

ARRA Title IID Priority One - Round 2 (Fund Code 776-A) Technology Competitive Grant Descriptions 2010-11

This grant will fund projects that work collaboratively with the Department of Elementary and Secondary Education (Department) to create, implement, and evaluate online courses/modules for underserved high school students in alternative education, credit recovery, or credit acceleration programs.

Boston Day and Evening Academy Charter School

Project Title: Personalized On Line Learning (POLL)

Contact: Alison Hramiec, ahramiec@boston.k12.ma.us, 617-838-1157

Partner Organization: Northeastern University School of Education, College of Professional Studies

Project Summary: Boston Day and Evening Academy Charter School will expand upon its successful distance learning program to create Personalized On Line Learning (POLL). This program will combine online course modules with in-classroom, in-school, and online supports for over-aged high school students who are academically ready to accelerate their path to graduation by adding online competency-based curricula in Math and Humanities.

Dennis-Yarmouth Regional School District

Project Title: Cape Cod Connection: Virtual Learning Environment (C3VLE)

Contact: Lory Stewart, stewartl@dy-regional.k12.ma.us, 508-778-7580

Partner Districts: Falmouth Public School District, Plymouth Public School District, Harwich Public Schools, Barnstable Public School District, Chatham Public Schools, Nauset Regional School District

Partner Organizations: Woods Hole Science and Technology Education Partnership, Cape Cod Museum of Natural History, Audubon Society, Chatham Marconi Maritime Center, OpenCape

Project Summary: The Cape Cod Connection: Virtual Learning Environment (C3CLVE) will develop core "virtual learning" teams at each district comprised of technology directors, curriculum coordinators, teachers, school counselors, ELL, and Special Education teachers supported by central office administration. Each district will create

two hybrid courses focused on STEM content for at-risk students. This grant will fund high quality professional development for the virtual learning teams focused around at-risk students, teaching online, and developing hybrid curriculum. The students will have access to resources and technologies that particularly address their specific learning styles.

Gardner Public Schools

Project Title: NAWWG (Narragansett, Ashburnham/Westminster, Winchendon & Gardner) Partnership for Student Success Using Online Coursework

Contact: Susan Hui, huis@gardnerk12.org, 978-632-5480

Partner Districts: Winchendon Public School District, Narragansett Public School District, Ashburnham/Westminster Regional School District

Partner Organization: The Learning Curve Consortium

Project Summary: The participating districts (Narragansett, Ashburnham/Westminster, Winchendon and Gardner) are partnering in a two-part program. The first part involves developing a variety of integrated core curriculum classes that will be taught online: English and History, Geometry and Art/Architecture, Algebra and Physics, and Biology and Health. The project will target students who are in need of credit recovery in order to graduate on time and/or be promoted to the next grade. The settings will be both alternative education programs and regular high schools. The second part of the project involves piloting the North Adams “Configuring the 21st Century High School” project with at-risk students who are transitioning from grade 8 to 9. This part will create alternative means for targeted students to earn credit in response to factors that put them behind prior to grade 9, with the ultimate goal of helping them to graduate on time.

Northern Berkshire Regional Vocational Technical School

Project Title: McCann Technical School Online Learning Academy

Contact: Erin Mucci, emucci@mccanntech.org, 413-663-5383

Partner Organization: Virtual High School

Project Summary: McCann Technical School will create a Moodle portal of online curriculum modules that will be used for on-time remediation for

students who are at-risk of failing a course. An after-school credit recovery program will be developed, providing at-risk students with a new opportunity to stay on track, using a supportive and rigorous approach. A group of McCann instructors will be trained in best practices for online course development and delivery through collaboration with Virtual High School. Up to 45 content modules worth 1/8 credit will be created across several content areas. Both academic and vocational technical instructors will collaborate to create modules in Chemistry, Forensics, Physics, Algebra II, Integrated Math, Spanish, and English topics.

Pittsfield Public Schools

Project Title: Virtual Course Options for Targeted Student Success

Contact: Keith Babuszcak, kbabuszcak@pittsfield.net, 413-448-9601

Project Summary: Pittsfield Public Schools will provide three virtual course options for targeted student success. The project will provide an on-time credit recovery option, which will allow students to enroll in a Biology 1 and/or English 9 intervention course that will remediate and reteach knowledge and skills that the student failed in the prior quarter. For Tier 3 alternative education students, the project will also prepare and teach a full-year Biology 9 and English 9 based on the courses developed by Round 1 grant recipients. Finally, the project will create an online section of Introduction to College Algebra, which has recently been developed through a Berkshire county collaboration of high school and college mathematics instructors. The goal of this course is to provide students with the knowledge and skills that are required to be successful in college mathematics without need for remediation.

Southeastern Regional Vocational Technical School

Project Title: Online Modules for At Risk Students

Contact: John McDonagh, jmcdonagh@sersd.org, 508-230-1249

Partner Organization: Northeastern University

Project Summary: Project OMARS (Online Modules for At Risk Students) will develop high quality online modules and courses on interdisciplinary topics, which will be delivered both as day school courses and in modules in our extended day program for the

purposes of credit recovery. Two sets of interdisciplinary modules will be created: (1) modules on academic core subjects that correlate with renewable energy and (2) modules on core academic content that focus on forensics, cutting across several academic and occupational programs. This project will also pilot an Algebra 1 online course developed by a Round 1 grant recipient for students in need of these math credits. Northeastern University's Instructional Technology group will deliver several courses on online course development and deployment for up to 20 teachers. This project will assist 145 students who are at risk to graduate with their class. A comprehensive set of support services will be provided to help these students successfully navigate this innovative education.