

Precision Machining student first in nation Huntington no stranger to excellence in CTE

The combination of machinery and mathematics' knowledge, a strong work ethic and hours of practice produced an Area 18 CTE national champion in Precision Machining at the 49th annual "National Leadership and Skills Conference."

Brandon Burnworth, a straight A student and 2012 Huntington North graduate, finished first in a field of 41 contestants at the rigorous two-day competition, and became a national winner - the sole first place winner from Indiana.

During his 31 years in education, precision machining teacher Mick Jarrett says he has

always believed that all students should have a marketable skill when they leave high school. He says he tries to be an advocate for all students.

"I look at my job as I'm here to teach a student a skill so that these students can become productive and responsible citizens instead of being a burden to society," Jarrett said.

Jarrett co-sponsors

a "NE Indiana Machine Challenge" in the spring where students are introduced to local industry leaders

who watch them in competition, review their applications, and have a chance to meet and talk over job prospects.



BRANDON BURWORTH, CENTER FRONT, PLACED FIRST IN NATIONALS - THE ONLY STUDENT FROM INDIANA TO DO SO.

✓ REALITY CHECK

POSSIBLE OCCUPATIONS

Machinist - \$31,828
Electrical Eng. - \$56,745
Industrial Eng. - \$56,587
Boilermaker - \$59,944

CLASSES at HNHS

Precision Machining I, 3 cr.
Precision Machining II, 3 cr.

COMPETITIONS

* SkillsUSA, Indiana
* NE Indiana Machining Contest

"Companies like ours are desperate for students who can come out of school with the ability to use precision machines. And they can be hired right out of high school if they do."

- HR and Safety Director
Richard Taylor,
Delaware Dynamics

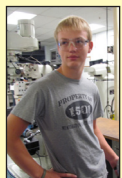


A career choice in manufacturing may be in the future for senior Brandon Satterthwaite, who is currently in his second year of Precision Machining at Huntington North High School, as is senior Matt Caley, who hopes to eventually get a job working with engines. Huntington North offers a full day of classes in Beginning and Advanced Precision Machines.



TYLER SPOONMORE
MACHINING I

An after-school Robotics Club is an activity that supports the education students like Tyler Spoonmore learn in Machining I.



ROGER JONES
MACHINING I

Senior Roger Jones is in first year machining, and says he will use the skills he is learning when he leaves to begin his enlistment in the U.S. Navy on Aug. 14.

CEO sees needs in industry

Machine design.com / Oct. 2012

"As CEO of MFG.com, I speak with owners of job shops every day about their businesses. The good news is that they are busy and most say they have plenty of work. In fact, many report they are turning away customers -- customers who would like to bring offshore manufacturing work back to the U.S. Why are they turning away potential business and not creating jobs that the U.S. badly needs? Because they cannot find enough skilled machinists, toolmakers, and fabricators."

"This will not come as a surprise to anyone in the manufacturing industry, but we have an across-the board shortage of skilled manufacturing talent in the U.S."

- Mitch Free, CEO MFG.com, Atlanta, GA



Retired skilled manufacturing volunteers travel from nearby Fort Wayne to help Precision Machining teachers Jerod Dailey, South Adams; and Mick Jarrett, Huntington North, launch the first Machining Challenge in the spring of 2012. Volunteers were committed to helping attract and instruct young people to the various careers that are available following high school graduation.