



## **Telecommunications Program (Model 130ST)**

The Basic Digital Telephone experiment card set is designed for use with the Nida Model 130ST Trainer. Students are introduced to the basic elements that make up communication systems describing the circuits and components contained in these systems. Bandwidth and noise are discussed as limiting factors. The hands-on portion of the lesson familiarizes the student with the operation of the telephone set and is then instructed to measure signals in the local loop of an electronic telephone set.

The Advanced Digital Telephone experiment card set teaches and demonstrates two methods of signal processing and one type of transmission medium. The two signal processing methods covered, to a block diagram level, are analog time division multiplexing and digital pulse code modulation. The transmission medium covered is fiber optics, also to the block diagram level.

<b>Telecommunications Model 130ST</b>	
<b>Courseware</b>	<b>Card Sets</b>
Basic Digital Telephone	Model 1429
Time Division Multiplexing	Model 1436
Fiber Optics	"

Representative



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