

**OFFICE OF CHIEF ACADEMIC OFFICER**  
**Summary of State Board of Education Agenda Items**  
**July 16, 2015**

**OFFICE OF CAREER AND TECHNICAL EDUCATION**

05. Approval to award competitive grants for 2016 Engineering Enhancement for 21<sup>st</sup> Century Grant [Goals 1 and 2 – MDE Strategic Plan]

Purpose: These funds will allow school districts to offer Engineering courses to ensure that students are prepared from both an academic and an applied standpoint to pursue careers in the Engineering field. Due to the current demand and lack of students entering Engineering courses, there is a significant projected shortage of workers entering this job sector. As a result, these funds will be used to enhance 21<sup>st</sup> Century technology, math, and science skills in Robotics/Engineering courses in an effort to attract and prepare more students to enter higher education and the workforce in engineering. Funds awarded for this grant will be used to equip Robotics and Engineering labs.

Scope of Grant:

- Grant Period: July 16, 2015 – June 30, 2016
- Award Amount: \$971,667.80
- Method of Award: Request for Applications

Funding Source: State funds

Summary of Selection Process:

A competitive grant selection process was utilized to award the grants.

Scoring Criteria:

- A. Project Description
- B. Assurances
- C. Intervention
- D. Facility Readiness
- E. Collaboration & Support
- F. Evaluation
- G. Budget

This item references Goals 1 and 2 of the *Mississippi Board of Education 2016-2020 Strategic Plan*.

Recommendation: Approval