



**NIDA CORPORATION
COMPUTER ASSISTED INSTRUCTION**

COURSE CHART

HTML Lessons

2012-02-21

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7211-114-190	System Indicator, Display, and Monitor Devices	ST101, ST102, ST103, ST104, ST105, ST106

System Testing and Troubleshooting

7211-116-160	System Maintenance and Diagnostics	ST101, ST102, ST103, ST104, ST105, ST106
7211-116-190	System Malfunctions and Troubleshooting	ST101, ST102, ST103, ST104, ST105, ST106

SYSTEMS - RENEWABLE ENERGY - HOME (MODEL 3601)

Introduction

7231-112-130	Introduction to Renewable Energy Systems	---
7231-112-160	Energy Sources and Site Surveys	---

Home Energy Systems

7231-114-130	Home Solar Energy System Fundamentals	ES101, ES102, ES104, ES105, ES106, ES107
7231-114-160	Home Wind Energy System Fundamentals	ES101, ES102, ES104, ES105, ES106, ES107, ES182
7231-114-190	Home Hybrid Energy System Fundamentals	ES101, ES102, ES104, ES105, ES106, ES107, ES182
7231-114-220	Home Energy System Maintenance and Diagnostics	ES101, ES102, ES104, ES105, ES106, ES107, ES182
7231-114-250	Home Energy System Malfunctions and Troubleshooting	ES101, ES102, ES104, ES105, ES106, ES107
7231-114-920	Home Energy Systems Post-Test (Theory)	---

SYSTEMS - RENEWABLE ENERGY - COMMERCIAL WIND (MODEL 3602)

Introduction

7231-112-130	Introduction to Renewable Energy Systems	---
7231-112-160	Energy Sources and Site Surveys	---

Wind Energy Systems

7231-116-130	Wind Turbine System Fundamentals	ES101, ES102, ES103, ES110, ES111, ES112, ES181
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SYSTEMS - RENEWABLE ENERGY - COMMERCIAL WIND (MODEL 3602) (cont.)

Wind Energy Systems (cont.)

7231-116-160 3-Phase Power Fundamentals	ES101, ES102, ES103, ES110, ES111, ES112, ES181
7231-116-190 Wind Turbine System Maintenance and Diagnostics . .	ES101, ES102, ES103, ES110, ES111, ES112, ES181
7231-116-220 Wind Turbine System Malfunctions and Troubleshooting	ES101, ES102, ES103, ES110, ES111, ES112, ES181
7231-116-920 Commercial Wind Energy Systems Post-Test (Theory)	---

SYSTEMS - RENEWABLE ENERGY - COMMERCIAL SOLAR (MODEL 3603)

Introduction

7231-112-130 Introduction to Renewable Energy Systems	---
7231-112-160 Energy Sources and Site Surveys	---

Solar Energy Systems

7231-118-130 Solar Thermal System Fundamentals	---
7231-118-160 Solar Photovoltaic System Fundamentals	ES101, ES102, ES104, ES107, ES108, ES109
7231-118-190 Solar Photovoltaic System Maintenance and Diagnostics	ES101, ES102, ES104, ES107, ES108, ES109
7231-118-220 Solar Photovoltaic System Malfunctions and Troubleshooting .	ES101, ES102, ES104, ES107, ES108, ES109
7231-118-920 Commercial Solar Energy Systems Post-Test (Theory)	---

SONAR (MODEL 3650)

7811-614-130 Introduction to Sonar	---
7811-614-160 Principles of Sonar	MS101, MS102, MS103, MS104, MS105, MS106, MS113
7811-614-190 Oceanography	MS107, MS108, MS109, MS110, MS111, MS112, MS114(2)
7811-614-220 Basic Sonar Transmitter, Receiver, and Processing .	MS101, MS102, MS103, MS104, MS105, MS106, MS113, MS107, MS108, MS109, MS110, MS111, MS112, MS114(2)
7811-614-250 Active Sonar System Troubleshooting	MS101, MS102, MS103, MS104, MS105, MS106, MS113
7811-614-280 Passive Sonar System Experiments	MS107, MS108, MS109, MS110, MS111, MS112, MS114(2)
7811-614-310 Ships Fitted Sonar Equipment - Royal Australian Navy Vessels	---
7811-614-940 Sonar Post-Test (Theory)	---
7811-614-940AU Sonar Post-Test (Theory)	---

FUNDAMENTALS OF AVIATION TECHNOLOGY

Introduction to Aviation Maintenance Technology

7121-114-190 Introduction to Aviation Technology	---
7121-114-250 General Aircraft Principles	---
7121-114-310 Aircraft Structures	---
7121-114-370 Aircraft Power Plants	---
7121-114-490 FOE (Foreign Object Elimination)	---

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FUNDAMENTALS OF AVIATION TECHNOLOGY (cont.)

Math for Aircraft Technicians

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7121-118-190	Fraction Operations	---
7121-118-220	Decimal Fractions	---
7121-118-250	Percents	---
7121-118-280	Signed Numbers	---
7121-118-310	Exponents and Square Roots	---
7121-118-340	Metric Notation	---
7121-118-370	Ratio and Proportion	---
7121-118-520	Fundamentals of Algebra	---
7121-118-550	Linear Equations	---
7121-118-580	Solving Linear Equations	---
7121-118-640	Angular and Circular Measurements	---
7121-118-670	Area Measurements	---
7121-118-700	Volume Measurements	---
7121-118-730	Velocity and Acceleration Measurements	---
7121-118-760	Force Measurements	---
7121-118-790	Work and Power Measurements	---

Science for Aircraft Technicians

7121-122-130	Introduction to Chemistry	---
7121-122-160	Matter and Energy	---
7121-122-190	Solids, Liquids, and Gases	---
7121-122-730	Simple Machines	---

Aircraft Publications

7121-126-130	Aircraft Regulatory Publications	FAR/AMT Book
7121-126-190	Aircraft Drawings	---
7121-126-250	Aircraft Technical Publications	---

Line Maintenance

7121-130-130	Flight Line Safety	---
7121-130-190	Flight Line Fire Protection	---
7121-130-250	Aircraft Ground Operations	---

AIRCRAFT ELECTRICAL (MODEL 1438P)

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7121-314-190	Cables, Connectors, and Tools	---
7121-314-220	Single Wire Assemblies	W7
7121-314-250	Cabling Standards and Categories of Performance	---
7121-314-280	Twisted Pair Cable	W6
7121-314-310	Coaxial Cable	W6
7121-314-400	Soldering Safety and Electrostatic Sensitive Devices	---
7121-314-430	Solder and Soldering Equipment	---
7121-314-460	Wire Stripping, Tinning, and Splicing	---
7121-314-490	Terminal Types and Connections	---
7121-314-520	Printed Circuit Board Types and Manufacturing Methods	1410K1
7121-314-700	Aircraft Wires and Connectors	---
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7121-318-250	Aircraft DC Generation Systems	180, 734, 735, 736
7121-318-310	Aircraft AC Generation Systems	---
7121-318-370	Basic Aircraft Power Distribution Systems	734, 735
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AIRCRAFT ELECTRICAL SYSTEMS (MODEL 1438S)

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Aircraft Engine Systems

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AIRCRAFT ELECTRONIC SYSTEMS (MODEL 1438E)

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7121-714-190	Tachometer, Torque, and Position-Indicating Systems	---
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7121-722-250	Aircraft Antenna Systems	---

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7121-726-130	Introduction to Aircraft Navigation	---
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AUTOMOTIVE TECHNOLOGY (MODEL 1431)

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7021-112-130	Introduction to the Automobile	---
7021-112-160	Electrical Systems	---
7021-112-190	Charging and Ignition Systems	---
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7021-112-250	Engines	---
7021-112-280	Cooling Systems	---
7021-112-310	Hydraulic Systems	---
7021-112-340	Air Conditioning and Heating Systems	---
7021-112-370	Drive Train and Suspension	---
7021-112-400	Body Design	---

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2011-112-160	Multiplying and Dividing	---
2011-112-190	Fractions	---
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2011-112-310	Percents	---
2011-112-340	Exponents and Square Roots	---
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Algebra

2011-212-130	Fundamentals of Algebra	---
2011-212-160	Linear Equations	---
2011-212-190	Solving Linear Equations	---
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