

An engineer's education

Look at the following abbreviations. What do they stand for? Match.

EAB

ABET

MSc(Res)

MSc

MEng

PhD

33rd Annual Engineering Seminar Day Two: Schedule of Events

8:30 a.m.: Auditorium
Al Dietrich, **MSc**
Donald Barney, **MSc(Res)** -
Engineering Ethics

What are engineers' responsibilities for protecting company intellectual property rights?

This session is appropriate for all engineers, as well as those who are currently working on their **undergraduate degrees**. It is particularly helpful for engineers in **entry-level** positions. This event is also **ABET** and **EAB** accredited for one hour of university credit.

Room 110
Victoria Crawford, **PhD** -
Quantum Mechanics,

How does wave-particle duality affect the future of space travel?

This event is designed for engineers who have finished their **doctorates**. Unfortunately, engineers with only a **master's degree** or undergraduate degree will not be admitted.

1:30 p.m.: Room 200
Mary McCormick, **MEng** -
Complex Systems, Analysis II

How can we increase efficiency in complex systems modeling?

This event is designed for engineers with **postgraduate degrees**. Unfortunately, engineers with only a **bachelor's degree** will not be admitted. It is also restricted to engineers who attended Day One's *Complex Systems Analysis I*.

1 Do you know what accreditation boards are?

Visit the following sites:

<http://www.engab.org.uk/>

<https://www.abet.org/accreditation/>

<https://www.coneau.gob.ar/coneau/que-es-la-coneau/>

Read the information about ABET and EAB accreditations. What is the main function of these organisations?

Which is the accreditation agency in Argentina?

Put the following degrees in the order you can get them.

Doctor of Philosophy in Quantum Mechanics

Bachelor of Engineering

Master of Engineering

- 1.
- 2.
- 3.

2 Read the schedule of events from an engineering seminar. Then, mark the following statements as true (T) or false (F).

- 1 ☐ A PhD is not required to attend *Engineering Ethics*.
- 2 ☐ The space travel session is board accredited.
- 3 ☐ The afternoon event is open to engineers with any level of education.

Vocabulary

3 Check (✓) the sentence that uses the underlined parts correctly.

- 1 ☐ A United Kingdom universities need ABET accreditation.
☐ B A bachelor's degree requires four years of study.
- 2 ☐ A Students can earn a master's degree after a bachelor's.
☐ B To get an MSc, focus on research, not instruction.
- 3 ☐ A A master's degree in engineering is an MSc(Res).
☐ B Joe has an entry-level job, but wants a higher position.
- 4 ☐ A Students earn postgraduate degrees before an MSc.
☐ B The college wasn't accredited because it didn't meet requirements.
- 5 ☐ A Sara has a doctorate, the highest level of study.
☐ B American universities should be EAB accredited.

4 Match the words (1-8) with the definitions (A-H).

- | | |
|--|---|
| 1 ☐ MSc | 5 ☐ EAB |
| 2 ☐ postgraduate degree | 6 ☐ MSc(Res) |
| 3 ☐ MEng | 7 ☐ undergraduate degree |
| 4 ☐ ABET | 8 ☐ PhD |

- A accrediting body in the United States
- B accrediting body in the United Kingdom
- C a master's degree in a scientific field
- D a master's degree in a scientific field earned through research
- E a doctorate
- F a master's degree in engineering
- G a degree showing four years of study
- H any degree achieved after a bachelor's