

Helping you teach...
NATEF

AUTOTRONICS

Don't get left behind teaching
1990s automotive technology

Our unique **autotronics boards** provide students with a **practical approach** to theoretical learning and they are the only **troubleshooting trainers** available for post-2000 automotive technology.

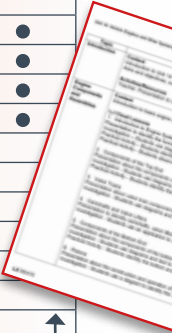
Our Autotronics Programs provide:

- Lessons that link directly to NATEF learning units
- The only troubleshooting trainers available for post-2000 motor vehicle technology
- An easy way to get students through electrical/electronic instruction
- Auxiliary systems circuits and troubleshooting practice
- Lighting circuits and troubleshooting practice
- Starting and charging troubleshooting practice
- Digital simulation learning support
- Teaching of serial bus troubleshooting techniques alongside the required light vehicle repair topics

Age 16+

NATEF Autotronics Crosswalk

	MLR	AST	MAST	700-01 Automotive Electronic Circuits Board	701-02 Lighting Circuits and Troubleshooting Board	720-02 Starting and Charging Troubleshooting Board	721-01 Auxiliary Systems Circuits and Troubleshooting board	752-01 Displays and Accessories Panel Trainer	754-01 Air Conditioning Systems Panel Trainer	756-01 Hybrid Vehicle Systems Panel Trainer	751-01 Engine Management Systems Panel Trainer	755-01 Anti-Lock Braking Systems Panel Trainer
I. Engine Repair	1.A.2	1.A.3	1.A.3					•				
	1.C.1	1.D.1	1.D.1					•				
		1.D.9	1.D.9					•				
		1.D.12	1.D.12					•				
II.	2.C.2	2.C.5	2.C.5							•		
V. Brakes		5.A.0	5.A.1					•				
	5.A.1	5.A.3	5.A.3									•
	5.B.1	5.B.2	5.B.2									•
		5.B.10	5.B.10					•				
	5.B.5	5.B.11	5.B.11					•				•
	5.F.4	5.F.5	5.F.5									•
		5.G.1	5.G.1									•
VI. Electrical/ Electronic Systems			5.G.8								•	•
	6.A.2	6.A.2	6.A.2	•								
	6.A.3			•								
	6.A.4	6.A.3	6.A.3	•		•						
	6.A.5	6.A.4	6.A.4		•	•	•					
		6.A.7	6.A.7	•	•	•	•					
		6.A.10	6.A.10	•		•	•					
			6.A.14			•	•					
			6.A.15			•	•					
	6.B.7	6.B.7	6.B.7							•		
	6.B.9	6.B.9	6.B.9							•		
	6.C.2	6.C.2	6.C.2			•						
	6.C.3	6.C.3	6.C.3			•						
	6.D.1	6.D.1	6.D.1			•						
		6.D.2	6.D.2			•						
	6.D.4	6.D.5	6.D.5			•						
		6.E.1	6.E.1		•			•				
	6.E.1	6.E.2	6.E.2		•			•				
		6.F.1	6.F.1					•				
		6.H.1	6.H.1				•					
		6.H.2	6.H.2				•					
		6.H.7	6.H.7		•	•	•					
	6.F.3	6.H.8	6.H.8				•					
	6.F.4	6.H.9	6.H.9					•				
VII. Heating and Air-Conditioning		7.A.1	7.A.1						•			
	7.B.1	7.B.1	7.B.1						•			
	7.B.2	7.B.4	7.B.4						•			
	7.C.1	7.C.1	7.C.1						•			
			7.C.3					•				
		7.D.1	7.D.1					•	•			
		7.D.3	7.D.3					•				
		7.D.4	7.D.4					•				
	7.D.1	7.D.6	7.D.6						•			
	7.D.2	7.D.7	7.D.7						•			
VIII. Engine Performance		7.D.8	7.D.8					•				
	8.A.6										•	
		8.A.10	8.A.10					•			•	
	8.B.1	8.B.1	8.B.1								•	
			8.B.7					•				
		8.C.1	8.C.1								•	
		8.C.2	8.C.2								•	
		8.C.3	8.C.3								•	
			8.D.1								•	
		8.D.2	8.D.3								•	
		8.D.6	8.D.7								•	
		8.D.7	8.D.8								•	
		8.E.5	8.E.8								•	



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A complete NATEF learning journey

A **5-step** process that gives you everything you need to teach NATEF autotronics.

Knowledge lessons



Integrated Math and English Support

Preparation



1. Teacher **unit plans** that let you spend your valuable time teaching

Knowledge assessments



2. Digital content lessons to **reinforce a theoretical understanding** of the subject area

Skills lessons



3. Knowledge assessments that **test student understanding**



Air Conditioning Systems Panel Trainer

Auxiliary Systems Circuits and Troubleshooting Board



4. Hands-on activities for real-world practice using **clean, safe equipment** for the classroom



Starting and Charging Troubleshooting Board

Skills assessments



5. Skills assessments that **test student understanding**

Find out more! ➔

Automotive
Electronic
Circuits Board



Ignition and Charging
Systems Panel Trainer



Hi-tech clean automotive hardware

Our vehicle trainers are clean, safe and provide **real-world hands-on skills** in the classroom for automotive electronics, starting and charging systems, engine management and much more!



Lighting Circuits and
Troubleshooting Board



Anti-Lock Braking
Systems Panel Trainer



Hybrid Vehicle
Simulator

Complete Automotive Training Program

Autotronics is just one part of our **AutoLab program**. We also offer a range of sectioned trainers, and system and component rigs, to provide you with a complete NATEF-aligned automotive program.



FREE TRIAL!

Our Digital Library is filled with over 10,000 STEM lessons. To claim one month's **FREE** access, please visit:

ljcreate.com/demo



For more information on our range of learning resources, please contact:

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