**Henderson County High School Career and Technical Unit**

**Grant Applications:**

**Biomedical Science Career Pathway Grant**

 The Kentucky legislation provides funding to the Kentucky Department of Education to support Science, Technology, Engineering and Math (STEM) education initiatives throughout the state. The *Project Lead the Way Biomedical Sciences* program has been identified as a STEM initiative for which funding is provided to establish and support this effort.

 The Biomedical Sciences Career Pathway grant will allow the high school CTE Unit to apply for $50,000.00 to sustain efforts in implementing the sequence of four courses that comprise the Biomedical Sciences pathway for students interested in a medical related field. The grant funds will be utilized for *Project Lead The Way* professional development for Biomedical Sciences teachers and CTE counselor and for equipment and resources necessary to successfully deliver the curriculum. The grant requires a $50,000.00 match which will be met through the salaries of current teachers assigned to teach the classes and the supplies and materials provided for the “Principles of Biomedical Sciences” class during the 2010-2011 school year.

**Career Pathway Implementation through the Perkins Reserve Grant**

 The Perkins Reserve grant will be awarded to approximately 10 districts to support and expand a career pathway. The CTE Unit is applying for up to $100,000.00 to support the Pre-nursing program pathway. The grant funds will be utilized to provide professional development for the nursing program staff and the materials and supplies necessary to engage students in hands-on learning for the various nursing courses. A key component of this application is the ability of the school/district to develop a process to follow students from middle school through post-secondary trainings and that documents the number and percentage of students who successfully completed courses in the program and transitioned to postsecondary education in their career field of focus. The grant funds will be utilized for the 2011-2012 school year.