Student Name: _____

ID: _____

Industrial Applications Certificate

Effective Spring 2021

Core Course (3 credit hours) - Students should complete the core courses as soon as possible

Course	Prerequisites	Typically Taught	Semester Planned	Semester Completed	Grade Received
IE 5317 – Introduction to Statistics		Fall, Spring			

Application Courses (9 credit hours) – Students must take at least 3 classes from this section

Course	Prerequisites	Typically Taught	Semester Planned	Semester Completed	Grade Received
IE 5303 – Quality Systems	IE 5317	Fall			
IE 5321 – Enterprise Analysis and Design		Fall			
IE 5322 – Simulation and Optimization	IE 5317	Spring			
IE 5329 – Production and Inventory Control		Fall			
IE 5330 – Automation and Advanced Manufacturing		Fall			
IE 5338 – Human Engineering		Spring			
IE 5342 – Metrics and Measurement	IE 5317	Spring			
IE 6302 – Facilities Planning and Design	IE 5317; IE 5301 concurrent; IE 5329 concurrent	Fall			

Electives (3 credit hours) – Students must complete 1 additional graduate course from the College of Engineering, the College of Science, or approved courses from the College of Business.

Elective Course	Semester Planned	Semester Completed	Grade Received

Certificate Completion

☐ Prior to intended semester of completion, verify with your Graduate Advisor that coursework requirements have been met.

☐ Prior to deadline, complete a Request for Certificate and submit it to your Advisor for approval.

☐ Student must maintain a program GPA and an overall UTA GPA of 3.0 in order to meet certificate requirements.

☐ Student must successfully complete 15 credit hours (5 courses) with a grade of C or better in each course of this Certificate.

Advisor Notes