



Course Description

Legend

| Course Title | [A – B – C] | Course #: | Prereq.: |
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A: Theoretical hrs

B: Practical hrs

C: Credit hrs

Third: Specialized requirements (109 hours)

B. Elective requirements (9 hours)

| Energy and Environment [3 – 0 – 3] | Course #:0906431 | Prereq.: 0300131 |
|---|------------------|------------------|
| Energy systems and environment; conventional and renewable energy sources. The impact of RE in reducing CO ₂ emissions. Consequence of pollution growth; air, water, soil, thermal, noise pollution- cause and effect; causes of global, regional and local climate change; pollution control methods; environmental laws on pollution control. Sustainability: global warming; green house, gas emissions, impacts, mitigation; externalities. The effect of future energy systems. | | |