H-Form ECE 476

A Brief Course Description			
College	Engineering		
Department/ Program	Electrical Engineering – Communications Engineering Program		
Course Name	Optical Communications		
Course Code	ECE 476		
Year / Level	4/8		
Credit Hours	4		
Contact Hours	Lecture:3	Lab/Tutorial: 2	Training: 0
Language	English		
Track	☐University ☐College ☐Department ☒Program		
	☐Required ☒ Elective		
Pre-requisites Course	ECE 371, ECE 220		
Co-Requests	-		
Course Description	The course covers underlying and fundamental light characteristics concepts and demonstrates components, types, and communication of fiber optics which support modern wireless communication systems and networks. Some of the basic knowledge of some networks (SONET/SDH) has been described in this course. The focus for optical networking fundamentals is on the physical layer of the network protocol stack. The optical line terminal and optical line amplifier of WDM networks is studied in this course.		