Moving toward a world class sustainable transportation program

Wilson Community College
And the

Lee Campus

- Approximately 11 acres and 43,000 square feet of existing buildings
- Empowers WCC to pursue new programs
- Provides for needed expansion of existing programs
- Will directly contribute to the revitalization efforts of the 301 corridor
Where we are...

- **Phase I**
  Environmental
- **Phase II**
  Environmental
- **$500k already allocated**
Existing Curriculum Programs

• AAS Degree programs now running in automotive technology
  – Every semester includes electrical/electronic training
  – Emphasis on engine/power-train diagnostics
  – Wilson CC has achieved certification as an authorized Snap-On diagnostic training center
  – 2nd year students completing courses in Sustainable Transportation this semester. (TRN-130, ATT-150)
  – Graduates will be competent in hybrid/electric, Biofuel and gaseous fuel systems
  – On-line training resources being utilized, goal to be paperless within 2 years
  – Goal: To be a residence program for students beyond Wilson
Diploma Programs

Diploma programs in Sustainable Transportation are now offered

• Diploma courses are being offered in two new areas;
  – Light Duty Diesel Technology
    » Including coverage of Diesel/Hybrids and Biodiesel
  – Alternative Vehicle Technology
    » Graduates will be competent in hybrid/electric, Biofuel and gaseous fuel systems
Continuing Education

- NC-DMV certification classes already running
- 1st Responder HEV classes already running (statewide) in partnership with Advanced Energy, Duke Energy & Office of the State Fire Marshall
- 1st Instructor/Technician Professional Development Symposia held June 14, 2012
- 2nd Symposia scheduled for April 24-25, 2014
- 8 & 16 hour custom training events in HEV, Biofuels & Snap-On diagnostics are available

Brand New!!! Chevy Volt Technical Training!!
A Career in the Car business:
The Rewards

• Excellent pay & job security
• Always in demand
• Every day is different
• Most days are interesting
• Employable anywhere
• Low level of supervision
• Many career paths including engineering, management, accounting & inventory
Tier 3 or 40-70-52.5;
The Numbers That Rule What We Do!

- 40 mg/mile (0.040) NOx (NO + NO₂)
- 70 mg/mile Hydrocarbons (0.070) (nmog)
- 52.5 MPG CAFE average by 2025

We Hit Our CAP!

Tier 3 is a game changer for technicians and for technician training
You are invited!

2nd Annual SUSTAINABILITY SUMMIT

“Expanding sustainable efforts and leadership to our community”

Please join us for the opportunity to network with like-minded people, and find sustainable options in our own community.

Date/Time/Location

Friday, April 25, 2014 • 8:30 a.m. - 3:00 p.m.
Wilson Community College • Frank L. Eagles Community and Business Center

Key Note Speaker

Ivan Urlab, NC Sustainable Energy Association
(The Future of Energy Supply: A New Business Model Emerging)

Who Should Attend

This event is designed for Community Citizens, Students, Business Owners, Industries, Schools, and City/County Government.

“The Planet, The People, The Economy, Community in a Climate of Change”

Summit will Include the Following:

• Sustainable Foods: Farm to Fork Programs
• Community Gardens and Markets
• Energy Innovations and Practices
• Reduce, Recycle, Reclaim, and Reuse
• Waste Energy Projects: Getting to Zero Waste
• Campus Tours
• Vendors

Organic Breakfast and Lunch:
Prepared by Wilson Community College’s Culinary Program

Sponsored in partnership by:
• Upper Coastal Plain CDG
• Wilson Community College
• NC Sierra Club Medoc Chapter
• Wilson Sustainable Community Council

Registration Fee: $20.00
(covers all classes, materials, meals, and snacks)

Register Online:

Interested in being a vendor or for more information contact:
Claudine LaBrake Sustainability Coordinator
(252) 246-1261 clabrake@wilsoncc.edu
Presentation by John German, currently Senior Fellow at the International Council on Clean Transportation. John played a crucial role in the development of the Honda IMA Hybrid System. John’s presentation, relevant to automotive & heavy equipment, will be followed by a Q&A session.

Bio: John German’s focus is on technology innovation and U.S. policy development. Mr. German has been involved with advanced technology and efficiency since joining Chrysler in 1976, where he spent 8 years in Powertrain Engineering working on fuel economy issues. He then spent 13 years doing research and writing regulations for EPA’s Office of Mobile Sources’ laboratory in Ann Arbor, MI, followed by 11 years as Manager of Environmental and Energy Analyses for American Honda Motor Company. Mr. German is the author of a variety of technical papers and a book on hybrid gasoline-electric vehicles published by SAE. He was the first recipient of the Barry D. McNutt award, presented annually by SAE for Excellence in Automotive Policy Analysis. He has a bachelor’s degree in Physics from the University of Michigan and got over half way through an MBA before he came to his senses.

John’s visit is sponsored by Triangle Clean Cities & The Wilson Community College Foundation.
Thanks for your kind attention!

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