Master of Science in Communication and Technology

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 Standards of Distance Activity Coordination (DAC) as a global competency.	X = See key below	RA and FE		RA and FE		
	IRM	I		I		
2. Explain the basic dynamics of the New Economy and the concept of world-class performance and standards.	X = See key below	RA and FE				
	IRM	I				
3. Explain the concept and basic characteristics of the new multi-national virtual organization.	X = See key below	RQ and FE				
	IRM	I				
4. Explain the four basic considerations in selecting new technologies for adoption into an organization.	X = See key below	RA and FE				
	IRM	I				
5. Explain the three main schools of strategic planning in relation to global markets.	X = See key below	RQ and FE		RA and FE		
	IRM	I		I		
6. Explain the concept of the new 24-hour society, and its economic, social, and political impact in our increasingly interconnected world.	X = See key below	RA and FE				
	IRM	I				
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 impact.	X = See key below	RA and FE	RA and FE			
	IRM	R	I			
3. Analyze the concept of the "New Economy Organization" and its growing technologically-based productive environment.	X = See key below	RQ and FE		RQ and FE		
	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		RA and FE	RA and FE		
	IRM		R	R		
CT 503 Training and Development of Distance Activity Professionals						
1. Analyze the concept of the "E-Organization" and its increasing importance for productivity.	X = See key below		RA and FE			
	IRM		R			
2. Analyze the concept and explosive growth of E-learning and applications.	X = See key below		RA and FE	RA and FE		
	IRM		R	R		
3. 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	RA and FE	RA and FE			
	IRM	R	R			
5. Examine the concept of intuition and its applicability to visioning and organizational development.	X = See key below		RQ and FE	RQ and FE		
	IRM		R	R		

6. Explain the concept of optimal resource allocation for client service and optimal performance.	X = See key below	RA and FE	RA and FE			
	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 demographics, technology and markets are altering the dynamics of the workforce and the workplace worldwide.	X = See key below	RA and FE			RA and FE	
	IRM	R			I	
2. Compare the three key trends in the world of work today, and the global demographic dynamics involved.	X = See key below		RA and FE	RQ and FE	RA and FE	
	IRM		R	R	I	
3. Explain the process of commercialization in the global market.	X = See key below			RA and FE	RA and FE	
	IRM			R	I	
4. Explain the technique of mind-mapping and the shape of the transformational curve.	X = See key below	RQ and FE	RA and FE	RA and FE		
	IRM	R	R	R		
5. Examine the five principles of value creation and extraction in the New Economy.	X = See key below	RQ and FE	RQ and FE	RQ and FE	RQ and FE	
	IRM	R	R	R	I	
CT 505 Strategic Vision						
1. Analyze the concept and process of strategic visioning at an individual and organizational level.	X = See key below				RA and FE	RA and FE
	IRM				R	I
2. Analyze the concept of value-driven leadership and its increasing importance worldwide	X = See key below	RA and FE		RA and FE	RA and FE	
	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
	IRM			R	R	I
4. Explain the conceptual and practical differences between vision, mission and plan.	X = See key below			FE and RA	FE and RA	FE and RA
	IRM			R	R	I
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	FE and RQ	
	IRM			R	R	
6. Explain the concept of organizational culture and its importance in the New Economy.	X = See key below	RA and FE			RA and FE	RA and FE
	IRM	R			R	I
CT 506 Telecommunications and the Global Electronic Highway I						
1. Analyze the multimodal, multi-technological and multimedia nature and characteristics of the global electronic village.	X = See key below	RA and FE	RQ and FE	RA and FE		
	IRM	R	R	R		
2. Explain the approach most likely to be successful for an organization implementing a new technology.	X = See key below	RA and FE		RA and FE		RA and FE
	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
	IRM			R		R
4. Assess the four steps required to properly implement adequate telecommunications and multimedia technology solutions in an organization.	X = See key below	RA and FE		RA and FE		RA and FE
	IRM	R		R		R
5. Interpret the principles, scope and fundamentals of distance activity.	X = See key below	RQ and FE		RQ and FE		RQ and FE
	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 present.	X = See key below	RA and FE		RA and FE		
	IRM	R		R		
2. Analyze the modern concept and practice of global distance education and training.	X = See key below	RA and FE			RA and FE	
	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	
4. Explain the concept of convergence of new technology and media.	X = See key below			RA and FE	RA and FE	
	IRM			R	R	

5. Explain the strategic and practical importance of the sequential use of technologies to optimize work in human networks.	X = See key below	RQ and FE			RQ and FE	
	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						
1. Explain the concept and process of mediation.	X = See key below	RA and FE		RA and FE		
	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-market business context.	X = See key below			RQ and FE		
	IRM			R		
4. Analyze the concept of business continuity and change management.	X = See key below			RA and FE	RA and FE	
	IRM			R	R	
5. Explain the five basic categories of risk exposures in a productive environment.	X = See key below	RQ and FE			RQ and FE	
	IRM	R			R	
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	
	IRM				R	
3. Evaluate the concept of knowledge protection and management, and its strategic importance.	X = See key below				RQ and FE	RQ and FE
	IRM				R	R
4. Explain the three main types of patents.	X = See key below			RA and FE		
	IRM			R		
5. Explain the ETK concept and conceptual framework.	X = See key below				RQ and FE	RQ and FE
	IRM				R	R
6. Distinguish the concept of organizational synchronization and its relationship to global competitiveness.	X = See key below	RA and FE			RA and FE	
	IRM	R			R	
CT 510 Human and Emotional Competence for Networked Organizations						
1. Analyze the principles of creative and future thinking, and the role that they play in human and organizational behavior.	X = See key below		RA and FE		RA and FE	
	IRM		R		R	
2. Explain the role of intuition in creative thinking.	X = See key below				RA and FE	
	IRM				R	
3. Explain the conceptual difference between information, knowledge and wisdom.	X = See key below			RQ and FE	RQ and FE	
	IRM			R	R	
4. Explain the concept of human and emotional competence and its crucial importance within our globalized environment.	X = See key below			RA and FE	RA and FE	
	IRM			R	R	
5. Examine the concept of "learning not to forget".	X = See key below		RQ and FE		RA and FE	
	IRM		R		R	
6. Analyze the essential characteristics of a successful virtual team member.	X = See key below		RA and FE	RA and FE	RA and FE	
	IRM		R	R	R	
CT 511 Quality and Productivity						
1. Analyze the concept of a holonic organization.	X = See key below	RA and FE				RA and FE
	IRM	R				R
2. Explain the twelve steps to achieve organizational synchronization.	X = See key below	RA and FE		RA and FE		RA and FE
	IRM	R		R		R
3. Explain why organizational synchronization is a crucial managerial strategy	X = See key below			RQ and FE	RQ and FE	

today and in the future.	IRM			R	R	
4. Analyze the strategic benefits of a multi-generational workforce.	X = See key below	RA and FE			RA and FE	
	IRM	R			R	
5. Examine Generation Y and its attitudes towards technology and globalization.	X = See key below	RQ and FE			RQ and FE	
	IRM	R			R	
CT 512 Client Service and Global Competitiveness						
1. Analyze Lester Thurow's description of the global economy as being competitive-cooperative.	X = See key below	RA and FE		RA and FE	RA and FE	
	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	
	IRM	R		R	R	
4. Explain the four drivers of the New Economy that must be recognized by managers to achieve excellence.	X = See key below			RQ and FE	RA and FE	
	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 synchronization.	X = See key below	RA and FE		RA and FE	RA and FE	RA and FE
	IRM	R		R	R	R
CT 513 Directed Research I						
1. 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
	IRM	R	R		R	R
2. Implement a project that requires the use of DAC competencies.	X = See key below	RQ, P, and FE	RQ, P, and FE		RQ, P, and FE	
	IRM	R	R		R	
3. Propose a directed research study that relates to a central theme of the MSCT program.	X = See key below	RQ and FE	RQ, P, and FE	RQ and FE		RA and FE
	IRM	R	R	R		R
CT 514 Directed Research II						
1. Evaluate the necessary elements for effective communication using technology.	X = See key below	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE
	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	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE
	IRM	R	R	R	R	R
3. Formulate the results of the directed research proposed in course CT 513.	X = See key below	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE	RQ, P, and FE
	IRM	R	R	R	R	R
CT 515 Directed Research III						
1. Elaborate on the knowledge and skills needed to realize communication using information technology.	X = See key below	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA
	IRM	M	M	M	M	M
2. Evaluate the directed research proposal results implemented in course CT 514.	X = See key below	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA
	IRM	M	M	M	M	M
3. Compare the directed research results to the competencies presented in the program.	X = See key below	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA	FE, P, RQ and RA
	IRM	M	M	M	M	M

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

KEY	
Projects	P
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