

<b>SEMESTER</b> <i>Seventh</i>	<b>DEPARTMENT</b> <i>Telecommunications Engineering</i>	<b>COURSE TITLE</b> <i>Optical Fibers Lab.</i>
<b>COURSE CODE</b> <i>ET704</i>	<b>HOURS</b> 3 <b>UNITS</b> 1	<b>COURSE SPECIFICATIONS</b> <i>Practical Content</i>

**1. Fiber Optic Connection:**

- Fiber Alignment and Joint Loss.
- Connection Problems.
- Connectors.
- Couplers.

**2. Fiber Optic Installation and Splicing:**

- Fiber Optic Installation.
- Fiber Splicing.
- Optical Fiber Termination.

**3. Light Sources and Optical Photo detectors:**

- Light Sources.
- Optical Photo detectors.

**4. Fiber-Optic Measurements and Testing:**

- Power Meter Measurements.
- Patch Cord Losses.
- Fiber Optic Link Loss Measurement.
- Optical Return Loss Measurement.
- OTDR Measurements.