



### Agenda Item Details

---

Meeting	Jun 11, 2015 - Board of Trustees Regular Meeting
Category	12. (Educational Services ---Approval) The Educational Services items listed below are recommended for approval in accordance with Board Policy 4B, Educational Program/Courses. Also listed are items requiring approval to authorize the Chief Financial Officer to execute agreements in accordance with Board Policy 3A9A.
Subject	12.10 Approval of New Courses, New Programs and Program Revisions to be included in the Bakersfield College and Cerro Coso Community Colleges' 2015-2016 catalogs.
Type	Action
Recommended Action	Recommended for approval.

These new courses were reviewed and recommended for approval by the respective College Curriculum Committee, Chief Instructional Officer, and the College President.

[Porterville College Program Revisions or Modifications for the 2015-16 Academic Year Catalog 6-11-15 \(1\).pdf \(94 KB\)](#)

[Porterville College New Program\(s\) for the 2015-16 Academic Year Catalog 6-11-15.pdf \(67 KB\)](#)

[Cerro Coso New Course for 2015-2016 Academic Year Catalog 6-11-15.pdf \(47 KB\)](#)

[Bakersfield College New Program\(s\) for the 2015-16 Academic Year Catalog 6-11-15.pdf \(52 KB\)](#)

[Bakersfield College New Courses for the 2015-16 Academic Year Catalog 6-11-15.pdf \(46 KB\)](#)

[Cerro Coso New Program\(s\) for 2015-2016 Academic Year Catalog 6-11-15.pdf \(64 KB\)](#)

### Motion & Voting

---

Recommended for approval.

Motion by Kay S Meek, second by Mark Storch.

Final Resolution: Motion Carries

Ayes: Dennis L Beebe, Kay S Meek, Mark Storch, Romeo Agbalog, Kyle W Carter, Richard Wright



To: Board of Trustees  
 Subject: Catalog Revisions for the 2015-16 Academic Year  
 Board Meeting: June 11, 2015

The following course deletions were reviewed and vetted through the College process and are recommended by the College-wide Curriculum Committee, Academic Senate, Chief Instructional Officer, and College President:

**Cerro Coso College**

Curriculum Mtg. Date	Program Title	Program Description	Reason for Change
04/17/2015	Data Analyst I Certificate of Achievement	The purpose of this certificate is to prepare students for positions in data collection, data processing, and data analysis and to provide a foundation for future training in data science and big data analysis. Courses in the program provide students with the skills to work with others to manage large projects; design and manipulate databases with SQL (Structured Query Language) and database management systems; write computer programs to access and manipulate data files and databases, and work with electronic spreadsheets and database management systems to create models and analyze results.	The October 2012 issue of The Harvard Business Review refers to the job of data scientist as "the sexiest job of the 21st century." Data science is a relatively new field/term that includes aspects of data analysis, big data, statistics, computer programming, project management, and database management. The Employment Development Department of California projected that jobs in this realm (Operations Research Analyst) would increase 37% between 2012 and 2022. The CIS Advisory committee endorses the certificate and there are jobs within the District Service area that relate directly to the certificate. This certificate prepares students for entry level analyst positions and for future study in the field. The proposed certificate uses courses from Business and CIS and provides a means for students in those programs to receive a meaningful certificate upon completion of the additional coursework. Davenport, T. H., & Patil, D. J. (2012). Data scientist: The sexiest job of the 21st century. Harvard Business Review, 90, 70-76.

Curriculum Mtg. Date	Program Title	Program Description	Reason for Change
05/01/2015	Associate in Arts in <b>Economics</b> for Transfer Degree	<p>An Associate in Arts Degree in Economics for Transfer Degree prepares students for transfer to the CSU system to earn a baccalaureate in Economics and its subfields, Macroeconomics, Microeconomics, Econometrics, Finance, Business, Accounting, Public Policy, International Economics, and Economic History. Economics teaches students to think critically about economic systems, evaluate quantitative and qualitative data, and determine solutions. Upon successful completion of the program, students will be able to apply economic principles to the understanding of business cycles, compare and contrast allocation methods, and evaluate information using economic formulas. These skills can be applied to careers in economics, banking, business, government, law, and human services.</p> <p>To complete the degree, students must fulfill the following requirements:</p> <ol style="list-style-type: none"> <li>1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following: <ol style="list-style-type: none"> <li>a) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.</li> <li>b) minimum of 19 semester units in a major or area of emphasis, as determined by the Kern Community College District Board of Trustees.</li> </ol> </li> <li>2. Attainment of a minimum grade point average of 2.0.</li> <li>3. Completion in all courses for the major or area of emphasis must be a "C" or better. A "P" (Pass) grade is not an acceptable grade for courses in the major.</li> </ol> <p>The goal of the Associate in Arts Degree in Economics for Transfer Degree is to provide an advanced understanding of the discipline and to prepare students for transfer to any CSU for a baccalaureate degree in Economics.</p> <p>Please note that our local Cerro Coso general education pattern MAY NOT be used to fulfill the requirements of this degree and that all required courses for the degree must be transferable to CSU.</p>	<p>The Associate in Arts in Economics for Transfer Degree gives students the opportunity to transfer to economics programs at California State Universities. Cerro Coso College offers all of the courses necessary for the degree, so students can complete the degree without additional financial cost to the college.</p>

Curriculum Mtg. Date	Program Title	Program Description	Reason for Change
04/17/2015	Associate in Arts in <b>History</b> for Transfer Degree	<p>The Associate in Arts in History for Transfer degree is designed for students planning to transfer to the California State University or other institutions to continue studies toward a B.A. in History or other programs that require an introductory foundation in the knowledge and skills of our political, economic, and social past. Students who pursue History degrees at transfer institutions establish a foundation for careers in education, law, politics, information management, business, travel, government, and journalism. Additionally, History students also may find success in museum, library, and archival work. To complete the degree students must fulfill both of the following requirements:</p> <p>A. Completion of 60 units that are eligible for transfer to the California State University, including both of the following:</p> <ol style="list-style-type: none"> <li>1. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.</li> <li>2. Obtainment of a minimum grade point average of 2.0.</li> </ol> <p>Please note that our local Cerro Coso general education pattern <b>may not</b> be used to fulfill the requirements of this degree and that all required courses for the degree must be transferable to CSU.</p>	<p>We are proposing this degree in order to expand and grow the History discipline, and to provide students with more extensive opportunities to transfer as a History major within the CSU and UC systems. Currently, we do not have a local History Degree.</p>

Curriculum Mtg. Date	Program Title	Program Description	Reason for Change
05/01/2015	Associate in Arts in <b>Political Science</b> for Transfer Degree	<p>Political science is not only about the study of governments and public policy, it is fundamentally the study of power, justice, and shared responsibility among people as they organize for mutual benefit and protection. This means that political science includes the study of voting and elections, political parties, campaign financing, interest groups, media, law and courts, civil rights and liberties, political theory and ideology and international relations. When students complete an AA-T in Political Science, they will be ready for transfer into upper division political science coursework at a CSU campus. A bachelor's degree in political science can lead to careers in government (at all levels), international organizations, nonprofit associations and organizations, legal organizations, campaign and electoral work, education and journalism.</p> <p>To complete the degree, students must fulfill both of the following requirements:</p> <ol style="list-style-type: none"> <li>1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following: <ol style="list-style-type: none"> <li>1. The Intersegmental General Education Transfer Curriculum (IGETC) of the California State University General Education Breadth Requirements.</li> <li>2. Minimum of 19 semester units in a major or area of emphasis, as determined by the Kern Community College District Board of Trustees.</li> </ol> </li> <li>2. Attainment of a minimum grade point average of 2.0</li> </ol> <p>Please note that our local Cerro Coso general education pattern may NOT be used to fulfill the requirements of this degree and that all required courses for the degree must be transferable to CSU.</p>	We are proposing this degree in order to expand and grow the Political Science discipline, and to provide students with more extensive opportunities to transfer as a Political Science within the SCU and UC systems. Currently, we do not have a local Political Science Degree.

Curriculum Mtg. Date	Program Title	Program Description	Reason for Change
05/01/2015	<p><b>Web Fundamentals</b> Certificate of Achievement</p>	<p>WEB FUNDAMENTALS CERTIFICATE prepares students for career entry in the Web industry by emphasizing standards-based coding and scripting, creative problem solving, digital imaging, layout and typography, usability, accessibility, customization of content management systems, and project management. The curriculum has the objective of developing technical and design skills, a combination of competencies that employers and clients value. Students develop realistic expectations about work conditions through individual and collaborative work-based projects and by learning in the same technological environment in which they will eventually work. Any student completing 18 units required for the major qualifies for a certificate in Web Fundamentals.</p> <p>Each course for this certificate must be completed with a grade of "C" or better, or with a grade of "P" if the course is taken on a pass/no pass basis.</p> <p>This program prepares students for careers in Information Technology Web Design, Web Development.</p> <p>Note: Some courses within the major may have a required prerequisite. If you feel you have equivalent knowledge and skills to those included in the prerequisite course through professional experience, licensure or certification, you have the opportunity to submit a Prerequisite Challenge to be reviewed by the faculty chair. For the Prerequisite Challenge to be considered, you must submit documentation/verification to substantiate the basis for the challenge. Please consult a counselor for more information regarding Prerequisite Challenge</p>	<p>This 18-unit certificate provides more academic choices for students who work in various other industries, and provides a relevant milestone of achievement for students who are working toward the full certificate or degree</p>