

Ferris students win first in HVAC system design category

The American Society of Heating, Refrigerating and Air-conditioning Engineers held its 2007 student design competition, which featured architectural design, and selection and design of HVACR systems. First place in the HVAC system design category was awarded to Gary Schrader, Jeremy Saddison, Ryan Larson and Chad Gydesen from Ferris State University, Big Rapids, Mich., reports *Consulting-Specifying Engineering Magazine*. Their advisor was Douglas Zentz. The students' design featured a geothermal heat pump plant that uses the Hudson River as the heat sink, considered a water-to-water heat pump system. The lab and office systems were designed to use enthalpy wheels to recover sensible and latent heat from exhaust air streams to pre-condition the outside air needed for ventilation. Read more at <http://www.csemag.com/article/CA6474644.html>.