**Second Semester 2019/20 Birzeit University Physics 232: Modern Physics**

As part of this course you will be required to write a short termpaper:

1. Choose a topic or section (not exceeding 1-2 pages) from the chapter assigned to you in the table below and inform me by Ritaj to get my approval. Deadline for submitting topic for approval: Wednesday 22/4/2020 at 10 am but it is better to submit it as early as possible.

Topics will be approved on a first come first served basis. If you choose a topic that is already chosen by somebody else I will tell you to choose a different one. Use the table below to find the chapter corresponding to your student number.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Student number | 1130000-1169999 | 1170000-1180600 | 1180601-1181400 | 1181401-1181650 | 1181651- 1181999 | 1182000- 1189999 |
| Chapter | 13 | 15 | 12 | 10 | 14 | 11 |

1. Find 2 references (books or journals or internet sources) that deal with your topic. Inform me via Ritaj of the references by Wednesday 29/4/2020 at 10 am. Write the references as shown below.
2. Write a short paper **one page only** including: your name and number, title of the topic, summary (**in Arabic)** of the information you learned about the topic and the list of references.
3. If you include a figure you should mention the reference from which you obtained it.
4. You cannot use material from the internet except if the website is reliable (that is it is posted by scientific institutions or universities). You should not use cut and paste. You should not copy word by word.

1. Submit the 1-page paper by Saturday May 9, 2020 at 10 am via Ritaj. It must be typed. Use minimum font size 12. No handwritten material will be accepted.
2. You will lose grades for any day of delay for each deadline.

**How to document references:**

For a book give: **Author name(s), Book name (Publisher, Place of publication, Year of publication).** For example:

R. Dreizler and E. Gross, Density functional theory (Springer, Berlin, 1990).

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For an article in a journal give: **Author name(s), Journal name Volume (Year of publication) first page-last page.** For example:

R. Schmid, E. Engel and R. Dreizler, Physical Review C 52 (1995) 164-169.

For internet sources include

* Author’s name (the person or organization responsible for the site)
* year (date created or last updated)
* name of sponsor of site (if available)
* the date you accessed or viewed the site
* Internet address link (between pointed brackets).

For example:

International Narcotics Control Board 1999, United Nations, accessed 1 October 1999, <http://www.incb.org>