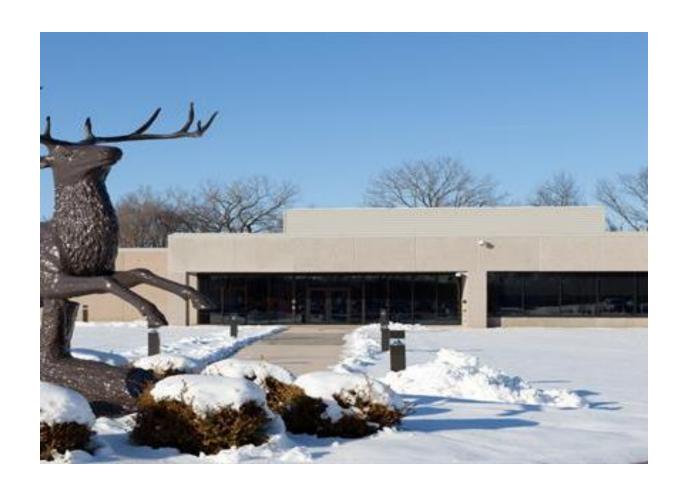


# Black Hawk College and John Deere: Building on a History of Working Together.

- Dr. Thomas Baynum, President of Black Hawk College
- Dr. Bettie Truitt, Vice President of Instruction
- Jon Lambert, Professor Emeritus
- Lee Blackmon, Engineering Technology Faculty
- Scott Webster, John Deere Training Coordinator



John Deere's Worldwide Product Development Center for Seeding and Harvesting

## History – Since 1978

- John Deere approached BHC 35 years ago with a concept to develop and train top grade experimental test technicians, with an employee designation of Experimental Grade – Level 13 better known as: X- 13.
- Individuals for training came directly from the John Deere production lines.
- BHC was asked to train 6 10 of these individuals annually.
- Program length was 45 credit hours.

- In 1990 a 2 year, minimum 64 credit hour AAS
   Electromechanical Technology degree was developed to meet the need for advanced training.
- In AY 2013, 60 John Deere employees were enrolled in at least one course.
- Currently in AY 2014, 72 John Deere employees are enrolled in fall courses with 30 – 45 anticipated for spring.
- BHC is moving towards the creation of an Experimental Technology Certificate.

#### It Gets Technical



Hydraulics and Pneumatics
Logic Systems I and II
Engineering Materials

Fundamentals of AC Power
Mechatronics I and II
Statics & Strength of Materials

### Components of the Partnership

- John Deere technicians can now be the technical experts for new product testing in the field – worldwide.
- "Learn to Earn" Employees receive monetary increases based on the number of approved BHC courses completed.
- Highly motivated students and employees with broader skillsets.
- Resource sharing and access to cutting edge instructional equipment.



 Future Focus: Anticipating the educational needs to meet the demands of new and changing technologies.



 Providing the expertise, facilities, and equipment to meet these needs.



 Provide flexible, world-class programs and curriculum, on-demand to support the needs of industry and employees earning up \$28/hr.



From "Learn to Earn" to "Learn to Burn"

## **BHC Non-Credit Welding**

- Developed 10 years ago from a direct request by John Deere.
- Non-credit, 140 hour program, 20 hrs/wk, 7 weeks.
- \$1810
- In 2013 we have held 15 sessions, served 174 students with 2160 instructional contact hours.
- Area employers have stated that 70% of their new welding hires come directly from this program.
   Many of these employers regularly attend welding graduations.



• 97% of our graduates pass the employers preemployment welding test the first time.



- Two of our most recent welding graduates
- It's not just for the guys anymore.



#### The Future

- Growing opportunities
- Growing Business
- Working Together