PROGRESS RECORD
Study your lessons in the order listed below.

Associate In Applied Science In Electronics Engineering Technology
Expiration Date:

1	2330A Current and Voltage
2	2330B Controlling Current and Voltage
3	2333A Power Distribution
4	2333B Portable Extension Cords
5	2336A Static Electricity
6	2336B Electric Currents and Semiconductor Devices
7	2101A Fractions and Decimal Numbers
8	2101B Reciprocals, Percentage and Powers of Numbers
9	2339A The 3 Basics of Electric Circuits: Voltage, Current and Resistance
10	2339B Ohm's Law, Conductors and Insulators
11	2342A Connecting and Tracing Battery Circuits
12	2342B Identifying Components
13	2342C Tracing Wiring on Printed Circuit Boards
14	2102A Roots of Numbers, Ratio and Proportion
15	2102B Inverse Proportion and Negative Numbers
16	2323A Parallel Circuits
17	2323B Equivalent Circuits
18	2323C Applications of Kirchhoff's Laws
19	2324A Series-Parallel Circuits
20	2324B Voltage and Power
21	2511A Vital Statistics of AC Circuits
22	2511B Magnetism and Magnetic Circuits
23	2511C Induced Voltage and Current
24	2313A Thinking Circuits and Automatic Switches
25	2313B Relays and Robots
26	2103A Scientific Notation

27 2103B Units of Measure

28 2304A Inductance

29 2304B Mutual Inductance and Magnetic Coupling

30 2304C Transformers

31 2512A Electrical Charges and Capacitance

32 2512B Capacitors in Action

33 2403A Rectifiers and Amplifiers

34 2403B Transistor and FET Amplifiers

35 2104A Reading and Using Graphs

36 2104B Phasors and Formulas

37 1402 Reliable Soldering Techniques

38 1404 Working with Printed Circuit Boards

39 1406 Building a Siren with Flashing Light

40 1408 Using your Multimeter to Measure Resistance

41 1410 Your Personal Training Laboratory

42 1412 Series and Parallel Resistor Circuits

43 1414 Power and DC Circuits

44 2314 Simplifying Circuit Analysis by Using Kirchhoff's Laws

45 1416 Practical Applications of Kirchhoff's Laws

46 2315 Currents and Voltages in AC Circuits

47 1418 Capacitors and Capacitive Circuits

48 2316 Resonant Circuits

49 1420 Inductors and Inductive Circuits

50 1422 Resonance and Filters

51 2401 Using Semiconductor Diodes

52 2402 Operation of Semiconductor Devices

53 1424 Working with Semiconductor Diodes

54 2503 Unregulated Power Supplies

55	2404	Operation of Tubes and Transistors
56	2405	Amplifiers
57	1426	Fundamentals of Transformers
58	1428	Unregulated Power Supply Characteristics
59	2412	How to Work with Transistors
60	1430	Transistors, Part I
61	1432	Common-Emitter Amplifier Characteristics
62	1434	Transistors, Part II
63	2601	Audio Amplifiers and Equipment
64	2431	Operational Amplifiers
65	1436	Operational Amplifiers Characteristics
66	1438	Silicon-Controlled Rectifiers and Unijunction Transistors: Theory and Applications
67	3610	Regulated Power Supplies
68	1440	Regulated Power Supply Characteristics
69	1442	Working with FET's
70	2406	Radio-Frequency Amplifiers
71	2407	Oscillators
72	1444	Sinusoidal Oscillators
73	2201	Measuring and Measuring Instruments
74	1446	Measurement Techniques Laboratory
75	3342	Circuit response to Non-Sinusoidal Waveforms
76	1448	Time Constants
77	1450	RC Filter Circuits
78	2202	Understanding & Using the Oscilloscope
79	1452	Optoelectronics
80	3463	Digital Switching Units
81	3104	Binary Coding & Computer Arithmetic
82	3464	Logic Circuit Tracing by Using Boolean Algebra

83	3466	Digital IC Families w/ Practical Operating Requir.
84	3343	Clippers, Clampers and Binaries
85	3465	Pulse Processing Circuits
86	1454	Multivibrators
87	3467	Important Digital Integrated Circuits
88	1456	555 Timing Circuits
89	3468	Digital Systems & How to Troubleshoot Them
90	1458	Electromagnetism and Relays
91	2607	Systematic Troubleshooting
92	1260	Basic Gates
93	1262	Practical Digital Circuits
94	1264	Sequential Logic Circuits
95	4250	Safety
96	4252	Introduction to TV
97	4254	The Television System-Functional Block Diagram
98	4256	Television Troubleshooting Techniques
99	4258	Power Supplies
100	4260	Horizontal Circuits
101	4262	High-Voltage Circuits
102	4264	Vertical Circuits
103	4266	Tuners
104	4268	Intermediate Frequency Amplifiers
105	4270	Video Circuits and the CRT
106	4272	AGC Circuits
107	4274	Synchronization Circuits
108	4276	Introduction to Color Television
109	4278	Color Circuits
110	4280	Color Symptom Troubleshooting
111	4282	Color TV Setup

112	4284	Sound Circuits
113	2608	Advanced Troubleshooting Techniques
114	5510	Introduction to Digital Electronics
115	5512	Number Systems
116	5514	Fundamentals of Boolean Algebra
117	5516	Karnaugh Maps
118	5518	NOR and NAND Gate Circuits
119	5520	Discrete Logic Gates
120	5522	Digital Integrated Circuits
121	5524	Digital Flip-Flops
122	5526	One-Shots, Astables, and Schmitt Triggers
123	5528	Counter Design
124	5530	Modulus Counters
125	5532	Shift Registers and Counters
126	5534	Binary Codes and Converters
127	5536	Multiplexers - Demultiplexers
128	5538	CMOS Digital Logic
129	5540	Digital Interfacing
130	5542	ROMs, PROMs and PLAs
131	5544	Introduction to Computers & Microprocessors
132	5345	Oscilloscope Measurements
133	5346	Oscilloscope Triggering
134	5347	Oscilloscope Analysis of Analog & Digital Circuits
*	3730	Proctored Examination
135	5110	Solving Linear Equations
136	5112	Algebraic Signs and Exponents
137	5210	Kirchhoff's Laws
138	5350	Kirchhoff's Laws Laboratory

139	5351	Increasing Your Understanding of Kirchhoff's Laws
140	5115	Algebraic Fractions
141	5116	Applied Fractional Equations
142	5213	Basic Circuit Principles Applied to Practical Design
143	5353	Basic Design Laboratory
144	5217	Network Theorems
145	5356	Dual Circuits Laboratory
146	5357	Superposition
147	5118	Coordinates and Angle Functions
148	5119	Applications of Trigonometric Functions
149	5122	Exponents, Radicals and Complex Numbers
150	5123	Phasor Representation of Steady-State Circuits
151	5155	Analytical Geometry-First Degree Equations
152	5158	Some Basic Concepts of Calculus
153	5215	Signal Waveforms & Their Amplification
154	5403	Introduction to Solid-State Design Part I
155	5216	Advanced Network Theorems
156	5360	Advanced Network Theorems Laboratory Part I
157	5361	Advanced Network Theorems Laboratory Part II
158	5406	Diode Networks
159	5409	Introduction to Solid-State Design Part II
160	5412	Introduction to Solid-State Design Part III
161	5231	Ohm's and Kirchhoff's Laws Applied to A-C Circuits
162	5232	A-C Circuit Analysis
163	5233	A-C Power and Solving Stage Coupling Problems
164	5364	A-C Networks Laboratory
165	5234	Resonant Circuits
166	5125	Systems of Linear Equations
167	5626	Linear Network Analysis

168	5630	Simplifying Network Analysis by Using Determinants
169	5631	Practical Matrix Theory for Engineers
170	5633	Two-Port Linear Networks
171	5140	Quadratic Equations and Systems
172	5142	Higher Order Equations
173	5146	Trigonometric Equations and Identities
174	5150	Theory of Logarithms and Series
175	3126	Natural Logarithms
176	6442	PC Board Layout
177	6202	Calc. Part I-Analytical Geometry 2nd Degree Equations
178	6204	Calc. Part II-Basic Concepts in Differential Calculus
179	6206	Calc. Part III-Further Diff. Tech. & Applications/Derivative
180	6208	Calc. Part IV-Fundamentals of Integration
181	6210	Calc. Part V-Applying Integral Calculus
182	6212	Calc. Part VI-Derivatives of Transcendental Functions
183	6214	Calc. Part VII-Integrating Transcendental Functions
184	6216	Calc. Part VIII- Series Representations & Indeterminate Forms
185	6218	Calc. Part IX-Fourier Series & Differential Equations
186	6420	Transient Analysis, Part I
187	6421	Transient Analysis, Part II
188	6422	Transient Analysis, Part III
189	6423	Transient Analysis, Part IV
190	6424	Transient Analysis, Part V
191	6425	Transient Analysis, Part VI
192	5370	Diode Networks Laboratory
193	6412	Semiconductor Power Switching & Control Devices
194	5366	Bipolar Transistor Design Laboratory Part I
195	5367	Bipolar Transistor Design Laboratory Part II

196	5415	Field Effect Transistors
197	5372	FET Design Laboratory
198	5416	Linear Integrated Circuits
199	5374	Operational Amplifier Laboratory
200	6410	Phase Locked Loops
201	6414	Active Filters
202	6417	Transducers
203	6418	Signal Flow Analysis
204	5637	General Feedback Principles
205	5638	Control Systems
206	6440	Data Transmission
207	5203	Basic Physics
208	5204	Physics of Mechanics
209	5801	Static Magnetic Field Theory
210	5665	Electric Field Physics
211	5802	Magnetic Circuits
212	5803	Optics and Heat
213	5376	Registers
214	5378	Arithmetic Logic Units
215	5380	Timing and Control
216	5382	Memory Units
*	3740	Proctored Examination
217	6602	Introduction to Computer Hardware
218	6604	Introduction to Computer Software
219	6606	Computer Arithmetic
220	6608	68HC11 Programming - Part A
221	6610	68HC11 Programming - Part B
222	6612	Branching and Loops
223	6614	Indexing through Memory

224 6616 Subroutines

225 6618 Reading Assembly Listings

226 6620 Memory Systems I

227 6622 Memory Systems II

228 6624 General Purpose I/O

229 6626 HC11 Interrupts and Resets

230 6628 Analog Capture - Port E

231 6630 Timed Events - Port A

232 6632 Serial Communication - Port D

233 6634 C Programming and the HC11

234 8000 Overview of Reports: Your Options

235 8002 The Memo: Handling Frequent Writing Tasks

236 8004 Outlining the Short Report: A Planning Formula

237 8006 Audience Analysis: Remembering the Reader

238 8008 The Discussion: Report Designs that Succeed

239 8010 Graphics: Adding Information and Interest Visually

240 8012 Research & Resources: Gathering & Using Information

241 8014 Putting It All Together: A Short Report

242 Paper Writing Assign. for Lesson 8014- A Short Report

243 8016 Design Standards for Writing: Grammar that Works

244 8018 Debugging the Report: Editing

245 8020 Business Letters

246 Paper Writing Assign. for Lesson 8020-A Business Letter

247 8022 The Formal Report

248 8024 Investigation Reports

249 Paper Writing Assign. for Lesson 8024-An Investigation Report

250 8026 Project & Progress Reports

251 Paper Writing Assign. for Lesson 8026-Project & Progress Report

252	8028	Proposals: Presenting The Evidence
253	8030	Written & Oral Presentations: Selling Yourself, Your Service, Your Product
254		A Research Paper
*	8750	Proctored Examination
	3700	Associate-Level CET Study Guide