



## Course Identification and General Information

Course Code	Course Num.	Course Name	Credit Hours	Lec.	Lab.	Tut.	Private study	Pre-requisites	Course Level	Language
PHY	382	Electronics Lab	2	0	3	0	4	PHY 381	6	English
<b>Course Coordinator</b>			Saja M. Algessair <a href="mailto:678@imamm.org">678@imamm.org</a> ; <a href="mailto:smalgessair@imamu.edu.sa">smalgessair@imamu.edu.sa</a> office Number: S016 office phone 99335							
<b>Class meetings</b>			Wednesday day (9:00 - 12:00)							
<b>Office hours</b>			Sunday day (9:00 - 11:00) - Thursday day (9:00 - 10:00)							

## Course Schedule

Topics	Total Contact Hours
Introduction	3
<i>Recording the current-Voltage characteristic of a diode</i>	3
<i>Half-wave rectifier circuit</i>	3
<i>Full-wave rectifier circuit</i>	3
<i>Capacitor filter circuit</i>	3
<i>Zener-diode characteristics</i>	3
<b>Date: 31 Oct</b>	<b>Mid Term 1</b>
<i>Voltage stabilization with Zener diode</i>	3
<i>Bipolar transistor characteristics</i>	3
<i>Field Effect Transistor (FET)</i>	3
<b>Date: 21 Nov</b>	<b>Mid Term 2</b>
Revision	3
<b>Date: 28 Nov</b>	<b>Final Examination</b>

### Grading System

1st Midterm Exam	7.5%	2nd Midterm Exam	7.5%
Classroom	5%	Reports	30%
Oral Exam	10%	Final Examination	40%