

Experiment 5:

Diode Rectifier Circuits

Pre-Lab Report

A. Rectifier Design Characteristics

Name the most important characteristics which must be specified for a rectifier circuit

B. Full Wave Rectifier with Capacitor (Fig.4)

Calculate the values of V_r and V_{DC} using the approximate relations in the Theory section.

	$R_L=680\Omega$		$R_L=2.2K\Omega$	
$C(\mu F)$	V_{DC}	V_r	V_{DC}	V_r
1				
22				
100				
1000				