

Accelerator Physics 0302965

Course web

<http://nuclear.bau.edu.jo/ju/ju-accelerators/>

or

<http://nuclear.dababneh.com/ju/ju-accelerators/>

Grading

| | |
|---------------------------|-----|
| Review Test | 10% |
| Mid-term Exam | 20% |
| Projects, quizzes and HWs | 30% |
| Final Exam | 40% |

- Homeworks and small projects are due after one week unless otherwise announced.
- Remarks or questions marked in red without being announced as homeworks should be also seriously considered!
- Some tasks can (or should) be sent by email:
saed@dababneh.com

Projects

- Please do your own **thorough research** on relevant topics you may find appropriate.
- Provide your **suggestion** next week.
- **Final decision** on the subject of your project should be taken before mid October.
- Due date for **written version** is Wednesday, December 8th.
- **Presentation** date will be decided later.

Example => Relevant Physics

Physics:

Classical and relativistic dynamics, electric and magnetic forces, fields and field lenses (ion optics), particle orbits, nuclear and radiation, superconductivity, radiation protection, shielding *etc.....*

