



**NIDA CORPORATION
COMPUTER ASSISTED INSTRUCTION**

LESSON AND OBJECTIVE LISTING

**Master Course Listing
Communications**

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OBJECTIVE LISTING - Master Course Listing

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CARDS/KITS

MOD 45 - SIGNAL PROCESSING

- 5101-112-130 Communications Systems and Signal Processing ---
 - Describe the basic elements that compose a communications system.
 - State the two fundamental limiting factors in a communications system.
 - Describe the basic differences between analog and digital signals.
 - Describe signal processing.
 - Identify various signal processing techniques.
- 5101-112-160 Amplitude Modulation ---
 - Describe amplitude modulation (AM).
 - Describe the characteristics of amplitude modulation.
 - Generate amplitude modulation signals using a function generator.
 - Observe and measure the characteristics of an amplitude modulated signal.
- 5101-112-190 Frequency Modulation ---
 - Describe frequency modulation (FM).
 - Describe the characteristics of frequency modulation.
 - Generate frequency modulation signals using a function generator.
 - Observe and measure the characteristics of a frequency modulated signal.
- 5101-112-220 Single Sideband and Transmission Lines ---
 - Identify the Single Sideband operating principle.
 - Identify the operation of a Single Sideband transmitter and receiver.
 - Identify transmission line operating characteristics.
 - Identify the different types of transmission lines.
- 5101-114-130 AM Circuits ---
 - Describe a diode AM modulator circuit.
 - Describe a transistor collector AM modulator circuit.
 - Describe a transistor series AM modulator circuit.
 - Describe a diode AM demodulator circuit.
 - Describe a transistor AM demodulator circuit.
- 5101-114-160 Basic AM Circuit Construction 130x, 322
 - Construct an AM diode modulator circuit.
 - Measure signals in an AM diode modulator circuit.
 - Construct an AM diode demodulator circuit.
 - Measure signals in an AM diode demodulator circuit.
- 5101-114-190 AM Circuit Operation 91, 92
 - Observe the operation of a transistor collector modulator transmitter.
 - Measure signals in a transistor collector modulator transmitter.
 - Observe the operation of a diode demodulator receiver.
 - Measure signals in a diode demodulator receiver.
- 5101-114-220 AM Circuit Troubleshooting 91, 92
 - Determine if an AM transmitter and receiver system is operating correctly.
 - Identify the faulted circuit in a malfunctioning AM transmitter and receiver system.
- 5101-116-130 FM Circuits ---
 - Describe a reactance modulator circuit.
 - Describe a varactor modulator circuit.
 - Describe an IC voltage controlled oscillator modulator circuit.
 - Describe a slope demodulator circuit.
 - Describe a discriminator demodulator circuit.
 - Describe a ratio demodulator circuit.

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MOD 45 - SIGNAL PROCESSING (cont.)

5101-116-130 FM Circuits (cont.)	
▪ Describe phase lock loop circuits to the block diagram level.	
▪ Describe phase lock loop FM demodulators.	
5101-116-160 Basic FM Circuit Construction	130X
▫ Construct an FM reactance modulator circuit.	
▫ Measure signals in an FM reactance modulator circuit.	
▫ Construct an FM slope demodulator circuit.	
▫ Measure signals in an FM slope demodulator circuit.	
5101-116-220 IC FM Circuit Operation	336
▫ Observe the operation of an integrated circuit transmitter and receiver.	
▫ Measure signals in an integrated circuit transmitter and receiver.	
5101-116-280 Analog Pulse Modulation	---
▪ Define analog pulse modulation.	
▪ Describe pulse amplitude modulation.	
▪ Describe pulse width modulation.	
▪ Describe pulse position modulation.	
5101-122-130 Pulse Code Modulation (PCM)	---
▪ Describe pulse code modulation (PCM).	
▪ Describe the characteristics of PCM signals.	
▪ Describe the block diagram of a PCM modulator.	
▪ Describe a typical PCM modulator circuit.	
▪ Describe the block diagram of a PCM demodulator.	
▪ Describe a typical PCM demodulator circuit.	
5101-122-160 PCM Circuit Operation	284, 326, 327
▫ Observe the operation of a typical PCM modulator.	
▫ Measure signals in a typical PCM modulator.	
▫ Observe the operation of a typical PCM demodulator.	
▫ Measure signals in a typical PCM demodulator.	
5101-122-190 PCM Circuit Troubleshooting	326, 327
▫ Determine if a PCM transmitter and receiver system is operating correctly.	
▫ Identify the faulted component in a malfunctioning PCM transmitter and receiver system.	
5101-124-130 Delta Modulation (DM)	---
▪ Describe Delta Modulation.	
▪ Describe the characteristics of DM signals.	
▪ Describe a typical DM modulator circuit.	
▪ Describe the CVSD DM modulator integrated circuit.	
▪ Describe a typical DM demodulator circuit.	
▪ Describe the CVSD DM demodulator integrated circuit.	
5101-124-160 Delta Modulation (DM) Circuit Operation	332, 333
▫ Observe the operation of a typical DM modulator.	
▫ Measure signals in a typical DM modulator.	
▫ Observe the operation of a typical DM demodulator.	
▫ Measure signals in a typical DM demodulator.	
5101-124-190 DM Circuit Troubleshooting	332, 333
▫ Determine if a DM transmitter and receiver system is operating correctly.	
▫ Identify the faulted component in a malfunctioning DM transmitter and receiver system.	

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MOD 45 - SIGNAL PROCESSING (cont.)

5101-126-130	Frequency Shift Keying (FSK)	---
	▪ Describe Frequency Shift Keying.	
	▪ Describe the characteristics of FSK signals.	
	▪ Describe a typical FSK modulator circuit.	
	▪ Describe the MC14066 analog switch and ICL8038 VCO integrated circuits.	
	▪ Describe a typical FSK demodulator circuit.	
	▪ Describe the NE565 and NE567 PLL integrated circuits.	
5101-126-160	Frequency Shift Keying Circuit Operation	328, 329
	▫ Observe the operation of a typical FSK modulator.	
	▫ Measure signals in a typical FSK modulator.	
	▫ Observe the operation of a typical FSK demodulator.	
	▫ Measure signals in a typical FSK demodulator.	
5101-126-190	FSK Circuit Troubleshooting	328, 329
	▫ Determine if an FSK transmitter and receiver system is operating correctly.	
	▫ Identify the faulted component in a malfunctioning FSK transmitter and receiver system.	
5101-128-130	Phase Shift Keying (PSK)	---
	▪ Describe Phase Shift Keying.	
	▪ Describe the characteristics of PSK signals.	
	▪ Describe a typical PSK modulator circuit.	
	▪ Describe a typical PSK demodulator circuit.	
5101-128-160	Phase Shift Keying Circuit Operation	323, 330, 331
	▫ Observe the operation of a typical PSK modulator.	
	▫ Measure signals in a typical PSK modulator.	
	▫ Observe the operation of a typical PSK demodulator.	
	▫ Measure signals in a typical PSK demodulator.	
5101-128-190	PSK Circuit Troubleshooting	323, 330, 331
	▫ Determine if a PSK/QPSK transmitter and receiver system is operating correctly.	
	▫ Identify the faulted component in a malfunctioning PSK/QPSK transmitter and receiver system.	
5101-132-130	Time Division Multiplexing (TDM)	---
	▪ Describe Time Division Multiplexing.	
	▪ Describe the characteristics of TDM signals.	
	▪ Describe a typical TDM multiplexer circuit.	
	▪ Describe the MC14051 circuit used as a TDM multiplexer.	
	▪ Describe a typical TDM demultiplexer circuit.	
	▪ Describe the MC14051 circuit used as a TDM demultiplexer.	
5101-132-160	Time Division Multiplexing Circuit Operation	305, 306, 322
	▫ Observe the operation of a typical TDM multiplexer.	
	▫ Observe the operation of a typical TDM demultiplexer.	
	▫ Perform alignments in a typical TDM circuit.	
	▫ Measure signals in a typical TDM circuit.	
5101-132-190	TDM Circuit Troubleshooting	305, 306, 322
	▫ Determine if a TDM transmitter and receiver system is operating correctly.	
	▫ Identify the faulted component in a malfunctioning TDM transmitter and receiver system.	
5101-134-130	Frequency Division Multiplexing (FDM)	---
	▪ Describe Frequency Division Multiplexing.	
	▪ Describe the characteristics of FDM signals.	

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MOD 45 - SIGNAL PROCESSING (cont.)

- 5101-134-130 Frequency Division Multiplexing (FDM) (cont.)
 - Describe a typical FDM multiplexer circuit.
 - Describe the NE564 PLL circuit used as an FM modulator.
 - Describe a typical FDM demultiplexer circuit.
 - Describe the NE564 PLL circuit used as an FM demodulator.
- 5101-134-160 FDM Circuit Operation 322, 324, 325
 - Observe the operation of a typical FDM multiplexer.
 - Measure signals in a typical FDM multiplexer.
 - Observe the operation of a typical FDM demultiplexer.
 - Measure signals in a typical FDM demultiplexer.
- 5101-134-190 FDM Circuit Troubleshooting 322, 324, 325
 - Determine if an FDM transmitter and receiver system is operating correctly.
 - Identify the faulted component in a malfunctioning FDM transmitter and receiver system.
- 5101-138-920 Multiplexing Techniques Post-Test (Theory) ---

MOD 46 - TELECOMMUNICATIONS

- 5102-312-130 Introduction to Communications Systems ---
 - Define the basic elements that make up communications systems.
 - Describe common circuits and components that are contained in the elements of communications systems.
 - Describe bandwidth as a limiting factor in communications systems.
 - Describe noise as a limiting factor in communications systems.
- 5102-312-160 Telephone Systems ---
 - Define the construction of a basic telephone system.
 - Describe the local area telephone network.
 - Describe local area telephone calling.
 - Describe the local loop.
 - Describe the long distance telephone network.
 - Describe a typical long distance hierarchy telephone system.
- 5102-312-190 Telephone Equipment 337(2)
 - Describe the operation of the mechanical telephone set.
 - Describe the operation of the electronic telephone set.
 - Observe the operation of an electronic telephone set and local loop.
 - Measure signals in the local loop of an electronic telephone set.
- 5102-314-130 Fundamentals of Telecommunications ---
 - Define telecommunications.
 - Identify a basic telecommunications system.
 - Recognize the difference between wired and wireless.
 - Describe the mission of the Federal Communications Commission (FCC).
 - Identify the types of telecommunications systems.
- 5102-314-160 Telecommunications Careers ---
 - Identify the types of telecommunications careers.
 - Identify the educational requirements of telecommunications careers.
 - Describe the certification requirements of the telecommunications industry.
- 5102-314-190 History of Telecommunications ---
 - Identify innovators in the telecommunications industry.

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MOD 46 - TELECOMMUNICATIONS (cont.)

- 5102-314-190 History of Telecommunications (cont.)
 - Describe a brief history of telecommunications.
- 5102-314-220 Special Interest Groups ---
 - Describe special interest groups in the telecommunications industry.
- 5102-314-250 Telecommunications Terminology ---
 - Recognize terms, jargon, and acronyms associated with the telecommunications industry.
 - Define telecommunications terms using the appropriate jargon and acronyms.
 - Identify symbols/flowcharts related to the telecommunications industry.
- 5102-314-310 Connection Links ---
 - Define a connection link, a physical link, and an atmospheric link.
 - Understand the purpose of a connection link.
 - Understand the effects of bandwidth, attenuation, and EMI.
 - Define a metallic link.
 - Define a non-metallic link.
 - Identify a fiberoptic link.
 - State the advantages of a fiberoptic link.
 - Identify a radio link.
 - Identify a microwave link.
 - Identify a satellite link.
- 5102-314-340 Introduction to Network Switching ---
 - Define and identify the purpose of switching in a telecommunications network.
 - Describe the four major methods and variations of switching in a telecommunications network.
- 5102-314-370 Broadcast Systems ---
 - Identify and discuss the different types of broadcast systems.
 - Define and explain the role of broadcast systems in telecommunications.
 - Explain the purpose and use of the Global Positioning System.
- 5102-314-400 Spread Spectrum Modulation ---
 - Identify the different techniques of spread spectrum modulation.
 - Define and explain the purpose of spread spectrum modulation.
 - Describe the PN sequence generation in spread spectrum systems.
 - Describe the need and process for synchronization and preamble in spread spectrum systems.
- 5102-314-430 Cellular Telephony ---
 - Describe the theoretical and physical structures of a cellular telephone system and discuss the different multiplexing techniques used.
 - Define cellular telephony and associated terminology.
 - Explain the process of a cellular telephone call and state the difference between the original mobile telephone and cellular telephone.
- 5102-314-460 Information Systems ---
 - Describe LAN, WAN, and MAN computer networks.
 - Identify the topologies and common components of the various types of networks.
 - Define the term network and associated terminology.
 - Understand the RF and IR wireless networks and explain the benefits they provide.
 - Describe the use of spread spectrum in wireless networks.
- 5102-314-490 Satellite Systems ---
 - Describe satellite telecommunications systems including satellite types and capabilities.

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MOD 46 - TELECOMMUNICATIONS (cont.)

5102-314-490 Satellite Systems (cont.)

- Understand the advantages and disadvantages of satellite radio.
- List multiple access techniques and common satellite electronic circuits.

MOD 47 - RF COMMUNICATIONS

5102-412-130 Introduction to Communications ---

- Define a typical communications system.
- Understand common communications terminology.
- Understand the process of sound to audio frequency, audio frequency to sound conversion.

5102-412-160 Wave Propagation ---

- Define wave propagation.
- Define terms used in describing wave propagation.
- Describe wave characteristics and their propagation paths.

5102-412-190 HF Fundamentals ---

- Define the purpose of an HF system.
- Identify the HF frequency range.
- Define the different modes of operation of an HF system.
- Describe the HF system components.
- Describe a block diagram of an HF system.
- Understand HF Radio system circuit functions.
- Understand basic Fault Isolation of an HF system.

5102-414-130 Amplitude Modulation (AM) Receivers 438, 439, 440

- Define and understand amplitude modulation and heterodyning.
- Identify the major components of a typical AM receiver.
- Explain the major methods of tuning.
 - Identify a modulated AM signal.
 - Observe the effects of over modulation.
 - Measure the IF of an AM receiver.
 - Compare IF to a tuned RF signal.

5102-414-160 AM Receiver Analysis 438, 439, 440

- Identify AM receiver components.
- Describe AM receiver component functions.
- Examine the operation of AM receiver circuits.

5102-414-190 AM Receiver Troubleshooting 438, 439, 440

- Practice troubleshooting AM receivers.

5102-416-130 Frequency Modulation Receivers ---

- Discuss the merits and deficiencies of FM vs. AM.
- Define terms associated with FM.
- Describe FM generation methods.
- Examine methods of tuning FM receivers.

5102-416-160 FM Receiver Analysis 441, 442, 443

- Perform schematic analysis of an FM Receiver.
- Analyze the FM Receiver circuits used in the FM Receiver.
- Perform a receiver alignment on an FM Receiver.

5102-416-190 FM Receiver Troubleshooting 441, 442, 443

- Practice troubleshooting FM Receivers.

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MOD 47 - RF COMMUNICATIONS (cont.)

- 5102-418-130 AM/CB Transceivers ---
- Understand a transmitter block diagram.
 - Identify high level modulation.
 - Understand amplitude modulation and its power requirements.
 - Understand VSWR and SWR.
 - Understand a receiver block diagram.
 - Describe a CB radio.
- 5102-418-160 AM/CB Transceiver Analysis 444(2), 445(2), 446(2)
- Examine the major sections of an AM Transceiver.
 - Observe a signal on an AM Transceiver.
- 5102-418-190 AM/CB Transceiver Troubleshooting 444(2), 445(2), 446(2)
- Localize and isolate faults in an AM transceiver.
- 5102-420-130 Single Sideband Transmitters/Receivers ---
- Define and describe SSB Communications.
 - Understand SSB generation (transmitters).
 - Understand SSB receivers.
- 5102-420-160 SSB Analysis 450, 451, 452, 453, 454, 455
- Analyze the SSB transmitter and receiver schematic.
 - Examine the SSB transmitter and receiver circuits.
- 5102-420-190 SSB Troubleshooting 450, 451, 452, 453, 454, 455
- Understand the particulars of troubleshooting SSB equipment.
 - Identify faults in a typical SSB system.
- 5102-422-130 Narrowband FM 456, 457
- Understand NBFM theory and analysis.
 - Perform an alignment of the NBFM transmitter and receiver.
- 5102-422-160 Narrowband FM Troubleshooting 456, 457
- Understand the particulars of troubleshooting Narrowband FM equipment.
 - Identify faults in a typical Narrowband FM system.

MOD 48 - FIBEROPTIC CIRCUITS

- 5102-114-130 Introduction to Fiber Optics 251, 301, 302, 323
- Explain what light is and how it is produced.
 - Identify the components of the visible spectrum and the optical spectrum.
 - Describe the difference between reflection and refraction.
 - Identify the law of reflection and Snell's law.
 - Explain total internal reflection.
 - Explain the operation of a fiberoptic system.
 - Describe the three sections of a fiberoptic system.
 - Identify some optical light sources and optical detectors.
 - Describe the construction of a fiberoptic cable.
 - Identify some of the advantages and disadvantages of fiberoptic systems.
 - Become familiar with fiberoptic cables.
 - Observe the operation of a fiberoptic system.
- 5102-114-160 Fiberoptic Components 251
- Define attenuation and bandwidth.
 - Identify the primary causes of attenuation.

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MOD 48 - FIBEROPTIC CIRCUITS (cont.)

- 5102-114-160 Fiberoptic Components (cont.)
- Describe single mode and multimode optical fibers.
 - Understand the numerical aperture rating.
 - Identify some of the characteristics for optical sources.
 - Describe the difference between homojunction and heterojunction LEDs.
 - Describe the differences between LEDs and lasers.
 - Identify some of the characteristics for optical detectors.
 - Describe the differences between PIN photodiodes and APDs.
 - Compare the operation of different optical sources to different optical detectors.
 - Experimentally demonstrate certain limiting characteristics of some fiberoptic components.
- 5102-114-190 Signal Transmission 301, 302, 303, 305, 306, 322
- Describe the five areas of signal processing.
 - Explain AM, FM, PCM, and intensity modulation.
 - Explain TDM, FDM, and WDM.
 - Define SNR and BER.
 - Construct and set up a fiberoptic system utilizing time division multiplexing.
 - Demonstrate the operational characteristics of time division multiplexing.
- 5102-114-220 Fiberoptic Cable Connections 301, 302
- Explain losses due to the different types of misalignment and waveguide geometry.
 - Describe the basic steps for splicing waveguides properly.
 - Identify the six requirements for a good connector.
 - Connectorize a fiberoptic cable properly.
 - Determine the losses of adding a non-permanent mechanical splice to a fiberoptic cable.
- 5102-114-250 Fiberoptic System Troubleshooting 301, 302
- Identify a faulted fiberoptic system.
 - Develop an organized troubleshooting strategy.
 - Understand how to isolate a faulted section of a fiberoptic system.
 - Demonstrate the steps involved in using a troubleshooting flowchart to properly troubleshoot a fiberoptic system .
 - Examine the characteristics of a faulty transmission circuit, transmission medium, and receiver circuit.
 - Troubleshoot random fiberoptic system faults.

MOD 49 - BASIC MICROWAVE

- 5121-112-130 Introduction to Microwaves ---
- Provide a brief history of microwave inception and explain how microwave communications were initiated.
 - Identify basic microwave principles and recognize the Radio Frequency spectrum.
 - Identify microwave frequencies and factors affecting communications.
 - Identify metric prefixes.
 - Perform conversions between different metric prefixes.
- 5121-112-160 Introduction to Microwave Systems 307, 308
- Identify various stages in a basic microwave communications system.
 - Describe the basic principle of multiplexing.
 - Describe the purpose of microwave repeater stations.
 - Identify basic microwave components and devices.

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MOD 49 - BASIC MICROWAVE (cont.)

- 5121-112-160 Introduction to Microwave Systems (cont.)
- Observe the effects of blocked microwave transmission signals and misaligned microwave antennas.
 - Become familiar with the Nida Model 330 Microwave Trainer.
- 5121-112-190 Microwave Transmitters 307, 308
- Describe the operation of typical microwave transmitters.
 - Describe the operation of the transmitter in the Nida Model 330 Microwave Trainer.
 - Observe and trace signals through a basic microwave transmitter.
- 5121-112-220 Microwave Receivers 307, 308
- Describe the operation of a typical microwave receiver.
 - Describe the operation of the receiver in the Nida Model 330 Microwave Trainer.
 - Observe the trace signals through a basic microwave receiver.
- 5121-112-250 Waveguide Theory ---
- Describe a waveguide and explain the advantages and disadvantages of waveguides over other means of transferring RF energy.
 - Explain how waveguides are developed from parallel to wire transmission lines.
 - Describe waveguide plumbing.
- 5121-112-280 Antennas 307, 308
- Describe the basic construction and theory of operation of various types of antennas.
 - Verify that microwave signals can be reflected.
- 5121-112-310 Cavity Resonators and Tube Microwave Devices ---
- Describe the purpose of cavity resonators.
 - Describe the basic theory and operation of cavity resonators.
 - Describe the basic principle of microwave tubes and their limitations.
 - Describe the basic theory and operation of Klystrons and Magnetrons.
- 5121-112-340 Semiconductor Microwave Devices ---
- Describe the limitations of Bipolar and Field Effect Transistors at microwave frequencies.
 - Describe methods to minimize limitations in Bipolar and Field Effect Transistors at microwave frequencies.
 - Describe the basic theory of operation of Varactor Diodes, Tunnel Diodes, Gunn Diodes and DROs.
- 5121-112-920 Microwave Post-Test (Theory) ---

MOD 50 - BASIC RADAR SYSTEMS

- 5061-212-130 Introduction to Radar ---
- Define terms, abbreviations, and symbols used in conjunction with radar principles.
 - Convert decibel and power ratio into standardized reference power (dBm).
 - Describe the composition of a basic radar system.
 - Identify the blocks of a basic radar system.
 - Define abbreviations, terms, symbols, and characteristics used in conjunction with radar systems.
 - State the purpose and use of the surface search, air search, and targeting radar systems.
 - Explain the basic operation of a pulse, continuous wave (CW), and Doppler radar system.
 - Describe a block diagram of a pulse radar system.
 - Understand pulse radar circuit functions.
 - Describe basic radar antennas.

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MOD 50 - BASIC RADAR SYSTEMS (cont.)

5061-212-160 Basic Radar Operation	231
<ul style="list-style-type: none"> ▫ Examine a typical radar timing circuit. ▫ Examine both a sweep and video amplifier. ▫ Examine typical radar characteristics. 	
5061-212-190 Radar Transmitters and Receivers	---
<ul style="list-style-type: none"> ▫ Define radar transmitter abbreviations, terms, and symbols. ▫ Describe the function, operational characteristics, and major subsections of a typical radar transmitter. ▫ Define radar receiver abbreviations, terms, and symbols. ▫ Describe the function, operational characteristics, and major subsections of a typical radar receiver. 	
5061-212-220 Transmission Lines	---
<ul style="list-style-type: none"> ▫ Identify transmission line operating characteristics. ▫ Identify the different types of transmission lines. 	
5061-212-250 Waveguide Theory	---
<ul style="list-style-type: none"> ▫ Describe a waveguide and explain the advantages and disadvantages of waveguides over other means of transferring RF energy. ▫ Explain how waveguides are developed from parallel transmission lines. ▫ Describe waveguide impedance matching terminations. ▫ Describe waveguide components. ▫ Describe waveguide plumbing. 	
5061-212-280 Antennas	---
<ul style="list-style-type: none"> ▫ Understand antenna characteristics. ▫ Explain the propagation of energy in antennas. 	
5061-212-310 Cavity Resonators and Tube Microwave Devices	---
<ul style="list-style-type: none"> ▫ Describe the purpose of cavity resonators. ▫ Describe the basic theory and operation of cavity resonators. ▫ Describe the basic principle of microwave tubes and their limitations. ▫ Describe the basic theory and operation of klystrons and magnetrons. 	
5061-212-340 Semiconductor Microwave Devices	---
<ul style="list-style-type: none"> ▫ Describe the limitations of bipolar and field effect transistors at microwave frequencies. ▫ Describe methods to minimize limitations in bipolar and field effect transistors at microwave frequencies. ▫ Describe the basic theory of operation of varactor diodes, tunnel diodes, gunn diodes, and DROs. 	
5061-212-370 Electromagnetic Compatibility and Countermeasures	---
<ul style="list-style-type: none"> ▫ Define terms, abbreviations, and symbols associated with electromagnetic compatibility. ▫ Describe the function and operational characteristics of electromagnetic compatibility (EMC), electronic countermeasures (ECM), and electronic counter-countermeasures (ECCM). 	
5061-212-400 Radar Auxiliary Systems	---
<ul style="list-style-type: none"> ▫ Define terms, abbreviations, and symbols used with radar dry air systems. ▫ Describe the function and operational characteristics of radar dry air systems. ▫ Define terms, abbreviations, and symbols used with radar cooling systems. ▫ Describe the function and operational characteristics of radar cooling systems. 	
5061-212-920 Basic Radar Systems Post-Test (Theory)	---



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