

# Integrity from Dr. Leber

By: Michael Fraysier X18



principled, and honest. They have a reputation for doing what they say they are going to do and have the courage to do the right thing in spite of popular negative trends or personal sacrifice.

"The Apprentice School is expected to produce individuals with a strong sense of integrity," Dr. Leber adamantly states. Instilling integrity is important to the individual in that it helps him or her to maintain good relationships, a mainstay of business. Northrop Grumman, as well, benefits from integrity in action because thousands of lives

"We all like good working relationships and actively seek them out," according to Dr. Leber. At the root of all good relationships is trust. Individuals with a strong sense of integrity provide the nurturing soil necessary for trust to grow. Individuals with integrity are reliable,

"When at some future date the high court of history sits in judgment on us - recording whether in our brief span of service we fulfilled our responsibilities to the state - were we truly men of courage...were we truly men of judgment...were we truly men of integrity...were we truly men of dedication?"

-John F. Kennedy 10 Jan 1961

**Great Company Great Products Great People Great Results**

## O22 Apprentice Instructor Garry Carter

By David Nicholas X06



**"Set high moral values for yourselves and never let anything cause you to compromise them."**

The Apprentice School's faculty of Academic Instructors is noted for their level of higher education and diverse backgrounds of experience. It is that quality that ensures apprentices will receive a well rounded knowledge base throughout the curriculum's coursework. This month, "Great People" focuses its attention on Garry Carter, a lifelong student and teacher who brings his passion for education to the staff here at The Apprentice School.

Garry was born and raised in Roanoke Rapids, NC. He graduated from Roanoke Rapids High School in 1982 and immediately continued his education at

East Carolina University (ECU). Coming from a family of farmers and other blue collar workers, Garry developed good mechanical sense and a love for labor, but he was the first in his family to attend college. However, he admits, "Mom and Dad were my support structure through college. They stood by me, continuously encouraged me, and provided the moral basis that helped guide me while I was on my own." All that support paid off. While holding down four part time jobs, Garry managed to earn his Bachelor's Degree in Math and Science Education. After graduation, he found himself teaching high school in Green County, NC, while also enlisted in the Army Reserves.

Garry's life took another positive turn when he married his girlfriend, Heather, whom he met while at ECU. "She has really been the driving factor in me becoming the person I am today," exclaimed Carter. In 1989, the couple moved to Poquoson. Garry began a twelve year career teaching math for Hampton City Schools. While teaching in Hampton, Garry and his wife added three children to the family. As the kids began to grow, Garry became more involved in his community, leading Boy Scouts, coaching youth sports and serving his church. He also pursued his Master's Degree with University of Virginia's satellite program in Virginia Beach, which he completed in 1999. In 2002, Garry transferred to Newport News City Schools, teaching math at Woodside High School.

**In-teg-ri-ty – n. 1. Strict adherence to a standard of value or conduct. 2. Personal honesty and independence. 3. Completeness : unity. 4. Soundness.**

can be affected by one dishonest act if the commission results in a loss of credibility, or worse yet a disaster. In addition, the reputation of The Apprentice School and its alumni could be tarnished if the person who acted dishonestly is associated with the School.

Dr. Leber has observed that there is no grading scale to measure precisely the integrity of an individual. It is either pass or fail; every graduate needs to pass to be successful in the Shipyard. He notes that studies indicate that those who cheat in the classroom are more likely to behave dishonestly on the job. At The

Apprentice School, he states, "There is absolutely no room for dishonesty of any type." He urges all to treat the matter of unethical activity, both small and great, in the same light as an individual looking up into the eyes of a heart or brain surgeon who has cheated his or her way through medical school.

He recommends that individuals do the right thing at all times and keep in mind that there are no secrets in this world. If a person does something of a dishonest nature, the action will eventually come to light. Trust takes time to build yet can come crashing down quickly. The best course for a person is to establish and maintain a reputation for being trustworthy since trustworthiness is a basic characteristic of people of integrity, and it is the basis of all good working relationships, a necessity in the business world as well as in personal lives.



In 2004, he joined the team at The Apprentice School. He was hired as a math instructor and now also teaches DC Theory. Garry's duties include delivering instruction to apprentices in the classroom and providing extra assistance, both academically and personally, if needed. He is responsible for attending training conferences and is leading one of The Apprentice School's CPAP committees. In addition, he works with special learning needs apprentices and was recently promoted to Supervisor of Academic Instructors.

Garry is still setting his goals high. He is currently working on his Doctorate's Degree in Higher Education Administration at Regent University. Concerning his professional goals, he said, "I want my career path to put me in position to help make decisions regarding the direction of The Apprentice School. In the short time I've been here, The Apprentice School has become dear to my heart and I want to be able to help preserve everything that it stands for."

Garry has been highly encouraged by The Apprentice School's faculty as a whole, both by Academic and Craft Instructors. He commented, "They have been the most professional group of people with which I've been associated. They set the standard that anyone walking through the door must live up to." Garry offered the following words of encouragement to current apprentices, "Set high moral values for yourselves and never let anything cause you to compromise them. Keep your dreams in perspective and always strive to

do your best. The quality of your work and your ethics come to define who you are as an apprentice and as a person."

In his personal time, Garry enjoys being with his family. He loves the outdoors, fishing, hunting and camping. He also makes a hobby of household projects and confesses that he can't help spoiling his wife. Garry Carter is living up to the standard set forth at The Apprentice School. He has a passion for serving others and helping students solidify their educational and career goals. Garry is another one of The Apprentice School's "Great People."



## THE FOUNDRY: PART 1 OF 4

**SUBMIT INQUIRIES TO  
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Over the course of the next four bulletins, I will be taking a leap back into the history of Northrop Grumman Newport News. I will be going back to the days when it was called the Chesapeake Dry Dock & Construction Company. I will be discussing a portion of the shipyard that very few people are familiar with. To many seasoned shipbuilders, it is referred to as "Neverland." The tunnel under Washington Avenue is all that separates this section of

the shipyard from the hustle and bustle of the shops, assembly platens, and dry docks. This area has a history that dates back further than the Apprentice School itself. Its true name is The Newport News Foundry.

Many shipbuilders do not know that here at NGNN, the Foundry, produces a large portion of the plate and cast material that is installed onto the ships built inside our gates. Though its history dates back prior to the turn of the 19<sup>th</sup> century, history truly began to take shape on January 4, 1899, when the foundry owned by Hugh and William Caskey was destroyed by fire. The Caskey's proposed two contracts to the yard concerning the burned-out foundry. The first offer was for the yard to pay the Caskeys to build a new and improved

foundry. The second offer was for the shipyard to buy the building outright. The yard rejected both of the Caskey brothers' offers. In light of these events, the Caskeys' rebuilt the facility on their own and kept the business afloat with short-term contracts for the next two years. However, when W.A. Post, a civil engineer working for the yard in 1900, complained to the shipyard management about the excessively high prices and constant unreliability of the Caskey Foundry, the brothers eventually decided to close the doors for good in February 1901, leaving orders of 375 unfinished castings.

Over the course of the next two years, the shipyard was dissatisfied with the work that was being received from contracted foundries. This led to the decision to purchase and rebuild

the old Caskey Foundry. On February 10, 1902, the yard purchased the holdings from the Caskeys. Only a few months later on July 7, the yard purchased a small brass plant formerly operated by S.J. Wright. With these movements, the Newport News Shipbuilding Foundry was born.

**ASK THE BUILDER**



## F.I.R.S.T. ROBOTICS COMPETITION

By Kevin Bond O43E Craft Instructor

The Apprentice School supported an interesting endeavor this winter at Phoebus High School, the F.I.R.S.T. (For Inspiration and Recognition of Science and Technology) Robotics Competition (FRC). FRC is an international organization whose goal is "To create a world where science and technology are celebrated... where young people dream of becoming science and technology heroes" according to founder Dean Kamen, an accomplished inventor. FRC begins with a series of regional events where students across the country compete in several contests: robot design and build, the central and main event, as well as 3D modeling, 2D drafting, and animation. Winners from each of the regional contests can then go on to compete at the championship in Atlanta, Georgia.

What makes FRC unique is that each team has mentors from electrical and mechanical engineering fields. The students themselves come up with designs and make the engineering decisions. The mentors work with the teams as advisors and teachers.

Early in the school year Don Williams, the robotics instructor for Phoebus High School, began soliciting for team mentors for the robot design and build contest. Three

institutions responded: The Apprentice School, Lockheed Martin, and Craft Engineering. From The Apprentice School, Craft Instructor Kevin Bond participated as a mentor contributing more than 110 hours of compensated and volunteer time.

The team started in the fall of 2006 by examining the previous years winning robots not knowing what this years challenge would be. The contest kicked-off on January 6, 2007 with a presentation of the FRC 2007 contest challenge and rules. Students and mentors could then begin the six week process. This year's challenge gave the students three options: pick up a normal size pool tube and place it on "the rack," lift another 120 pound robot, perform a defensive function to protect against the first two, or perform any combination of all three features. This was FRC's most challenging event ever. After many late nights the robot shipped on February 20, 2007. Phoebus Robotics competed in the NASA/VCU regional in Richmond on March 1-3, 2007. Placing fifth out of 66, Phoebus Robots competed in the finals where they placed 7th. This is quite the accomplishment for a rookie team. Congratulations are due for this and every team that competed at FRC for their hard work and dedication.



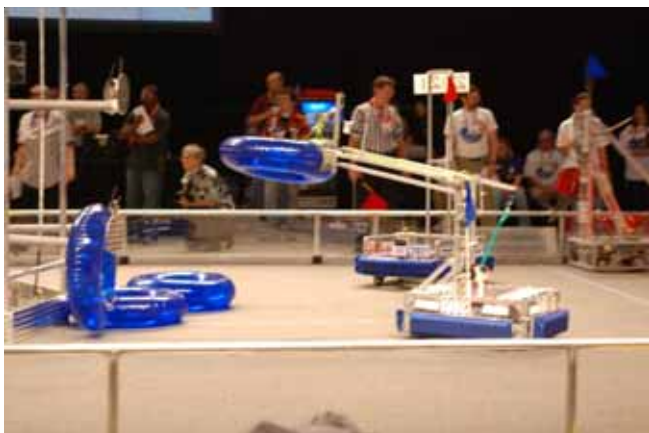
Phoebus Robotics Team



"The RACK"



Craft Instructor Kevin Bond



The ROBOT



"Students hard at work"



## SPOTLIGHT

### Charles Owusu X06 Apprentice Planner

By David Southall

Recently, I interviewed Charles Owusu, an O45 Maintenance Planning Apprentice in his final placement/rotation. Charles began his apprenticeship on October 6, 2002 as an O43 HVAC (heating, ventilation, and air conditioning) Apprentice. When asked what inspired him to investigate The Apprentice School, Charles' response was simple and straightforward. He had a strong desire to learn a trade, gain an education, earn money, make a comfortable living, and wrestle.

Charles began his first rotation in O43E Electrical Construction with an apprentice crew for his initial 6 months. He continued his apprenticeship with O43H. Once he moved into the Advanced Track/Degree Program of his apprenticeship, he began a rotation with Department X06, which is the Production Planning sector. He feels very privileged to have experienced five of Northrop Grumman's unique programs. He completed a rotation in the Virginia Class Submarine (VCS) program, Dept. X87. From there he moved to the CVN21 program, Dept. X89, planning for the new class of

aircraft carriers. After CVN21, he rotated to the O45 Maintenance Planning Program. He was then moved to the M30 Sheet metal Shop Planning, then to X75 Carrier Overhaul Planning. After experiencing a large spread of the advanced programs in the shipyard, Charles has finally landed back in O45. The parts about his current job that he enjoys the most are the people, the customers, the teams, supervisors and co-workers. "I am tremendously blessed to have an engaged, cooperative, supportive, understanding, and helpful supporting cast."

When asked what the largest hurdle he had to overcome was, Charles replied that his apprenticeship has been relatively worry and obstacle-free. He stopped short of saying it was completely worry free though. Charles noted that his own poor habits, flaws, and shortcomings were the largest obstacle he has overcome. He states "I take control because I realize that I am my own worst enemy, and that when it comes down to it, if I remain determined, no one can stand in my way other than myself. I accept responsibility and take ownership of my choices and the results." Just a few words of potent advice from a seasoned apprentice.

I asked Charles if there was any one faculty member who had made a lasting impression on him. He responded that Michael Clayton, his Apprentice wrestling coach for his first two seasons at the Apprentice School. "I learned so much from him. I learned 'mental toughness' techniques to condition the mind to bear seemingly impossible or uncomfortable situations. I learned that I can push myself, both mentally and physically, far beyond what I had ever previously believed possible and be highly successful in doing so. It was all about 'breaking through the wall' and living outside of the 'comfort zone.' The biggest lesson I learned from Coach Clayton was that I deserve nothing, and must earn everything. Besides, the things that are earned are much more fulfilling and gratifying. I have learned to never rest on my laurels and never stop reaching towards greater goals, to willfully take on full responsibility and accountability. Since then, I have been able to incorporate those lessons into my daily life.

Charles eventually plans to become a teacher, but the horizon is bright and endless. He says his goals are indefinite between now and then.

APPRENTICE

## USS George H. W. Bush Trivia

By Shakirah Harrell

1. The USS George H. W. Bush was christened on \_\_\_\_\_ in 2006.
2. On \_\_\_\_\_ the CVN 77 Contract was awarded.
3. \_\_\_\_\_ was the 41st President of the United States of America.
4. There are \_\_\_\_\_ miles of cable and wiring and nearly \_\_\_\_\_ light fixtures onboard CVN 77.
5. The USS George H.W. Bush stands \_\_\_\_\_ above the waterline with a \_\_\_\_\_ acre flight deck.
6. \_\_\_\_\_ was the amount of structural steel that was required to build the USS George H.W. Bush.
7. \_\_\_\_\_ and \_\_\_\_\_ are the three motto's of Apprentice School.
8. Having over 100 \_\_\_\_\_ Apprentices was a milestone for the school in 2006.



## Harrell's Highlight

By Shakirah Harrell

This month I wanted to highlight some of the comic shipyard "U knows." The shipyard folklore you've probably heard the old-timers tossing back and forth, laughing hysterically as they pass the time on the job. They're not 100% true but doggone if they aren't funny.

- U know there's never a job too hot to work even if a 125 degree temp stick melts in your pocket before you can get to the job.
- U know without a doubt there's never a job too cold even when your hand freezes in the shape of your grinder.
- Most company's have mottos such as, "Got time to lean, got time to clean." The shipyard goes by the motto "if it's wet, it must be sweat."
- U know whenever you get caught in a relaxed position just look up and say, "Amen!"
- U know you see a lot of old-timers limping around the yard until the whistle blows at 3:30, then they're moving like Sugar Ray Leonard.
- U know that if you drink the water from the drinking fountains you're going to retire from this place.

These were just a few of the shipyard "U knows." Next time you're on the job and you're getting frustrated that things just don't seem to be going your way, you can toss a couple of these at your mate to lighten things up.

### YOUR BUILDER BULLETIN TEAM IS:

Eric Kilner, E06/E64 (Editor, Publications Chair) – David Nichloas, Jr. X06 (Co-Chair) – David Southall X18 – Shakirah Harrell X18 – Michael Fraysier X18

Answers: 1. Oct. 7, 2006 2. Jan 26, 2001 3. George H.W. Bush 4. 1600 and 30,000 5. 20 stories and 4.5 acres 6. 47,000 tons 7. Head, Heart, and Hand 8. females





## BUILDER BULLETIN BOARD

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The ASSA is interested in finding a used cargo/concessions trailer at least 7' X 12' for THE ASSA Athletics Committee

CONTACT GREG BONE AT (757) 784-5465 OR [Donald.G.Bone@ngc.com](mailto:Donald.G.Bone@ngc.com)



Even though the temperatures have taken a dip it's never too cold to get a smoothie from Smoothie King!

Every Wednesday night (that's tonight!) from 5 - 7 pm between now and the end of March, a portion of sales for the evening will go to the Red Cross Heroes campaign!

So please, stop by Smoothie King, 2040 Coliseum Dr Ste A13 in Hampton, say hi to the staff and support your fellow Heroes!

## "THE SWAMP!"



DO YOU LIKE CRAWLING THROUGH MUD AND STALKING YOUR FELLOW APPRENTICES JUST TO BLAST THEM IN THE GUT WITH HIGH VELOCITY ENAMEL PROJECTILES?

APRIL 28th THE APPRENTICE SCHOOL IS HOSTING ITS ANNUAL PAINTBALL TOURNAMENT AT THE SWAMP IN GLOUCESTER.

THE COST IS \$20 A TICKET AVAILABLE FROM JUDY HESTER IN THE APPRENTICE SCHOOL FRONT OFFICE. PAYROLL DEDUCTION IS AN OPTION.

LUNCH WILL BE FURNISHED - BRING YOUR OWN DRINK.

TICKETS will go ON SALE MARCH 26th. THERE ARE ONLY 100 AVAILABLE FOR PURCHASE and TICKET SALES ARE OPEN TO MEMBERS OF THE NHCOP AS WELL.

HURRY UP AND GET YOURS BEFORE THE EVENT IS SOLD OUT! HOPE TO SEE YOU THERE!

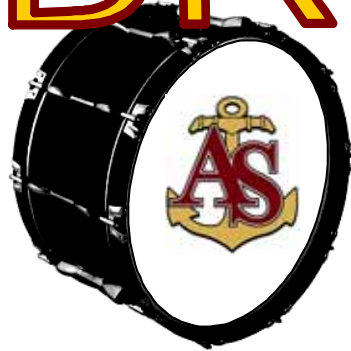
## RAFFLE TICKETS ON SALE!!

The Apprentice Jaycees are working in conjunction with The Virginia Jaycees to sponsor its annual Camp Virginia Jaycee - Race for the Camp Fundraiser. Tickets are \$5.00 each or 5 for \$20.00. First place will be two NASCAR Tickets to the Nextel Crown Royal 400 Race "Under the Lights" on Saturday, May 5, 2007 at Richmond International Raceway!! Second place is a \$150 gift certificate to Target and Third place is a \$50.00 gift certificate to Outback Steakhouse. The drawing will be held on Sunday, April 22, 2007.

Contact Kareem Solomon at [kareem.solomon@ngc.com](mailto:kareem.solomon@ngc.com) or (757) 660-9284. All donations to the Camp are Tax Deductible!!



## APPRENTICE SCHOOL DRUMLINE



### INTERESTED?

Seeking Apprentices, Apprentice Alumni, and Faculty with marching experience!



ALSO SEEKING THOSE WITH MUSIC EXPERIENCE WHO ARE WILLING TO LEARN!

SERIOUS INQUIRIES PLEASE. MUST BE WILLING TO COMMIT TO AN AFTER WORK PRACTICE SCHEDULE.

CONTACT GREG BONE FOR MORE INFORMATION:  
[realbone@verizon.net](mailto:realbone@verizon.net)

## BUILDER BULLETIN COMMENTS AND INFORMATION

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### GO BUILDERS!

