



**GOVERNING BOARD AGENDA ITEM
AMPHITHEATER UNIFIED SCHOOL DISTRICT NO. 10**

DATE OF MEETING: **November 14, 2017**

TITLE: **Approval of New Courses for the 2018-2019 School Year**

BACKGROUND:

Each year we bring requests for new courses to the Board. Below you will find a list for the 2018-2019 school year and brief description of each request.

Amphitheater High School (AHS) would like to offer a **Welding Technologies** program through CTE. Local business and industry partners have expressed a need for entry level and skilled welders. The Welding Technologies program is designed to prepare students for employment in the welding industry. Instruction includes arc welding, resistance welding, brazing and soldering, cutting, high energy beam welding and cutting, solid state welding, ferrous and non-ferrous materials, oxidation-reduction reactions, welding metallurgy, welding processes and heat treating, structural design, safety, and applicable codes and standards. The CTE department at ADE has developed industry validated standards for Welding Technology which will be followed. Three courses make up the program: Welding Technologies I (core curriculum), Welding Technologies II, and Welding Technologies Internship.

AHS would like to offer a practical English course called **English 12 - Applied Communications** for 12th graders with a greater focus on informational text, listening, speaking, and writing to meet the requirements of the AZCCR standards. Informational text already comprises a significant portion of all English classes. This course prepares students for career ready skills such as resume development, interviewing skills, development of personal statements, SMART goal setting, soft skill development, and career planning. This course has as a major goal to improve students' practical communication skills while preparing them for their next major step: career or college. Students will develop speaking and listening skills to collaborate with others and present information. They will utilize written communication through the use of technology skills to argue claims and inform. They will also analyze text for structure, development of critical thinking skills, and reasoning.

Coronado K-8 would like to offer a semester long elective course to middle school students (grades 6-8) in **Photography**. This elective course would help middle school students become familiar with the fundamentals of digital photography and the use of corresponding technology. The major areas of instruction would focus on how a digital camera functions, photographic composition, and use of photo editing software. This is a hands-on elective class where students utilize technology, collaboration, creativity, and critical thinking skills.

Coronado K-8 also proposes a year-long **Engineering and Robotics** elective offering for middle school students (grades 7-8). It would function as a class designed to give students a chance to work with STEM related topics. The students will spend one semester learning the engineering design process. They will incorporate skills like computer aided drawing (CAD) and 3D printing while using concepts gained from current math and science standards to design, build, and test different products. In the second semester, students will utilize VEX IQ robotics materials to learn how to design, build, and code robots. This class is also a hands-on class, heavily focused on engineering, technology use, collaboration, and perseverance.

There is also one request from **Ironwood Ridge High School** to change a course name, but not the substance of the already approved course. Currently IRHS offers a course called Chemistry Essentials. The request would only change the name of the course. Instead of Chemistry Essentials, they would prefer to call it **Qualitative Chemistry**. The same course standards, assignments, materials, and text would be used for this course.

RECOMMENDATION:

This item is presented for the Board's approval.

INITIATED BY:

Monica Nelson

Monica Nelson, Associate Superintendent

Date: November 8, 2017

Todd A. Jaeger

Todd A. Jaeger, J.D., Superintendent