

OFFICE OF EDUCATIONAL ACCOUNTABILITY
Summary of State Board of Education Agenda Items
July 19-20, 2012

OFFICE OF ACCREDITATION

27. Approval to allow a Carnegie unit earned for STEM in the 8th or 9th grade be accepted in lieu of the graduation requirement for one Carnegie unit in Computer Discovery

(Has cleared the Administrative Procedures Act process with no public comment)

On April 18, 2012, the Commission on School Accreditation approved the request from the Office of Career and Technical Education to allow a Carnegie unit earned for STEM in the 8th or 9th grade be accepted in lieu of the graduation requirement for one Carnegie unit in Computer Discovery.

Recommendation: Approval

Back-up material attached

**Proposal from the Office of Career and Technical Education
Graduation Requirements: STEM in lieu of Computer Discovery
Approved by the Commission on School Accreditation April 18, 2012**

The Office of Career and Technical Education requests that the one Carnegie unit earned for STEM also be accepted as one alternative for earning the computer discovery credit necessary for graduation when taken either in the 8th or 9th grade.

Issue	Justification
Course Description for Carnegie Unit	Science, Technology, Engineering, and Mathematics (STEM) Applications is an innovative instructional program that prepares students to engage in future academic and vocational courses of study in high school, community college, and institutions of higher learning. Students in STEM Applications complete study in technology literacy, the design process, emerging technologies, computer-aided design, sustainable design and technology, power and energy, robotics simulation, financial and economic literacy, and workplace skills for the 21st century. The STEM Applications curriculum framework is built upon 21st Century Skills Standards, ACT College Readiness Standards, and the National Educational Technology Standards for Students.
STEM Curriculum	<p>PLEASE SEE ATTACHMENT: STEM Application Executive Summary</p> <p>The STEM curriculum can be viewed in its entirety at the following web site if additional information is needed</p> <p>http://www.rcu.msstate.edu/Curriculum/CurriculumDownload.aspx</p>