

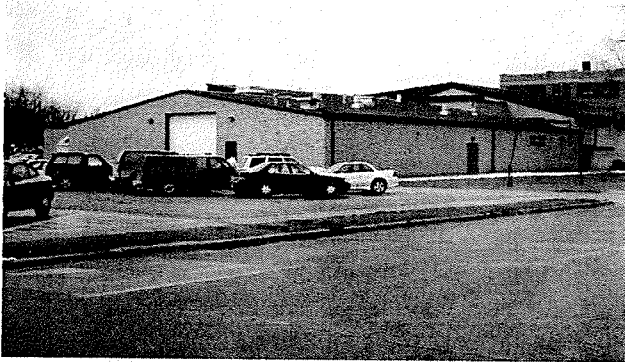
Pocahontas Area Community School District Proudly Features its Award Winning Technology Program



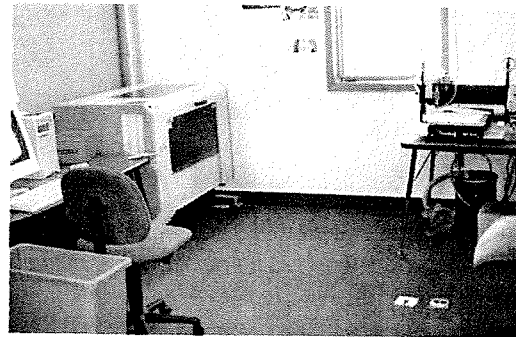
Brian Blomker and the Pocahontas Area Technology program were designated the best program in the state in 2001.



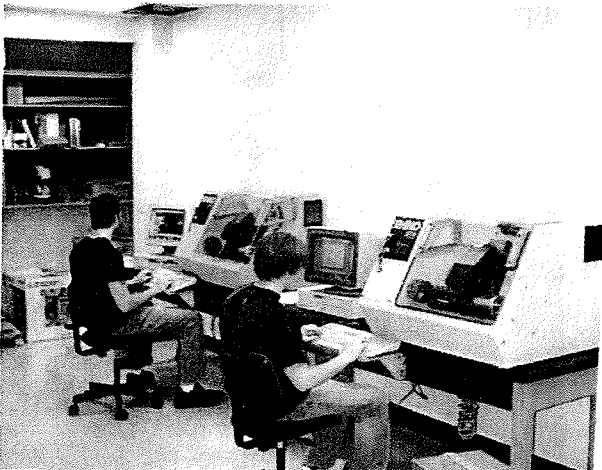
This is a frontal view of the new Voc-Tech Building built in the nineties. It is a state of the art structure containing the latest equipment.



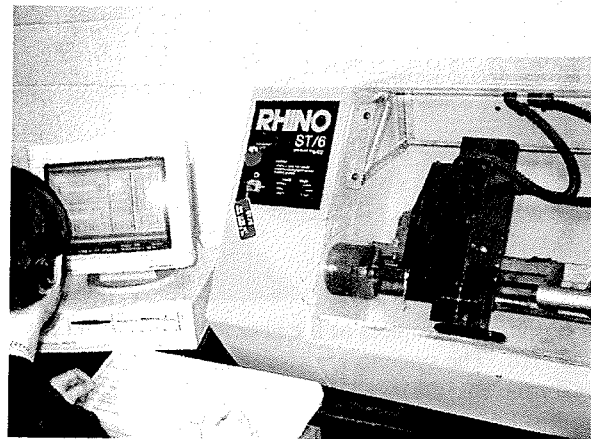
This is a side view of the same building. On the left side a state of the art greenhouse is attached. A local industrial committee helped in the building design.

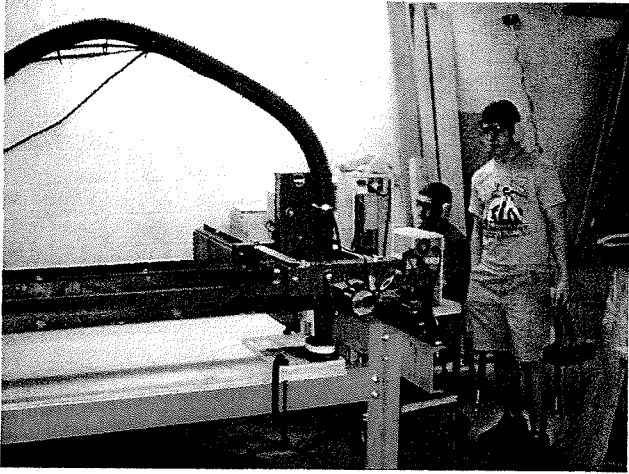


A programmable laser and router pictured above are used to make all types of signs, trophies, etc. A local manufacturer purchases thousands of dollars of gaskets each year from a student operated enterprise.

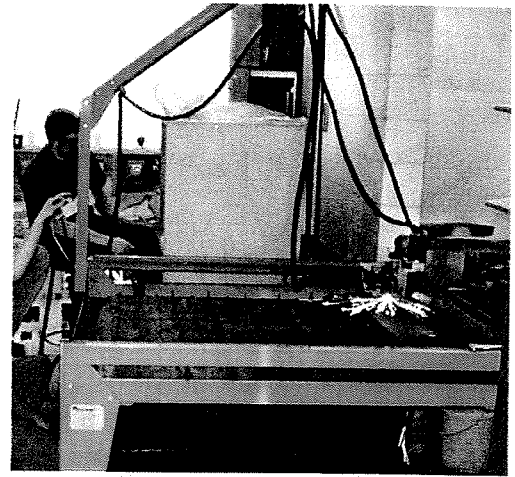


State of the art cnc equipment has been added to the building. Two cnc lathes, which emulate the industrial standard FANUC 6T control system were added. Also added were a cnc mill, a cnc plasma cutter, a cnc three-dimensional wood router, a cnc controlled laser etcher/engraver and a cnc controlled router/engraver.

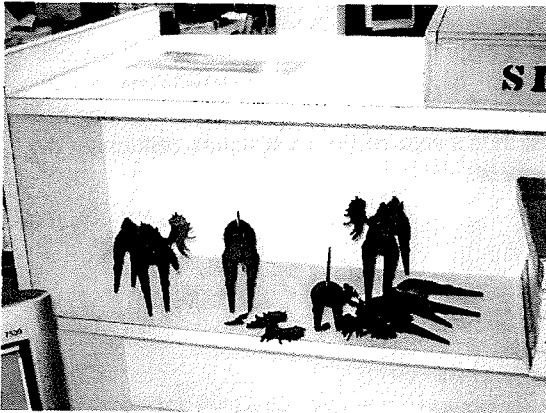




Cnc three-dimensional router



Cnc plasma cutter



Conceptual Drawing in Autocad and small models



larger model

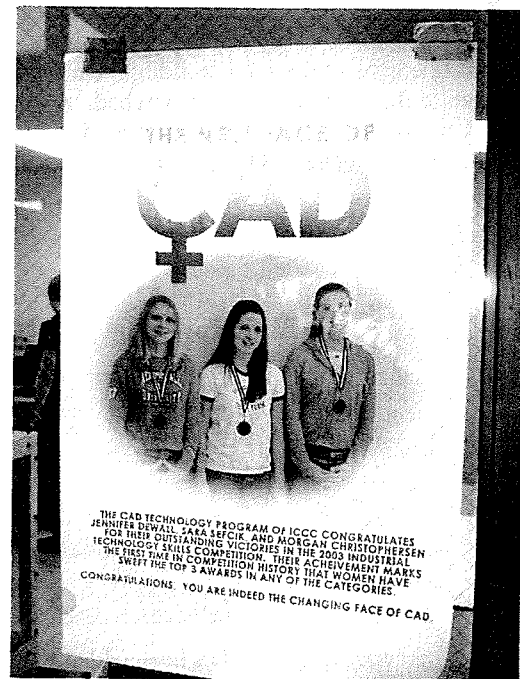


finished product ready for welding

A local school patron wanted a moose for her front yard. The students then produced conceptual models, a larger model, and then a finished product. There is a school store in the community that sells all types of products made by students.



One of the main features of the new facility is a 16 station Autocad lab. The systems are also used to write G & M codes for the cnc's, estimating costs for projects, and modeling. Pro Engineering stations are planned for addition in the near future. A total of 140 PC's are available for the exclusive use of the 650 students in the K-12 district.



One of the school's crowning achievements occurred in the spring of 2003 when 3 young ladies from Pocahontas took first, second, and third place in the Autocad competition sponsored by Iowa Central Community College in Fort Dodge. The poster to the right depicts that accomplishment. That was the first time that 3 girls had taken all places in any of their competitions. A high percentage of voc-tech students are non-traditional. The facilities are used by several colleges for adult training.