		RQ and FE		RQ and FE
5. Interpret the principles, scope and fundamentals of distance activity.	IRM	R		R		R
CT 507 Telecommunications and the Global Electronic Highway II						
1. Analyze the sequence of the technological evolution of the Internet to the	X = See key below	RA and FE		RA and FE		
present.	IRM	R		R		
2. Analyze the modern concept and practice of global distance education and	X = See key below	RA and FE			RA and FE	1
training.	IRM	R			R	
3. Compare the basic elements of the emerging global superhighway and the concept of the networked organization.	X = See key below			RQ and FE	RQ and FE	
	IRM			R	R	
 Explain the concept of convergence of new technology and media. 	X = See key below IRM			RA and FE R	RA and FE R	

	V - Cee key helew	RQ and FE			RQ and FE	
5. Explain the strategic and practical importance of the sequential use of	X = See key below					
technologies to optimize work in human networks.	IRM	R			R	
6. Explain the sequence of technological evolution of the Internet to the present.	X = See key below	RA and FE			RA and FE	
	IRM	R			R	
7. Analyze the concept of "Free Market Fusion" and its growing importance.	X = See key below			RA and FE	RA and FE	
	IRM			R	R	
CT 508 Risk Management and Conflict Resolution						
	X = See key below	RA and FE		RA and FE		
L. Explain the concept and process of mediation.	IRM	R		R		
2. Explain the stages to build cultural synergy in an international negotiation.	X = See key below	RA and FE			RA and FE	
	IRM	R			R	
3. Assess when it is appropriate to use collaboration over competition in a free-	X = See key below			RQ and FE		
narket business context.	IRM			R		
I. Analyze the concept of business continuity and change management.	X = See key below			RA and FE	RA and FE	
	IRM	DO and EF		R	R	
5. Explain the five basic categories of risk exposures in a productive environment.	X = See key below	RQ and FE R			RQ and FE R	
TEOD Knowledge Management and Intellectual Dreporty		ĸ			ĸ	
CT 509 Knowledge Management and Intellectual Property						
1. Explain the concept and value of international and global certifications.	X = See key below	RA and FE			RA and FE	
	IRM	R			R	
2. Develop the Four Phase Matrix of Team Rhythm.	X = See key below				RA and FE	
Contraction to the second sec second second sec	IRM				R	DO and SS
 Evaluate the concept of knowledge protection and management, and its strategic importance. 	X = See key below IRM				RQ and FE R	RQ and FE R
	X = See key below			RA and FE	ĸ	К
4. Explain the three main types of patents.	IRM			R		
	X = See key below			ĸ	RQ and FE	RQ and FE
5. Explain the ETK concept and conceptual framework.	IRM				R	R
5. Distinguish the concept of organizational synchronization and its relationship	X = See key below	RA and FE			RA and FE	
to global competitiveness.	IRM	R			R	
CT 510 Human and Emotional Competence for Networked						
Organizations			r			
1. Analyze the principles of creative and future thinking, and the role that they	X = See key below		RA and FE		RA and FE	
play in human and organizational behavior.	IRM		R		R	
2. Explain the role of intuition in creative thinking.	X = See key below				RA and FE	
	IRM				R	
B. Explain the conceptual difference between information, knowledge and	X = See key below			RQ and FE	RQ and FE	
visdom.	IRM			R	R	
 Explain the concept of human and emotional competence and its crucial 	X = See key below			RA and FE	RA and FE	
mportance within our globalized environment.	IRM		RQ and FE	R	R RA and FE	
5. Examine the concept of "learning not to forget".	X = See key below IRM		RQ and FE		RA and FE	
	X = See key below		RA and FE	RA and FE	RA and FE	
5. Analyze the essential characteristics of a successful virtual team member.	IRM		R	R	R	
CT 511 Quality and Productivity						
	X = See key below	RA and FE				RA and FE
 Analyze the concept of a holonic organization. 	IRM	R				R
	X = See key below	RA and FE		RA and FE		RA and FE
2. Explain the twelve steps to achieve organizational synchronization.	IRM	R		R		R
2. Evolution why opposite the participation is a special management strategy		N		RQ and FE	BO and EE	N
3. Explain why organizational synchronization is a crucial managerial strategy	X = See key below		l	KQ and FE	RQ and FE	

today and in the future.	IRM			R	R	
 Analyze the strategic benefits of a multi-generational workforce. 	X = See key below	RA and FE			RA and FE	
4. Analyze the strategic benefits of a multi-generational workforce.	IRM	R			R	
5. Examine Generation Y and its attitudes towards technology and globalization.	X = See key below	RQ and FE			RQ and FE	
3. Examine Generation Fand its attitudes towards technology and globalization.	IRM	R			R	
CT 512 Client Service and Global Competitiveness						
 Analyze Lester Thurow's description of the global economy as being competitive- cooperative. 		RA and FE		RA and FE	RA and FE	
cooperative.	IRM	R		R	R	
2. Explain the three basic transformations of organizations in the New Economy.	X = See key below	RA and FE		RA and FE		RA and FE
	IRM	R		R		R
3. Examine the concept of ETK and its relation to performance and quality.	X = See key below	RQ and FE		RQ and FE	RQ and FE	
s. Examine the concept of Envaluents relation to performance and quality.	IRM	R		R	R	
4. Explain the four drivers of the New Economy that must be recognized by	X = See key below			RQ and FE	RA and FE	
managers to achieve excellence.	IRM			R	R	
5. Analyze the five principles of Total Quality.	X = See key below	RQ and FE		RQ and FE	RQ and FE	RA and FE
	IRM	R		R	R	R
6. Explain the three basic challenges to total quality success.	X = See key below	RA and FE		RA and FE	RA and FE	
	IRM	R		R	R	
7. Explain the technique of "Circles of 10" and its application to organizational	X = See key below	RA and FE		RA and FE	RA and FE	RA and FE
synchronization.	IRM	R		R	R	R
CT 513 Directed Research I			-			_
 Explain distance activity coordination using the Basic Manual, Guide for Certification and Standards Manual for Distance Activity. 	X = See key below	RA and FE	RA and FE		RA and FE	RA and FE
Certification and Standards Manual for Distance Activity.	IRM	R	R		R	R
	X = See key below	RQ, P, and FE	RQ, P, and FE		RQ, P, and FE	
2. Implement a project that requires the use of DAC competencies.	IRM	R	R		R	
3. Propose a directed research study that relates to a central theme of the MSCT	X = See key below	RQ and FE	RQ, P, and FE	RQ and FE		RA and FE
program.	IRM	R	R	R		R
CT 514 Directed Research II						
	X = See key below	RQ, P, and FE				
1. Evaluate the necessary elements for effective communication using technology.	IRM	R	R	R	R	R
2. Implement the directed research proposal approved in course CT 513.	X = See key below	RQ, P, and FE				
2. Implement the unected research proposal approved in course CT 515.	IRM	R	R	R	R	R
2. Formulate the annulate of the directed appearable appeared in source CTF12	X = See key below	RQ, P, and FE				
3. Formulate the results of the directed research proposed in course CT 513.	IRM	R	R	R	R	R
CT 515 Directed Research III						·
1. Elaborate on the knowledge and skills needed to realize communication using	X = See key below	FE, P, RQ and RA				
information technology.	IRM	М	м	м	м	м
2. Evaluate the directed research proposal results implemented in course CT 514.	X = See key below	FE, P, RQ and RA				
	IRM	М	М	М	М	М
	X = See key below	FE, P, RQ and RA				
Compare the directed research results to the competencies presented in the program.	IRM	M	М	м	м	м

X = The assessment which measures the stated program objective/outcome.

KEY	
Projects	Р
Researched and Critiqued Articles	RA
Review / Discussion Question Responses	RQ
Case Studies	CS
Web Exercises	WE
Final Exam with Essay Questions	FE
Introduced, Reinforced, Mastered	IRM