

NPRE 476

Solar Thermal and Photo-Voltaic Engineering

Fall 2024

Online Temporary Alternative Coverage and access during Covid-19 Pandemic and possible resurgence through mutations and variants.

1. Please read the assigned-reading lecture-notes chapters.
2. Then answer the corresponding written assignment,
3. For questions about the assignments, please access the teaching assistants by email:
<https://www.mragheb.com/NPRE%20402%20ME%20405%20Nuclear%20Power%20Engineering/talist.htm>
4. Submit the corresponding written assignment through email to <https://canvas.illinois.edu>
5. Please use either the Word or pdf formats
6. In case of internet “rationing” (e. g. to health and government authorities), instability, or collapse through overload, please read the lecture notes and submit the corresponding assignments. Already-taken tests and submitted assignments would be used in assessing the final grade.

Regrettably, some 3,278 colleges and universities across the USA have been impacted by the Covid-19 pandemic, with many temporarily closing their campuses and switching to online classes, affecting more than 22 million students.

To all and everyone we wish good health and well-being.

Threat of Nuclear War:

- <https://www.youtube.com/watch?v=HSC7Lp1nvx8>
- <https://www.youtube.com/watch?v=M7hOpT0IPGI>

Number	Date Assigned	Due Date	Description
1	1/18	1/25	<p>Reading Assignment Preface</p> <p>Written Assignment The Artemis Project by NASA involves the future human presence on the Moon and Mars beyond the Apollo program. In Greek mythology, who is Artemis’ brother? Who was born first? https://en.wikipedia.org/wiki/Artemis_program</p> <p>Construct a diagram showing the different components of the future smart electrical grid from the perspective of the vision of the Internet of Things (IoT).</p> <p>Construct a table comparing the allocation of electrical energy sources in the French Internet of things, IOT to the electrical energy production mix in the USA.</p>
2	1/20	1/27	
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Assignments Policy

Assignments will be turned in at the beginning of the class period, one week from the day they are assigned.

The first five minutes of the class period will be devoted for turning in and returning graded assignments.

Late assignments will be assigned only a partial grade. Please try to submit them on time since once the assignments are graded and returned to the class, late assignments cannot be accepted any more.

If you are having difficulties with an assignment, you are encouraged to seek help from the teaching assistants (TAs) during their office hours. Questions may be emailed to TA's, but face-to-face interaction is more beneficial.

Although you are encouraged to consult with each other if you are having difficulties, you are kindly expected to submit work that shows your individual effort. Please do not submit a copy of another person's work as your own. Copies of other people's assignments are not conducive to learning and are unacceptable.

For further information, please read the detailed assignments guidelines.