

Master of Science in Engineering and Technology Management					
Engineering Management Concentration			Management of Technology Concentration		
Core Courses		24	Core Courses		6
EMGT 507	Engineering Administration		EMGT 518	Project Management	
EMGT 509	Economics and Decision Making		INEN 514	Statistical Analysis for Six Sigma	
EMGT 518	Project Management				
EMGT 525	Engineering Finance		Quantitative Analysis and Management (Pick 3 Courses)		9
INEN 502	Operations Research Methods		EMGT 507	Engineering Administration	
INEN 505	Manufacturing and Operations Analysis		EMGT 509	Economics and Decision Making	
INEN 511	Theory and Application of Lean Manufacturing and Management		EMGT 525	Engineering Finance	
INEN 514	Statistical Analysis for Six Sigma		INEN 502	Operations Research Methods	
			INEN 504	Simulation	
Electives (Pick 3 Courses)		9	INEN 505	Manufacturing and Operations Analysis	
BUSN 501	Global Perspectives in Business Management		INEN 520	Six Sigma Black Belt Project	
CIS 510	Information Resource Management		INEN 566	Six Sigma and Quality Control	
CIS 521	Introduction to Information System Assurance		MGMT 537	Human Resource Management	
ENTR 501	Technology Transfer and Commercialization		MGMT 571	Organizational Behavior	
ENTR 510	Entrepreneurship and New Venture Creation		PSYC 513	Organizational Psychology	
ENTR 560	Innovative Venture Research		PSYC 516	Industrial Psychology	
INEN 504	Simulation		STAT 507	Design and Analysis of Experiments	
INEN 512	Reliability Engineering				
INEN 515	Logistics Planning		Science, Engineering, and Entrepreneurship (Pick 3 Courses)		9
INEN 520	Six Sigma Black Belt Project		ELEN 535	Advanced Topics in Microelectronics	
INEN 566	Six Sigma and Quality Control		ELEN 581	Semiconductor Technology Management	
MGMT 537	Human Resource Management		ELEN 582	Micro/Nanotechnology Management	
MGMT 571	Organizational Behavior		ENGR 554	Modern Energy Grand Challenges	
MKTG 530	Marketing Management		ENTR 501	Technology Transfer and Commercialization	
PSYC 513	Organizational Psychology		ENTR 510	Entrepreneurship and New Venture Creation	
PSYC 516	Industrial Psychology		ENTR 560	Innovative Venture Research	
PSYC 523	Leadership Decision Making		MSE 501	Fundamentals of Microfabrication Processes	
STAT 507	Design and Analysis of Experiments		MSE 502	Microsystems Principles	
	Other electives approved by advisor		MSE 505	Nanotechnology Principles	
			MSNT 521	Principles of Cell and Molecular Biology	
				Other technical electives approved by advisor	
			Elective (Pick 3 Courses)		9
			ACCT 505	Accounting Analysis and Decision Making	
			BUSN 501	Global Perspectives in Business Management	
			CIS 510	Information Resource Management	
			CIS 521	Introduction to Information System Assurance	
			FINC 515	Financial Management	
			INEN 511	Theory and Application of Lean Manufacturing and Management	
			INEN 512	Reliability Engineering	
			INEN 515	Logistics Planning	
			MKTG 530	Marketing Management	
			PSYC 523	Leadership Decision Making	
				Other electives approved by advisor	
	Total	33		Total	33

Master of Science in Engineering and Technology Management					
Construction Concentration			Data Science Concentration		
Core Courses			6 Core Courses		6
EMGT 518	Project Management		EMGT 518	Project Management	
INEN 514	Statistical Analysis for Six Sigma		INEN 514	Statistical Analysis for Six Sigma	
Quantitative Analysis and Management (Pick 4 Courses)		12	Quantitative Analysis and Management (Pick 4 Courses)		12
EMGT 507	Engineering Administration		EMGT 507	Engineering Administration	
EMGT 509	Economics and Decision Making		EMGT 509	Economics and Decision Making	
EMGT 525	Engineering Finance		EMGT 525	Engineering Finance	
INEN 502	Operations Research Methods		INEN 502	Operations Research Methods	
INEN 504	Simulation		INEN 504	Simulation	
INEN 505	Manufacturing and Operations Analysis		INEN 505	Manufacturing and Operations Analysis	
INEN 520	Six Sigma Black Belt Project		INEN 520	Six Sigma Black Belt Project	
INEN 566	Six Sigma and Quality Control		INEN 566	Six Sigma and Quality Control	
MGMT 537	Human Resource Management		MGMT 537	Human Resource Management	
MGMT 571	Organizational Behavior		MGMT 571	Organizational Behavior	
PSYC 513	Organizational Psychology		PSYC 513	Organizational Psychology	
PSYC 516	Industrial Psychology		PSYC 516	Industrial Psychology	
STAT 507	Design and Analysis of Experiments		STAT 507	Design and Analysis of Experiments	
Construction and Civil (Pick 3 Courses)		9	Data Science (Pick 3 Courses)		9
CVEN 502	Infrastructure Management		CSC 530	Database Theory	
CVEN 503	Urban Hydrosystems Engineering		STAT 509	Statistical Learning	
CVEN 505	Buried Structures - Rehab and Management		Select one of the following two courses		
CVEN 506	Above Ground Structures: Assessment and Rehabilitation		CSC 576	Data Analytics Tools and Applications	
CVEN 542	Sustainable Construction		INEN 521	Introduction to Cognitive Systems Engineering	
CVEN 580	Trenchless Technology			Other technical electives approved by advisor	
MEMT 508	Finite Element Analysis		Elective (Pick 2 Courses)		
	Other technical electives approved by advisor		ACCT 505	Accounting Analysis and Decision Making	
			BUSN 501	Global Perspectives in Business Management	
Elective (Pick 2 Courses)		6	CIS 510	Information Resource Management	
ACCT 505	Accounting Analysis and Decision Making		CIS 521	Introduction to Information System Assurance	
BUSN 501	Global Perspectives in Business Management		FINC 515	Financial Management	
CIS 510	Information Resource Management		INEN 511	Theory and Application of Lean Manufacturing and Management	
CIS 521	Introduction to Information System Assurance		INEN 512	Reliability Engineering	
FINC 515	Financial Management		INEN 515	Logistics Planning	
INEN 511	Theory and Application of Lean Manufacturing and Management		MKTG 530	Marketing Management	
INEN 512	Reliability Engineering		PSYC 523	Leadership Decision Making	
INEN 515	Logistics Planning			Other electives approved by advisor	
MKTG 530	Marketing Management				
PSYC 523	Leadership Decision Making				
	Other electives approved by advisor				
	Total	33	Total		33
Contact:	Dr. Beth Hegab 318-257-3107 bhegab@latech.edu				
Date:	March 29, 2021				