Projects

It is hoped that some active work on the students' side could be achieved to encourage students to search for information on a certain subject and then organize this information in an interesting way and present it with explanation to their fellow students during lectures or lab sessions.
Each student should prepare an essay, as well as a poster, a presentation or a website that explains the assigned subject in a clear, concise, and attractive way. There will be voting at the end of term for the best three projects. Those will be assigned 1^{st}, 2^{nd}, and 3^{rd} places. The proposed subjects are part of the material that will be covered in this course. A tentative list follows:

- Radioactive Clocks.
- MRI.
- PET.
- Mysteries of Alpha Decay.
- The neutrino mass and the universe.
- The Gamma Decay and Mossbauer Effect.
- Radon Gas Problem
- Track Detectors.
- Semiconductor Detectors.

The project grading however, does not depend only on how good it is compiled, but also on how much you have understood the subject and how good your presentation is. The main issue being preparing what you have been asked to prepare. If you prepare an essay or a poster on a different subject from the one allocated to you, your grade will be **zero** no matter how good your poster is.