



STATE OF ALABAMA  
DEPARTMENT OF EDUCATION



Thomas R. Bice  
State Superintendent of Education

April 3, 2015

**MEMORANDUM**

**TO:** City and County Superintendents of Education

**FROM:** Thomas R. Bice *TRB*  
State Superintendent of Education

**RE:** Approved Courses in Mathematics and Science

The career and technical education courses listed below have been approved by the Alabama State Department of Education in the areas of mathematics and science as additional courses that meet requirements for graduation. Upon completion of the required mathematics courses, students may choose one of the following courses to serve as their fourth credit in mathematics:

- Career Mathematics (400024)
- Computer Science A, AP (520007)
- Computer Science Principles (520008)

Upon completion of the required science courses, students may choose up to two of the following courses to serve as their third and/or fourth credit in science:

- Chemistry of Food (510013)
- Forensic and Criminal Investigations (410028)
- Plant Biotechnology (420053)
- Aquaculture Science (420037)
- Environmental Management (420026)
- Introduction to Biotechnology (490041)
- Human Body Structures and Functions (490015)
- PLTW Human Body Systems (490043)

Credit for these courses may be awarded in the areas of mathematics and science if taught by a teacher holding certification in the appropriate career and technical education area.

If you have questions, please contact Dr. Philip C. Cleveland, Director, Career and Technical Education/Workforce Development, by telephone at 334-242-9960 or by e-mail at [pcleveland@alsde.edu](mailto:pcleveland@alsde.edu) or Dr. Julie Hannah, Director, Office of Student Learning, by telephone at 334-353-1608 or by e-mail at [jhannah@alsde.edu](mailto:jhannah@alsde.edu).

TRB:PCC:MS

cc: Dr. Philip C. Cleveland  
Dr. Julie Hannah

FY15-1013

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