

TEXAS A&M ENGINEERING

Safety Engineering Certificate

Worksheet

Student Name: _____

UIN: _____

Email: _____

Date: _____

A student must complete a minimum of **12** semester credit hours selected from the list below:

Required Courses

Semester
Taken

Grade
Received

SENG/CHEN 655 (3) – Process Safety Engineering

SENG/CHEN 660 (3) – Quantitative Risk Analysis

Approved Additional Courses

CHEN 661 – Optimization in Chemical Engineering

CHEN 689 – Special Topics Courses

CVEN 609 – Environmental Control of Oil and Hazardous Materials

CVEN 610 – Environmental Risk Assessment

CVEN 655 – Structural Reliability

CVEN 686 - Offshore & Coastal structures

ISEN 612 – Design by Reliability

ISEN 627 – Engineering Analysis for Decision Making

ISEN 630 – Human Operator in Complex Systems

MEEN 652 – Multiple Control System Design

NUEN 612 – Radio Safety & Hazards

NUEN 689 - Fuel Cycle & Safeguard

NUEN 689 – Criticality Safety

SENG 670 – Industrial Safety Engineering

SENG 674 – System Safety Engineering

SENG 677 – Fire Protection Engineering

SENG 685 – Directed Studies

STAT 601 – Statistical Analysis

STAT 651 – Statistics in Research I

Note: This form will be verified by the Mary Kay O'Connor Process Safety Center and approval given upon verification of requirements by the Program Coordinator to earn the certificate.

For the Mary Kay O'Connor Process Safety Center:

Verified by: _____

Date: _____