**Certificate on Standards for Material Testing, Characterization and Applications**

Application Form

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| **Name:**  | **K#:** |
| **Major:** | **Expected Graduation Date:** |
| **Email:**  |

Requirements to earn the Certificate:

1. Attend 6 seminars, offered through the certificate program, on standards and standardization methods for material testing and characterization, and their appropriate usage in standard engineering design.

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| * 1. **Seminar 1 - Date Attended:**
 | * 1. **Seminar 2 - Date Attended:**
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| * 1. **Seminar 3 - Date Attended:**
 | * 1. **Seminar 4 - Date Attended:**
 |
| * 1. **Seminar 5 - Date Attended:**
 | * 1. **Seminar 6 - Date Attended:**
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1. Complete 12 credits from the following list of courses with a grade of “B” or better in each (GEEN 1201 - Engineering as a Career; MEEN 3145 - Material Science Laboratory; MEEN 3344 - Materials Science; MEEN 3349 - Fundamentals of Manufacturing Processes; MEEN 4263 and 4264 - Senior Design Project; MEEN 4382 - Polymer Science & Engineering; MEEN 4385 - Manufacturing of Composites; CEEN 3145 - Construction Materials Lab; CEEN 3244 - Construction Materials; CEEN/AEEN 3303 - Structural Analysis; CEEN/AEEN 3304 - Reinforced Concrete Design; CEEN 3311 - Strength of Materials; CEEN/AEEN 4279 and 4289 – Senior Design Project; CEEN/AEEN 4316 - Structural Steel Design).

**Enter grade and semester for courses taken from the above listing:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course** | **Semester** | **Grade** | **Course** | **Semester** | **Grade** |
| **GEEN 1201** |  |  | **CEEN 3145** |  |  |
| **MEEN 3145** |  |  | **CEEN 3244** |  |  |
| **MEEN 3344** |  |  | **CEEN/AEEN 3303** |  |  |
| **MEEN 3349** |  |  | **CEEN/AEEN 3304** |  |  |
| **MEEN 4263** |  |  | **CEEN 3311** |  |  |
| **MEEN 4264** |  |  | **CEEN/AEEN 4279** |  |  |
| **MEEN 4382** |  |  | **CEEN/AEEN 4289** |  |  |
| **MEEN 4385** |  |  | **CEEN/AEEN 4316** |  |  |

1. Senior Design Project that has significant components on standards (verified by the course instructor and certificate program director)

**Senior Design Project Title & Description:**

**Senior Design Instructor Name:**

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**Student Signature Date**

***Please email the completed form to Dr. Mohammad Hossain (Mohammad.Hossain@tamuk.edu)***