

Name: _____

Degree Courses	Completed	Future	Sem/Year
Core Courses (All Required)			
ETLS 507 Introduction to Systems Engineering			
ETLS 508 Systems Design			
ETLS 509 Verification and Validation			
ETLS 550 Leveraging Leadership for a Lifetime I (One Credit)			
ETLS 650 Leveraging Leadership for a Lifetime II (One Credit)			
ETLS 850 Leveraging Leadership for a Lifetime III (One Credit)			
ETLS 808 Capstone Course			
Simulation Course (1 Course Required)			
ETLS 777 Finite Element Analysis			
ETLS 785 Simulation of Logistics and Industrial Systems			
Human Aspects Course (1 Course Required)			
ETLS 601 Program/Project/Team Management			
ETLS 670 Masterful Leaders and Leadership			
ETLS 671 Human Aspects of Technical Management			
ETLS 855 Implementing Innovation			
Financial Aspects Course (1 Course Required)			
ETLS 505 Managerial Accounting and Performance Management			
ETLS 661 Engineering Economic Analysis and Product Costing			
Technical Electives (2 Courses Required)			
ETLS 501 Production Operating Systems			
ETLS 506 Statistical Methods for Manufacturing Quality			
ETLS 672 Excellence in Design			
ETLS 701 Design of Experiments			
ETLS 771 Materials Engineering			
ETLS 778 Process Design and Improvement – Computer Based Tools			
Project Options (Choose 1 Option - 6 Credits)			
ETLS 881 Individual Engineering Project/Written Paper and Presentation			
ETLS 883 Group Engineering Project/Written Paper and Presentation			
Elective Course Option – choose two additional courses to meet individual professional Objectives. Advisor pre-approval is required.			

Advisor: _____ Date _____