



National Training Centers

Central Community College,
Columbus, Nebraska

Comm. College of Baltimore County,
Baltimore, Maryland

Comm. College of Southern Nevada,
Las Vegas, Nevada

Des Moines Area Community College,
Ankeny, Iowa

GateWay Community College,
Phoenix, Arizona

Gateway Community College,
North Haven, Connecticut

Ivy Tech Community College of Indiana,
Gary, Indiana

Ivy Tech Community College - Lafayette
Lafayette, Indiana

Kalamazoo Valley Community College,
Kalamazoo, Michigan

Lansing Community College,
Lansing, Michigan

Louisiana Technical College,
Baton Rouge, Louisiana

Madison Area Technical College
Madison, Wisconsin

Morton College,
Cicero, Illinois

Nashville Auto-Diesel College,
Nashville, Tennessee

New England Institute of Technology,
Warwick, Rhode Island

Northern Virginia Community College,
Alexandria, Virginia

Ohio Technical College,
Cleveland, Ohio

Onondaga Community College,
Syracuse, New York

Portland Community College,
Portland, Oregon

Ranken Technical College,
St. Louis, Missouri

Rio Hondo College,
Whittier, California

Shoreline Community College,
Shoreline, Washington

Tarrant County College,
Fort Worth, Texas

Travis Career Center,
Lakeland, Florida

University of Northwestern Ohio,
Lima, Ohio

Wake Technical Community College,
Raleigh, North Carolina

Wentworth Institute of Technology,
Boston, Massachusetts

York Technical College,
Rock Hill, South Carolina

National Alternative Fuels Training Laboratory

West Virginia University,
Morgantown, West Virginia



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Morgantown, WV 26508
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Equal Opportunity/Affirmative Action Institution

History of the National Alternative Fuels Training Consortium

Under contract with the U.S. Environmental Protection Agency, West Virginia University (WVU) started the National Alternative Fuels Training Consortium (NAFTC) in late 1992 to address the urgent need for training and support of alternative fuel vehicle (AFV) technicians in the field. WVU worked closely with the natural gas industry in conceiving the program. A Train-the-Trainers approach was adopted and courses were developed to teach alternative fuel vehicle technology to these trainers who then return to their institutions to conduct training. After receiving their initial training at West Virginia University, these trainers are supported with updated training, technical materials, training aids and on-line information through the NAFTC's web site. The audience for the program includes Vo-Tech instructors, Four-Year College and Community College faculty, fleet managers and technicians, instructors, government agency personnel, military support personnel, utility technicians, and anyone involved in alternative fuel vehicle development.

In 1995, WVU announced the addition of six technical training centers to the program to enhance dissemination of alternative fuels training materials and public education and awareness programs. Since that time, the program has expanded to include a total of 29 higher education institutions and approximately 70 Affiliate and Associate members in a formal training network now known as the National Alternative Fuels Training Consortium (NAFTC). The NAFTC currently operates through a network of National Training Centers (NTCs) in 26 states. Over 7,750 technicians have been trained, from industry, academic, and governmental organizations. The US Postal Service, the US Air Force, US DOE Clean Cities Programs, and private fleets are example users of training materials from the NAFTC. In addition, over 900 workshops and education/awareness events have been conducted, with over 200,000 attendees.

The NAFTC is headquartered at West Virginia University and conducts business under the auspices of the National Research Center for Coal and Energy. The NAFTC Headquarters and the National Alternative Fuels Training Laboratory are located in Morgantown, WV.

To foster its mission, the NAFTC seeks the involvement of educational institutions, fuel providers, equipment and parts manufacturers, industry, federal and state agencies, and professional, educational and training associations.

The basic NAFTC Train-the-Trainers courses include classroom time to learn fundamentals, videos, discussions, pre- and post-tests, and lab/shop activities. When in Morgantown, WV, a multi-bay automotive lab is used during training for demonstration, skills training, diagnostics, emissions testing and maintenance issues. A Repair Grade (RG) Dynamometer is used to demonstrate important automotive concepts as they relate to alternative fuels. New modules are developed to address specific topics in the evolution of the AFV industry.

The NAFTC programs tap the capability of its member National Training Centers and Colleges and Departments at West Virginia University, including the expertise of WVU's College of Human Resources and Education, College of Engineering and Mineral Resources, WVU Extension Service, and the National Research Center for Coal and Energy.