

# TEXAS A&M ENGINEERING

## Safety Engineering Certificate

### Worksheet

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Student Name: \_\_\_\_\_ Date: \_\_\_\_\_ UIN: \_\_\_\_\_

Email: \_\_\_\_\_ Catalog #: \_\_\_\_\_

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: \_\_\_\_\_