



## APS1032: Introduction to Energy Project Management

Winter 2016

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### Course Syllabus

1. Introduction to Energy Project Management
  - a. Project Life Cycle
  - b. Energy Project Health Monitoring
  - c. Effective Program Assessment
  - d. Integration Management
  - e. Scope Management
  - f. Time Management
  - g. Cost Management
  - h. Quality Management
  - i. Human Resources Management
  - j. Communication Management
  - k. Risk Management
  - l. Procurement Management
  - m. Roles and Responsibilities
2. Hydro Energy Project Characteristics
3. Nuclear Energy Project Characteristics
4. Oil and Gas Project Characteristics
5. Biomass Energy Project Characteristics
6. Wind Energy Project Characteristics
7. Solar Energy Project Characteristics

Week	Topic	Deliverable
1	Introduction and Examples of Energy Projects	
2	Project Life Cycle	
3	Project Drivers and Controls	
4	Monitoring	
5	Hydro Projects	



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6	Nuclear Projects	
7	Nuclear Projects	
8	Oil and Gas Projects	
9	Oil and Gas Projects	
10	Bio-mass Energy Project Characteristics	
11	Wind Energy Project Characteristics	
12	Solar Energy Project Characteristics	
13	Group Presentations	