

# Physics (3)

Prepared by

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# Contents and Schedules

No.	Course contents	Week
1	Meeting and Introduction to physics	1
2	Thermal radiation	2
3	Theory of Light Spreading	3,4
4	Optics and optics equipment	5,6
5	Mid - term	7
6	Photoelectric and photovoltaic effect	8,9
7	Principles of Laser	10
8	Fundamentals of Modern Physics	11,12

## ❖ Teaching and Learning Methods:

No.	Method
1	Lectures
2	Tutorials
3	Practical labs

# Student assessment methods:

## □ Assessment methods:

<b>No.</b>	<b>Student Assessment Methods</b>
<b>1</b>	<b>Quizzes</b>
<b>2</b>	<b>Mid-term exam</b>
<b>3</b>	<b>Practical exam</b>
<b>4</b>	<b>Final exam</b>
<b>5</b>	<b>Sheets</b>
<b>6</b>	<b>Oral exam</b>
<b>7</b>	<b>Attendance</b>

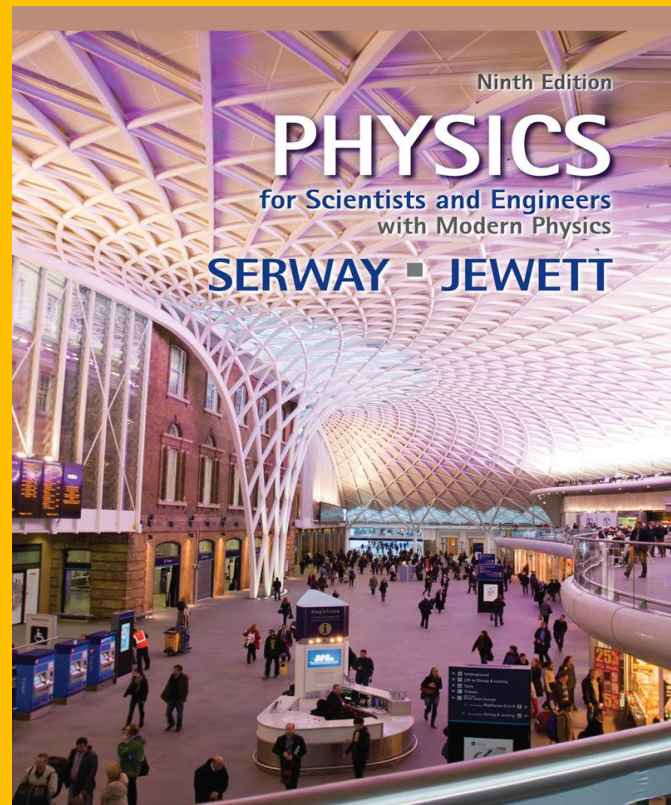
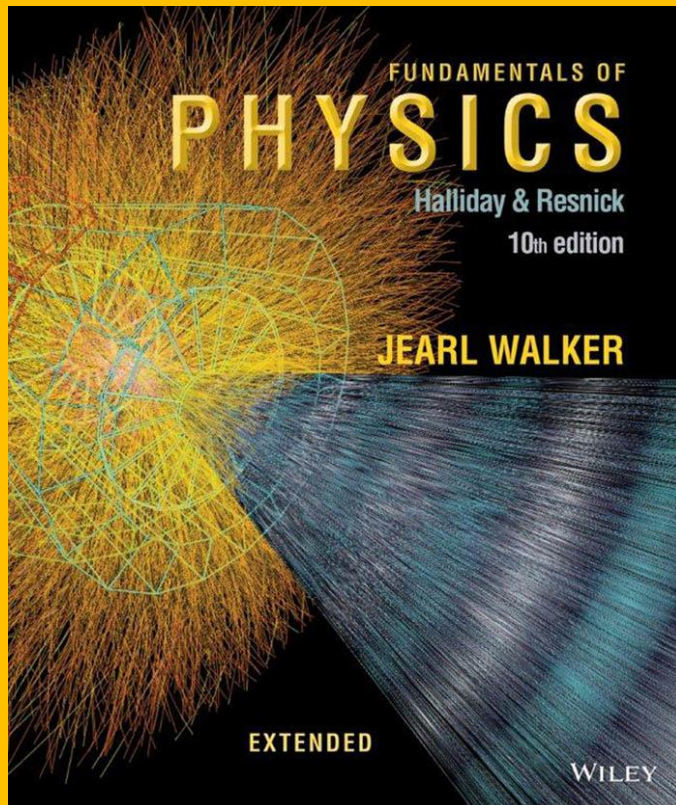
## ❖ Weighing of Assessments:

No.	Assessment	Weight (degree)
1	Quizzes	5
5	Reports and sheets	10
6	Oral exam	5
7	Attendance	5
2	Mid-term exam	25
3	Practical exam	10
4	Final exam	90
8	Total	150



# References

- ❑ Holt physics 10E by Serway
- ❑ Fundamentals of Physics 10E by David Halliday
- ❑ Physics for Scientists and Engineers with Modern Physics 9E by Serway



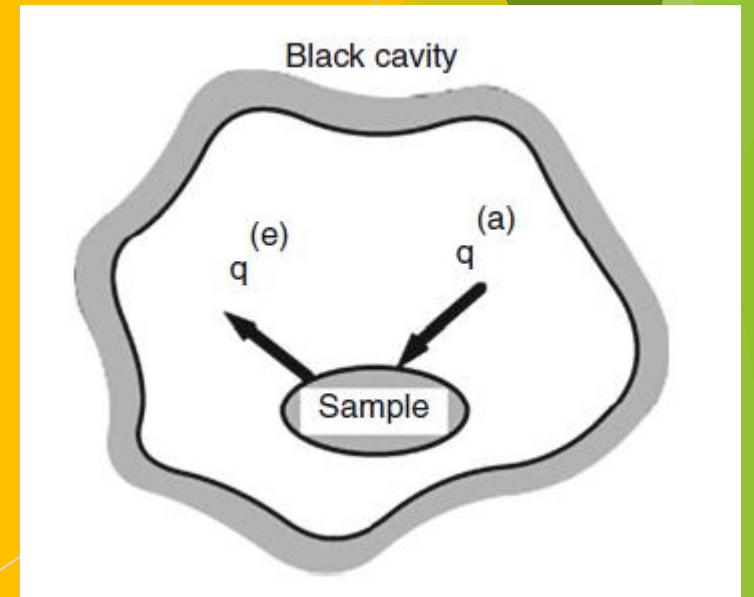
## Lecture (1)

# Thermal radiation

### □ Research topic (1)

❖ The emissivity and absorptivity of a surface

❖ Planck's distribution law in radiations





**Finish ...**

**Thank you**