

AUTOMOTIVE

Car Care and Minor Maintenance I*#

Study basic and general theories that will help you keep your car running better and longer. Discuss four main topics: how your car works, tools and their uses, how to maintain your car, and how to make minor car repairs. 27 hrs.

MAIN	T, 6:30-9:30 p.m.	5/20-7/15
AHT 128	Course No. 27079	\$55

Motor Vehicle Biodiesel Workshop*#

Biodiesel, an exciting renewable fuel that can be made from a variety of animal and vegetable oils, can be used in virtually any diesel engine without modification. In this course, participants produce about 30 gallons of biodiesel fuel while learning about its chemistry; the technology of the diesel engine; and the technical, environmental, and economic issues that will determine biodiesel's future as an alternative transportation fuel. 15 hrs.

MAIN	TW, 9 a.m.-4 p.m.	6/24-6/25
AHT	Course No. 27083	\$60

Motor Vehicle Hybrids Workshop*#

Motor vehicle hybrid technologies have quickly become the fastest growing segment of the automotive and light truck market. These systems include various strategies such as electric and diesel. This course focuses on the different types of systems and the critical service issues technicians face during normal maintenance. With these high-voltage systems, safety is one of the main issues, and mechanics need to be prepared when these vehicles arrive at their shops. 10 hrs.

MAIN	TW, 9 a.m.-3 p.m.	6/17-6/18
AHT	Course No. 27082	\$55

AVIATION

Private Pilot Ground School#

Prepare for the Federal Aviation Administration's written and oral exams. Learn about careers in aviation and obtain comprehensive knowledge of pleasure flying. Textbooks required. 72 hrs.

MAIN	MW, 6:30-9:30 p.m.	5/19-8/11
LE 217	Course No. 26278	\$60

BUILDING & CONSTRUCTION

Basic Electronics Technician*#

This lecture course teaches the fundamentals of series and parallel circuits; theory of current and voltage; and identification and use of resistors, capacitors, and inductors. Emphasis is placed on DC/AC circuits, components, operation of test equipment; and other related topics. Text: TBA. 72 hrs.

NORTH	TTh, 6-9 p.m.	6/24-9/11
AB 344	Course No. 24146	\$60

Building Standard Inspection Level I*#

For Building Level I code enforcement officials responsible for inspecting residential and small commercial construction (up to 20,000 square feet). Participants will have a better understanding of NC building, residential, and accessibility codes and be able to apply them in inspections. With the successful completion of the Building Level I and the Law and Administration courses, in conjunction with other education and experience requirements as specified by the NC Code Officials Qualification Board, participants will be eligible to take the Building Level I State examination for inspector certification. Texts required. 58 hrs.

MLBK	MW, 6-9 p.m.	5/19-7/28
	Course No. 26281	\$85

NORTH	MW, 6-9 p.m.	6/2-8/6
AB 322	Course No. 26282	\$60

New Class!

Construction Trade Math 101

This course will help develop mathematical skills for anyone entering or currently working in the construction field. Topics include whole numbers, fractions, decimals, conversion process, ratio and proportions, angles and triangles, volume and conversions. Students will need a calculator, notebook and required text: *Mathematics for Carpentry and the Construction Trade*, second edition. 30 hrs.

SAND	T, 6:30-9:30 p.m.	5/20-7/22
	Course No. 24968	\$80

Electrical Contractors' Exam Preparation*#

Study the codes to prepare for the NC Electrical Contractors' exam. Required texts: *Illustrated Guide to Electrician's Exam Preparation and National Electrical Code*, 2008 edition. 33 hrs.

SAND	W, 6:30-9:30 p.m.	5/21-7/23
	Course No. 24947	\$85
