

PERKINS IMPROVEMENT ACTIVITY 2013-2014

DEFINITION OF PROGRAM IMPROVEMENT

A program improvement activity is provided as a recommendation for your use.

Program improvement generally has three major components: (1) a change in the curriculum to add the advanced technology or new student learning, (2) the purchase of the instructional equipment and materials needed to teach the new technology, and (3) inservice training for the teacher on both teaching the new curriculum and using the new equipment.

Perkins indicator: Non-Traditional We believe that through exposure to this activity, female students will develop an interest in programming and mobile application design which will increase female enrollment in Mobile App Development (MAD) and Computer Science related fields.



GameSalad[®]: MOBILE APPLICATION DEVELOPMENT

Description of Activity: School districts desiring to enhance instruction in their career and technical education classrooms with instructional technology may utilize Perkins funds to purchase a one-year subscription to the curriculum and assets from GameSalad. This project will be a one-week unit that may be used as supplemental materials in any CTE classroom that has access to a computer lab and Internet connectivity. In this project students will be exposed to the development of a basic application that is designed for a mobile device. The goal of this project is to promote student interest in the career areas of programming and mobile application development.

Curriculum: This technology can be implemented in any approved career and technical education course/program. Curriculum is licensed on a one-year basis at \$250.00

Software: The GameSalad software and assets (proprietary graphics) has a one-year subscription cost of \$1,580.00 for 20 student computers.

Training: In-service training for those subscribing to GameSalad[®] has tentatively been set for June 19-20, 2014. An additional site and dates are being scheduled and will be shared as soon as confirmed. Training will be \$100 (2 days at \$50 per day).

Travel: Travel to and from training, meals and lodging are allowable.

Total Cost: The total cost of this activity will probably be about \$2,500.00.

Access: Once a school registers for in-service training, information will be provided regarding purchasing GameSalad subscriptions.