



# **Sherpur Polytechnic Institute**

## **ELECTRONICS TECHNOLOGY**

# COMMUNICATION ENGINEERING

**Subject Code:  
26842**

**Prepared by:  
Nadim Al Syed Khan  
Instructor (Tech) Electronics**

# Chapter: 01

## BASIC OF COMMUNICATION

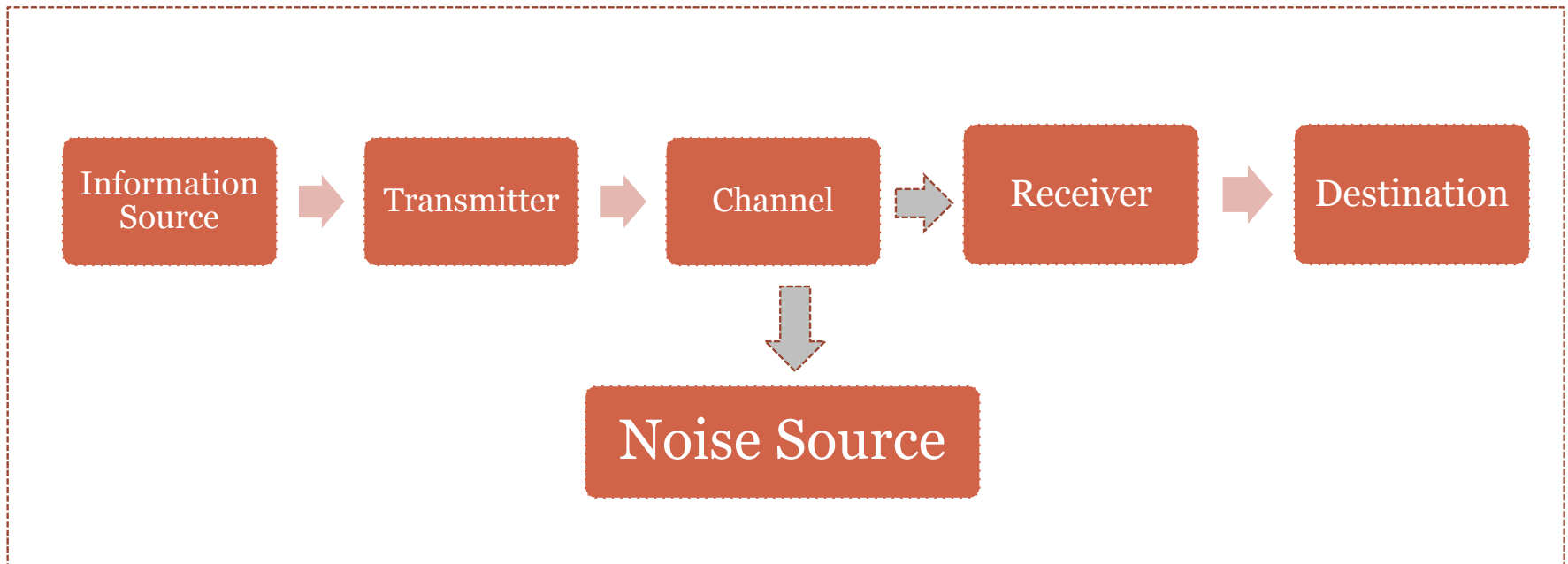
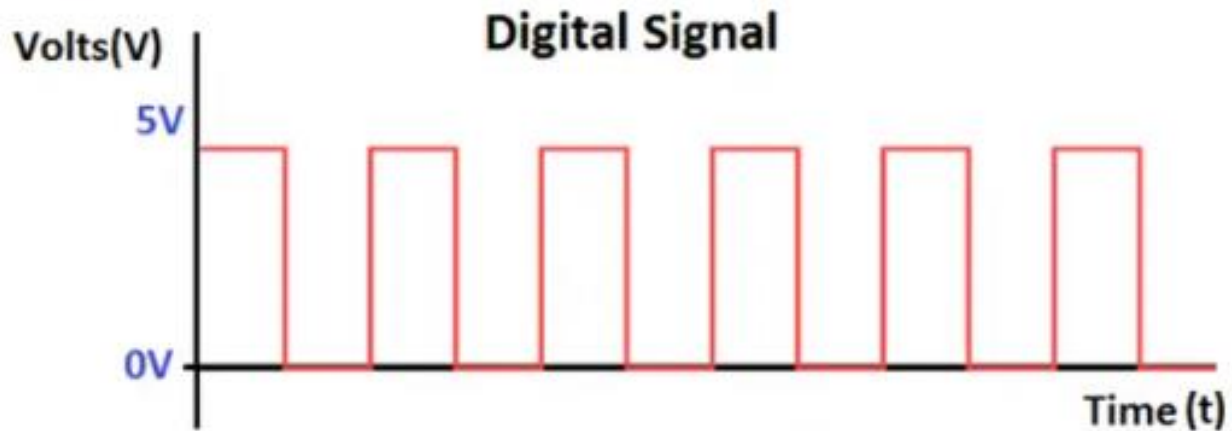
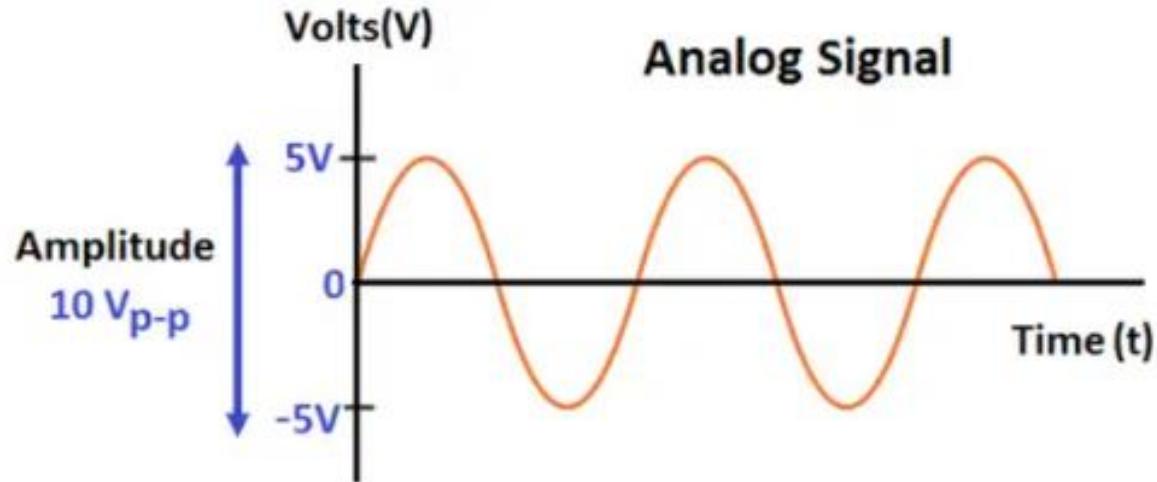
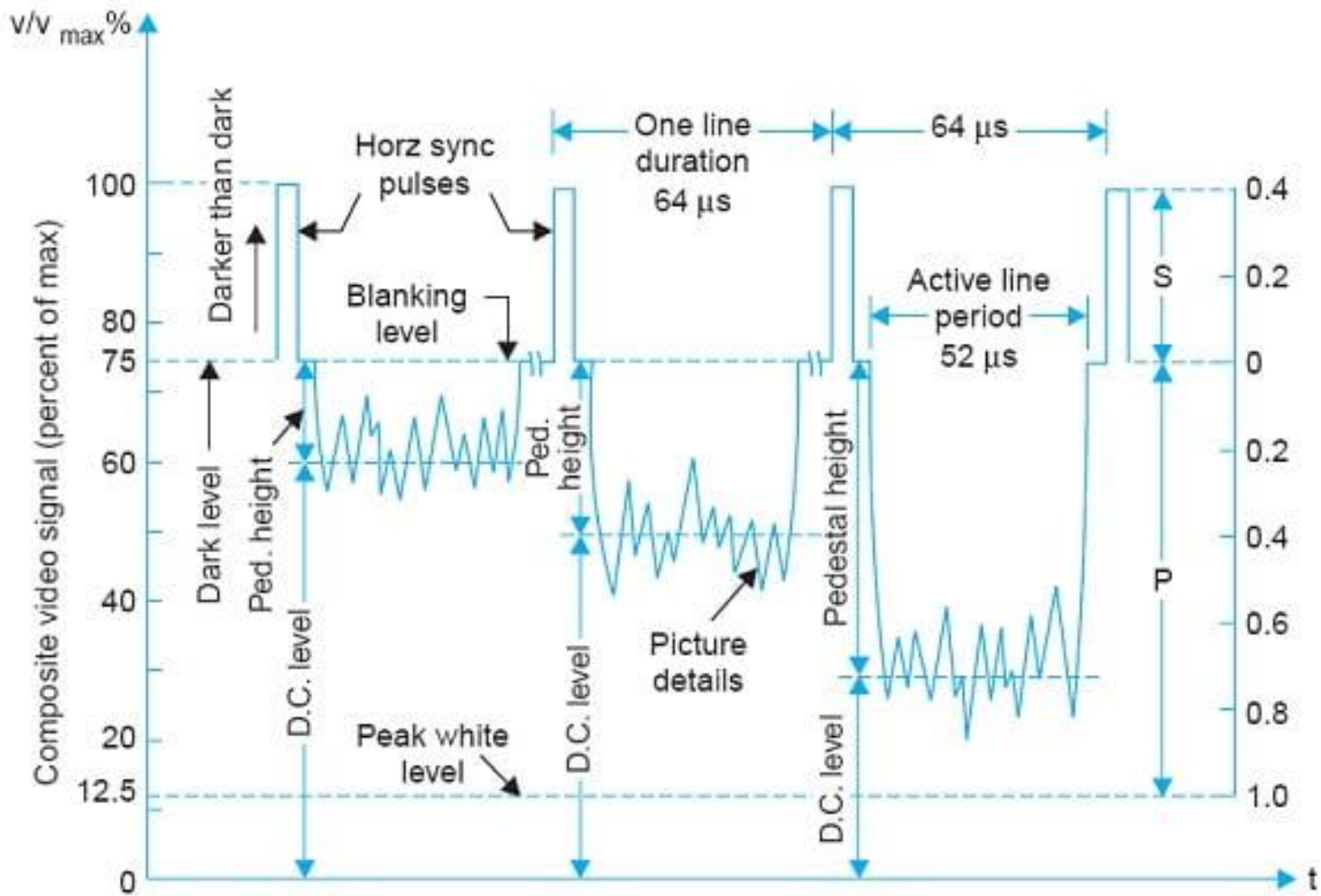


Fig: Block Diagram Of Telecommunication  
System

# Chapter: 02

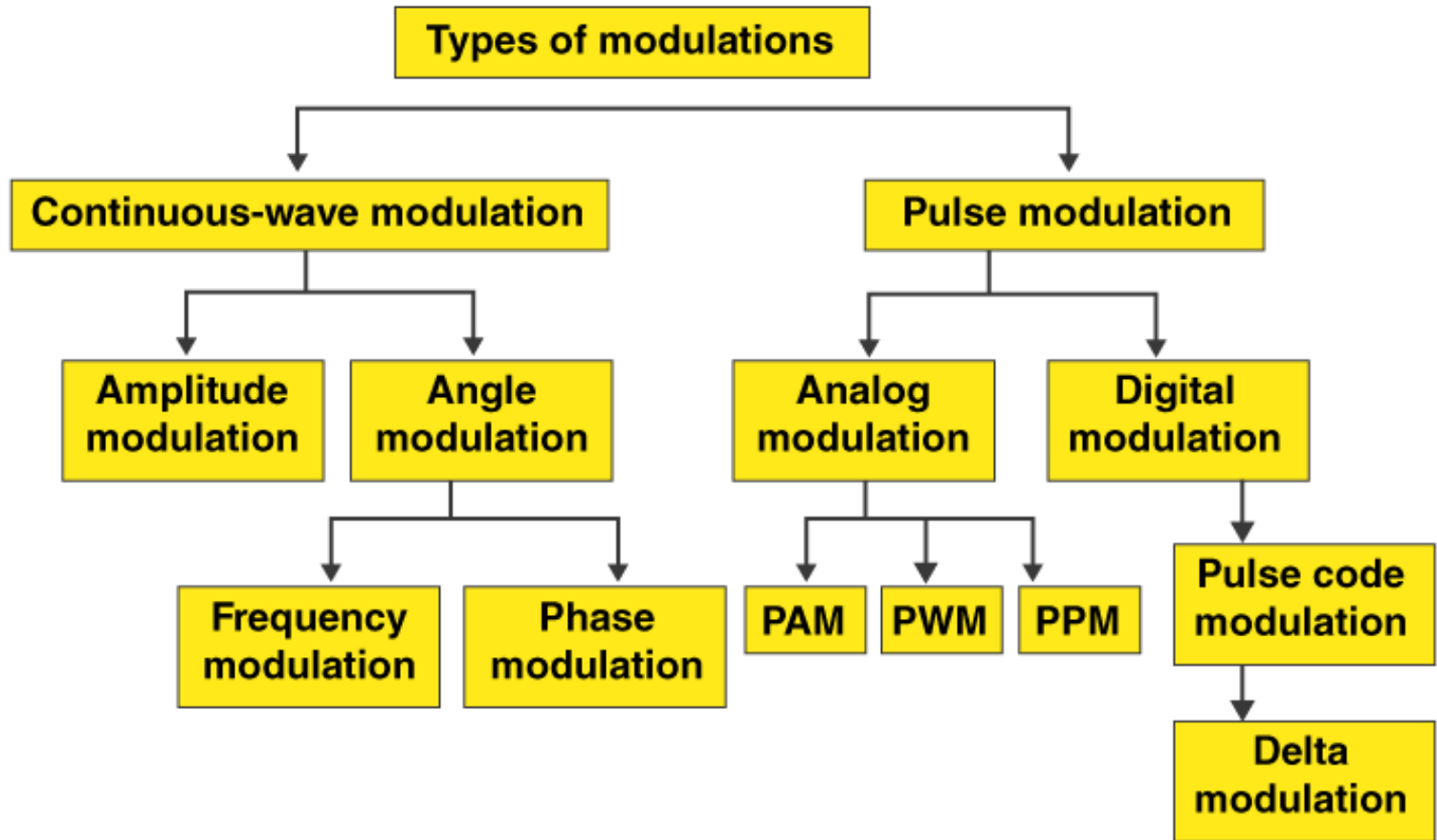


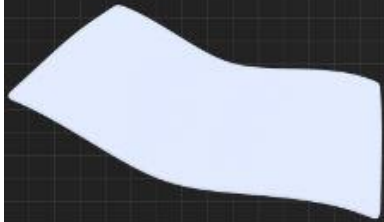


**Fig: Composite Video Signal**

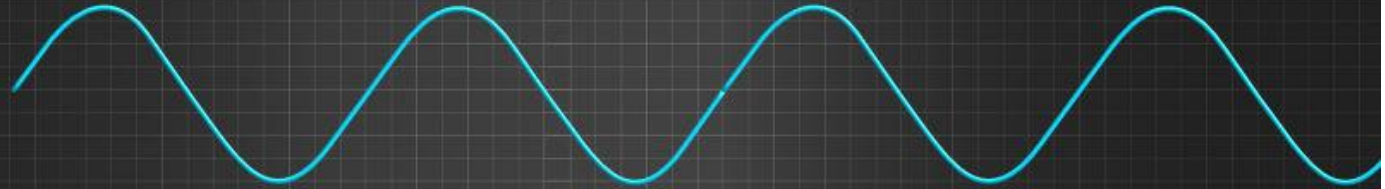
# Chapter: 03

## Modulation

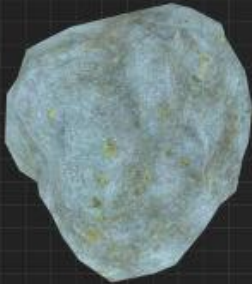




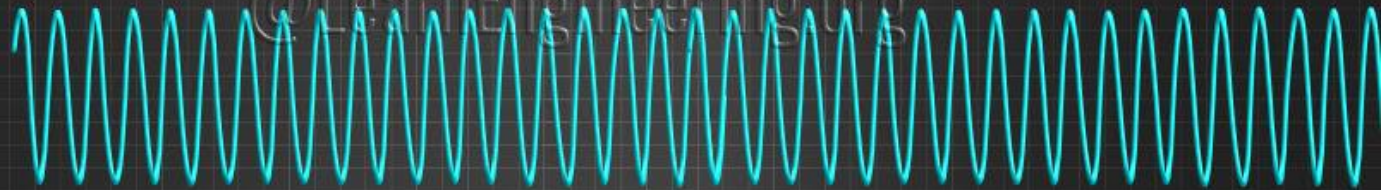
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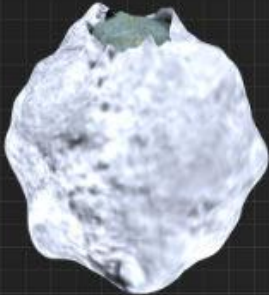
MESSAGE SIGNAL



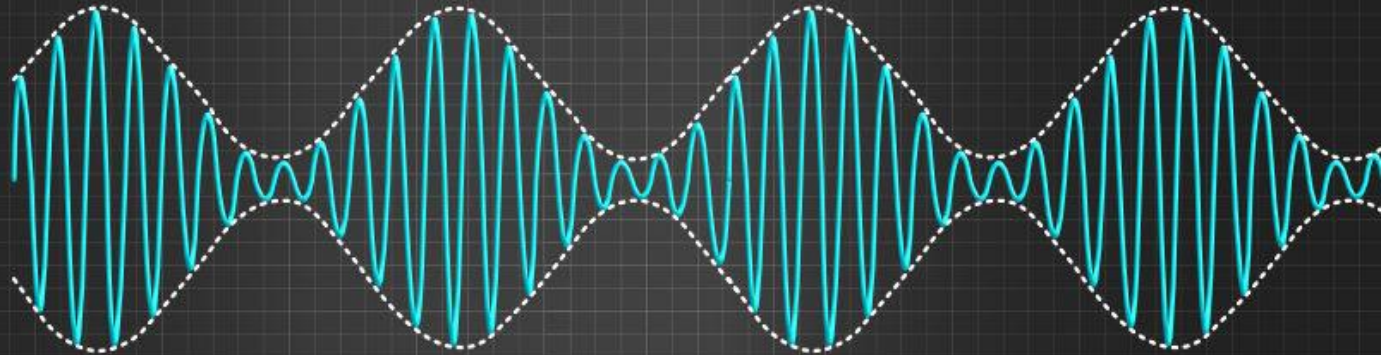
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CARRIER SIGNAL



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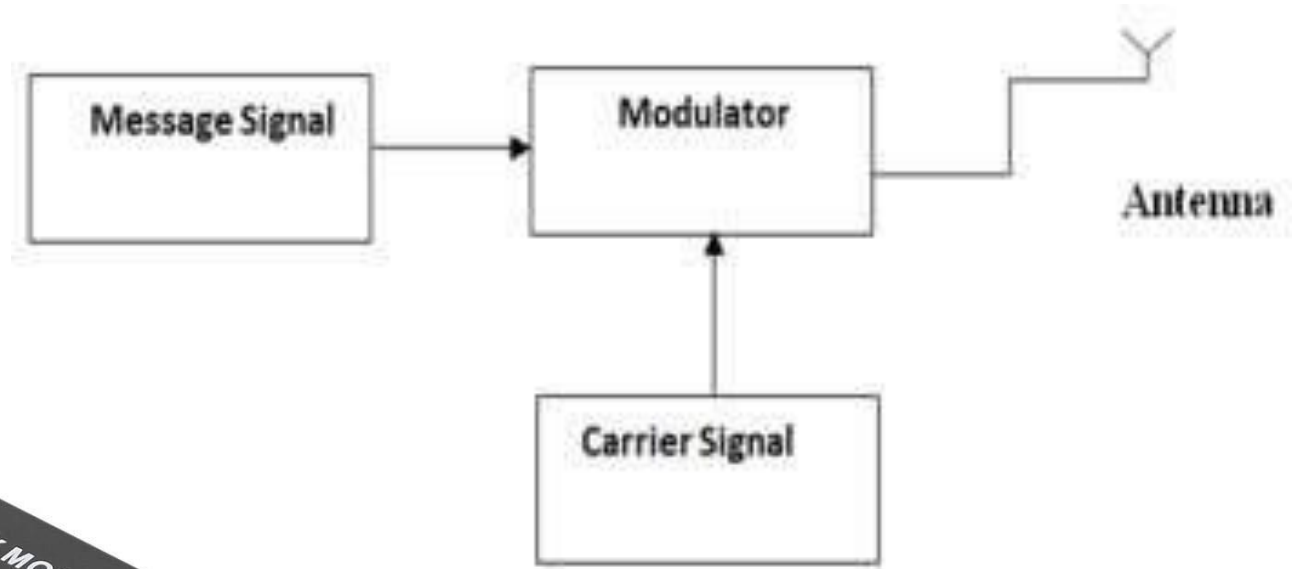


FREQUENCY MODULATED SIGNAL

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# Chapter: 04

## Modulator & Demodulator



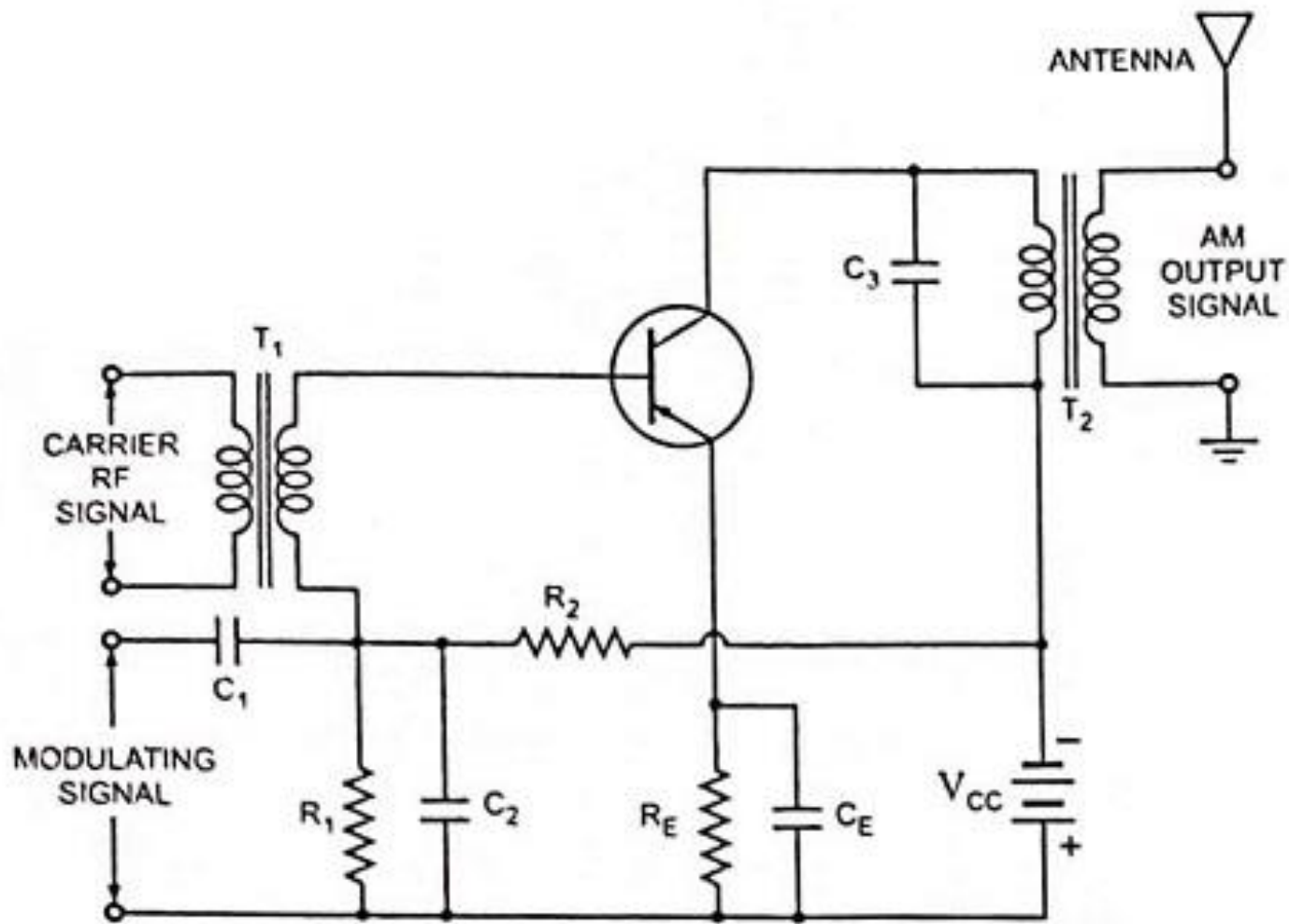


Fig. 22.28 Base Modulation Circuit

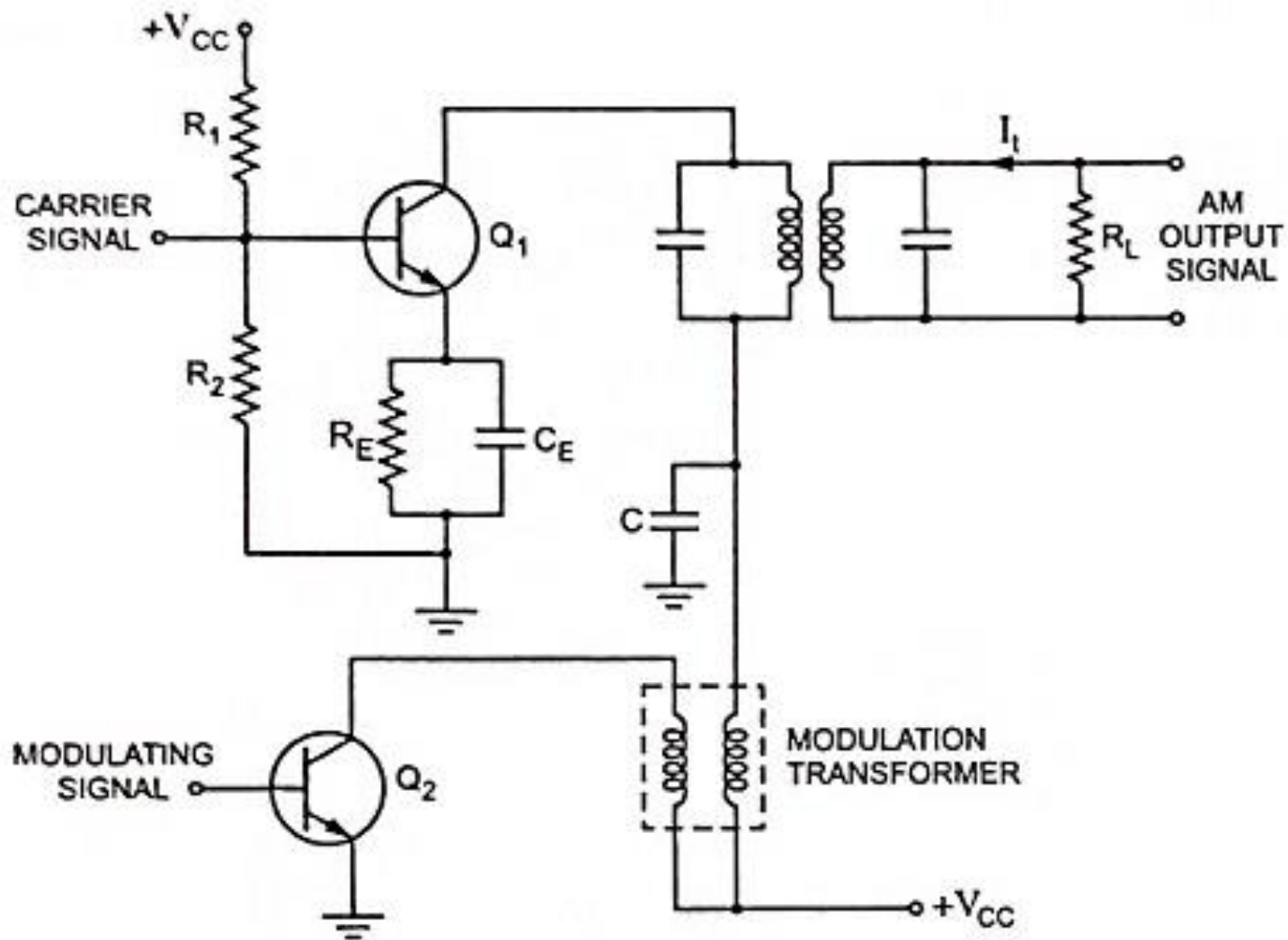


Fig. 22.26 Collector Modulation Circuit



