



JANET BARRESI
STATE SUPERINTENDENT OF PUBLIC INSTRUCTION
STATE OF OKLAHOMA

MEMORANDUM

TO: The Honorable Members of the State Board of Education

FROM: Janet C. Barresi

DATE: March 29, 2012

SUBJECT: Application for Focus Field of Career Study in Pre-Engineering and Biomedical Sciences

Regarding the request for approval of the Pre-Engineering and Biomedical Sciences career study to be offered at Great Plains Technology Center, the STEM Team has reviewed the curriculum elements submitted for high school math and science credit. Standards used for curriculum evaluation include alignment with the Oklahoma C³ Standards for Anatomy and Physiology, Algebra II, Trigonometry and Pre-Calculus, AP Calculus, Pre AP Geometry, Pre AP and AP Physics, AP Chemistry, and Chemistry. We have found that the content and the hands-on laboratory concepts are aligned with the Oklahoma C³ standards. The courses meet all criteria for high school math and science graduation credit.

JB:cl