Ricky Willingham
Director of Workforce Development

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You may also contact my assistant Ms. Nell Hambrick at 256.427.5701 or nell.hambrick@drakestate.edu for additional information.

Our Graduates Work
The Renewable Energy Institute of North Alabama is a consortium of industry and educational partners providing quality training by local professionals trained and certified in renewable energy curriculum. The courses are designed to prepare participants for certification by national certifying boards. Drake State will also issue certificates of completion for each of these classes and provide information on careers in renewable energy in north Alabama.

<table>
<thead>
<tr>
<th>Type of Training Course</th>
<th>Hours</th>
<th>Cost</th>
<th>Prerequisite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Energy Efficiency and Conservation</td>
<td>8</td>
<td>$225</td>
<td>None</td>
</tr>
<tr>
<td>Introduction to Geothermal Systems</td>
<td>16</td>
<td>$595</td>
<td>None - required for trainees without prior HVAC experience</td>
</tr>
<tr>
<td>Geothermal Systems Installation and Maintenance</td>
<td>16</td>
<td>$595</td>
<td>Heat pump experience or Introduction to Geothermal Systems</td>
</tr>
<tr>
<td>Solar Photovoltaic Systems Installation and Maintenance</td>
<td>40</td>
<td>$1,295</td>
<td>Basic math skills and electrical experience</td>
</tr>
<tr>
<td>Solar Thermal Systems (Hot Water Heaters) Installation and Maintenance</td>
<td>40</td>
<td>$1,295</td>
<td>Basic math skills and electrical experience</td>
</tr>
</tbody>
</table>

Trainees completing the Solar Thermal Installation and Maintenance Training will be prepared to take the North American Board of Certified Energy Professionals (NABCEP) Solar Thermal Installer Certification Exam. Trainees completing the Solar PV Installation and Maintenance Training will be prepared to take the North American Board of Certified Energy...
Certified Nursing Assistant (CNA) Training

Cost $600
Scheduled Dates are:

<table>
<thead>
<tr>
<th>2012</th>
<th>April 2nd – 13th</th>
<th>July 2nd – 16th</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 3rd – 17th</td>
<td>April 16th – 27th</td>
<td>July 17th – 30th</td>
</tr>
<tr>
<td>Jan. 18th – 31st</td>
<td>April 30th – May 11th</td>
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<tr>
<td>Feb. 1st -14th</td>
<td>May 14th – 25th</td>
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<tr>
<td>Feb. 15th – 28th</td>
<td>June 4th – 15th</td>
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<tr>
<td>March 1st – 14th</td>
<td>June 18th – 29th</td>
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</tr>
<tr>
<td>March 15th – 28th</td>
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</tbody>
</table>

Class Format: 10 Day program, Monday – Friday from 8 am – 5 pm on the Drake State Main Campus (3421 Meridian Street) Rm. 517.

Requirements: You must obtain proof of a TB Skin Test & Hepatitis Series B Immunization tests from your physician or health clinic. Proof of current CPR Certification is also required.

Cost: Program cost is $600 with payment due to the Business Office. * Building Fee is subject to change based on approval by the Alabama Department of Education. Other costs may be associated with this program.

Fast Track
8 hours per day for 10 days
Monday-Friday 8:00 am till 5:00 pm
At 3421 Meridian Street, North, Huntsville, AL 35811
You Must provide proof of the following upon registration:

- TB Skin Test
- Hepatitis B Series
- CPR – Adult/AED

Books, Uniforms of white scrubs and patch must be purchased.

To Enroll or for more information:

Contact- Jan Hyman – 256-551-3156

Cost of the program: **Tuition Cost will go up January 2012 to $570**

+ **Liability Insurance of $30 for a total cost of $600.**

In addition you will have the following expenses:

1) Uniforms – white scrub tops and bottoms worn second week of class, on Tue., Wed. & Thurs.

2) Current CPR certification – through the American Heart Association (Heartsaver with AED) or American Red Cross (CPR with Adult AED).

3) Proof of current TB skin test.

4) Hepatitis B vaccination series – may have to pay out of pocket for that.

5) NAS emblem to be sewn on the left sleeve of the uniform – available at Drake bookstore at $5.40 each.

6) White walking or running shoes, white socks.


Upon successful completion of our course, you will be eligible to take the state board exam at an additional cost of **$100** that will provide you with the title of Certified Nurse Assistant (CNA).

75% of the tuition will be refunded to the applicant if the applicant withdraws within two business days before start of class. If the student does not show up for class, they may apply for a 50% refund provided the application is made in writing within three days of starting the class. Refunds will not be issued after that.

Financial Aid will not pay for this class.
The CompTIA A+ certification course is an Essential computer repair course leading to certification in the computer technology field.

This 48 hour course is scheduled to begin on April 6, 2012 and will end on May 12, 2012.

The cost for this six week course is $900.00 (textbook included).

Day & Time:

Friday’s
1:00 p.m. – 5:00 p.m.

Saturday’s
9:00 a.m. – 1:00 p.m.

For more information about the CompTIA A+ Certification course, contact Ricky Willingham, director of Workforce Development, at ricky.willingham@drakestate.edu or 256.551.5219 or Nell Hambrick, at nell.hambrick@drakestate.edu or 256.427.5701 or visit our website drakestate.edu.
The North American Technician Excellence Certification is now available at Drake State. Beginning January 18, 2012, interested participants can achieve certification in the following areas:

- Air Conditioning
- Air Distribution
- Air-to-Air Heat Pumps
- Gas Furnaces
- Oil Furnaces
- Hydronics Gas
- Hydronics Oil
- Light Commercial Refrigeration
- Commercial Refrigeration
- Ground Source Heat Pump Loop Installer
- HVAC Efficiency Analyst (Senior Level)

The first test will be January 18, 2012 from 4pm-6pm at the cost of $165. Class size is limited. For additional information contact Ricky Willingham at ricky.willingham@drakestate.edu or call 256.551.5219.
Field Programmable Gate Arrays (FPGAs) provide an alternative solution for technicians and engineers looking to implement digital logic. FPGA basic structure can be modified a virtually unlimited amount of times to perform a multitude of different missions by reconfiguring the hardware through software. This workshop provides an introduction to designing with Xilinx FPGAs using ISE development software tools. The workshop will allow all attendees to work towards successful implementation of teaching digital logic with FPGAs.

WHO SHOULD ATTEND?
Anyone new to FPGAs or Xilinx technology and who desires to develop basic skills in Digital Design.

PREREQUISITES
Knowledge of basic digital design logic

SKILLS GAINED
After completing this training, attendees will be able to:
• Describe the general FPGA architectures and the design flow
• Interface between Xilinx software and Nexys2 FPGA Board
  System Verification and Troubleshooting
• Hands-on labs

Cost
The cost for the course is $499 and includes NEXYS2 Development Board, software, and instructional materials.

Next Course Offering
Spring 2012
Total of 8 hours

For more information please contact:
Karl Henry at 256.551.1709 or
Email: karl.henry@drakestate.edu
Beginning February 7, join the CNC Plasma Cutting Course at Drake State!

The class is 48 hours of instruction, where students will learn to cut sheets of steel on a Torchmate CNC plasma cutter. The course will cover basic computer operating skills, basic computer-aided design (CAD) skills, basic computer numerical control (CNC) theory and practice, machine/computer interaction, and proper safety procedures. Students will have a mixture of classroom study and exercises, plus lots of hands-on use of the equipment.

The class will begin February 7, 2012 through March 15, 2012. It will be every Tuesday and Thursday from 5pm-9pm at the cost of $800. Class size is limited. For additional information contact Ricky Willingham at ricky.willingham@drakestate.edu or call 256.551.5219.
Workforce Development
Now Offering
Courses in Etiquette, Image, and Protocol

Introducing New Non-Credit Courses:

Appropriate Business Etiquette
Handling A Business Meal
Proper Customer Service
Dining Etiquette
Event Protocol
Proper International Protocol
Enhancing Social Skills
Obtaining An Excellent Image

Courses to be taught by Certified Etiquette, Image, and Protocol Consultant, Faith Landers

For additional information contact Ricky Willingham at ricky.willingham@drakestate.edu, call 256.551.5219 or visit www.drakestate.edu
The Certified Culinary/Hospitality Assistant course will provide training to meet the immediate needs of entry level positions for existing culinary and hospitality businesses.

The course is 20 non-credit hours and the cost is $100.

For additional information contact Ricky Willingham at ricky.willingham@drakestate.edu or call 256.551.5219.
Pearson VUE provides various services from test development to data management, and delivers exams through the world’s most comprehensive and secure network of test centers in 165 countries. Pearson VUE is a business of Pearson (NYSE: PSO; LSE: PSON), the international education and information company, whose businesses include the Financial Times Group, Pearson Education and the Penguin Group.

To schedule an exam go to http://www.pearsonvue.com or contact Ricky Willingham, director of Workforce Development, at ricky.willingham@drakestate.edu or 256.551.5219 or Nell Hambrick, at nell.hambrick@drakestate.edu or 256.427.5701.
J. F. Drake State Technical College can prepare you to be Career Ready with a FREE Workforce Development course which includes:

**WorkKeys Certification**
- Reading for Information
- Applied Mathematics
- Locating Information
- Earn the Alabama Career Readiness Certificate

**AIDT Training**
- Workplace Ethics
- Computer Training
- Manufacturing
- Job Search
- Problem Solving
- Earn the Alabama Certified Worker Certificate

The eight week session meets Monday, Wednesday, and Friday from 9:00 am - 1:00 pm at the J. F. Drake State Downtown Instructional Site located at 228 Holmes Avenue, Huntsville, Alabama 35801. Transportation may be available. To register, contact Ricky Willingham at 256.551.5219 or 256.698.3961 or Nell Hambrick at 256.427.5701.

**Upcoming Sessions:**

**2011**
- August 24 – October 21
- November 2 – December 23

**2012**
- January 6 – March 2
- March 14 – May 11
- May 23 – July 20