

TEXAS A&M ENGINEERING

Safety Engineering Certificate Worksheet

Student Name: _____ Date: _____ UIN: _____

Email: _____

A student must complete a minimum of **15 semester credit hours** selected from the list below:

Required Course (9 Hours)

Required Course (9 Hours)	Semester Taken	Grade Received
SENG 310 – Industrial Hygiene Engineering (<i>Fall only</i>)	_____	_____
SENG 312 – System Safety Engineering (<i>Spring only</i>)	_____	_____
~OR~		
SENG 321 – Industrial Safety Engineering (<i>Fall only</i>)	_____	_____
SENG/CHEN 430 – Engineering Risk Analysis (<i>Fall only</i>)	_____	_____
~OR~		
SENG/CHEN 460/660 – Quantitative Risk Analysis (<i>Spring only</i>)	_____	_____

Approved Additional Courses (6 Hours)

SENG/NUEN 309 – Radiological Safety	_____	_____
SENG 312 – System Safety Engineering	_____	_____
SENG 313 – Product Safety Engineering	_____	_____
SENG 321 – Industrial Safety Engineering	_____	_____
SENG 422 – Fire Protection Engineering	_____	_____
SENG 424 – System Safety Analysis and Design	_____	_____
SENG/CHEN 430 – Engineering Risk Analysis	_____	_____
SENG 439 – Ergonomics Design	_____	_____
SENG/CHEN 455 – Process Safety Engineering	_____	_____
SENG/BAEN/MEEN 477 – Air Pollution Engineering	_____	_____
SENG/CHEN 460/660 – Quantitative Risk Analysis	_____	_____
SENG 485 – Directed Studies	_____	_____

Any pre-approved capstone design course that includes a safety component (fill in course number below)

_____ Engineering capstone design course _____

Note: Form will be verified by the Mary Kay O'Connor Process Safety Center and approval given upon verification to earn the certificate.

For the Mary Kay O'Connor Process Safety Center:

Verified by: _____ Date: _____