

**Second Read Curriculum Review  
Courses**

Review Team	Course	Course Title	Course Description	Request Type	Units	Hours	Current Attributes (DE, CE, T, GE)	CE/DE Requests (Hybrid, Online, Interactive)	CSU Transfer	UC Transfer	GE Requests	Start Semester
F	ARTB14	Sculpture II	Advanced study in sculptural concepts and three-dimensional forms. Explores the expressive meaning of form and the expressive potential of materials.	Revision	3		T, DE	Hybrid, Online, Interactive	Approved	Approved		Summer 2023
E, GE	ASTRB2	Life in the Universe	Introductory course on the scientific search for life in the universe. The process and philosophy of science are examined from the astronomical and biological perspectives. Among topics included: the definition and nature of life, the formation and development of the Earth and life on the Earth, other places in our solar system that might have habitats for life, habitable zones around other stars, how we detect extrasolar planets, how we could detect biological activity on extrasolar planets, the search for extraterrestrial intelligence, interstellar travel, and implications of making contact. Reading intensive course. Students must have college-level reading comprehension skill.	Revision	3		T, DE, GE	Hybrid, Online, Interactive	Approved	Approved	BC GE B1 CSU GE B1 IGETC 5A	Summer 2023
F	COMPB13	Computer Architecture and Organization	This course is an introduction to the organization and behavior of computer systems at the assembly language level. Topics include numerical computation, the internal representation of simple data types and structures, data representation errors, and procedural errors. Students will learn how to map statements and constructs of high-level languages onto sequences of machine instructions.	Revision	3		T, DE	Hybrid, Online, Interactive, Other	Approved	Approved		Summer 2023
G	COMPB34	CompTIA A+	This course is designed for individuals interested in a career in Information Technology (IT) and will prepare students for the CompTIA A+ certification exam. Some of the topics covered include: assembling computer components, OS installations/configuration, networking fundamentals, troubleshooting techniques, and security practices. Not open to students who have previously received credit for COMS B100 or COMP B84.	Revision	4		T, DE	Hybrid	Approved			Summer 2023
B	ENGRB19C	C++ Programming for Engineers & Scientists	This course introduces students to (1) the basics of software development utilizing C++ programming and (2) the interface of software with the physical world (e.g., the use of sensors).  C-ID: ENGR 120	Revision	4		T, DE	Hybrid, Online, Interactive	Approved	Approved		Summer 2023
C	ENGRB20	MATLAB Programming for Engineers & Scientists	This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object oriented programming numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.  C-ID: ENGR 220	Revision	3		T, DE	Hybrid, Online, Interactive	Approved	Approved		Summer 2023
D	ENGRB24	Engineering Graphics with Solidworks	This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of CAD software is an integral part of the course.  C-ID: ENGR 150	Revision	3		T, DE	Hybrid, Online, Interactive	Approved	Approved		Summer 2023

**Second Read Curriculum Review  
Courses**

Review Team	Course	Course Title	Course Description	Request Type	Units	Hours	Current Attributes (DE, CE, T, GE)	CE/DE Requests (Hybrid, Online, Interactive)	CSU Transfer	UC Transfer	GE Requests	Start Semester
G	JRNLB15	Press Photography	Students will study the application of digital photography as applied to journalism. This course covers technical aspects of cameras, use of Photoshop, how to photograph assignments in the field and choosing photographs for print. Entry-level photojournalism course prepares students for enrollment in student newspaper.  Important: Digital camera required.  C-ID: JOUR 160	Revision	3		T, DE	Hybrid, Online, Interactive	Approved			Summer 2023
H	JRNLB16	Multimedia Reporting	This course involves the study and application of photography applied to emerging changes in the journalism landscape, specifically visual and audio communication through new media. Emphasizes the combined use of still cameras, audio recording equipment and video cameras to produce in-depth, content-rich reporting for journalism Web sites.  C-ID: JOUR 120	Revision	3		T	Hybrid, Online, Interactive	Approved			Summer 2023
A	JRNLB2	Beginning Reporting	This course is an introduction to gathering, synthesizing/organizing and writing news in journalistic style across multiple platforms. Includes role of the journalist and related legal and ethical issues. Students will report and write based on their original interviews and research to produce news content. Experiences may include covering speeches, meetings and other events, writing under deadline and use of AP Style.  C-ID: JOUR 110	Revision	3		T, DE	Hybrid, Interactive	Approved			Summer 2023
D	JRNLB25	Newspaper/Online Production I	Production practicum for the print and online editions of 'The Renegade Rip,' BC's award-winning student-produced newspaper. Offers experience in interviewing research, news, feature, sports, and opinion reporting, design and production of editorial cartoons, headline writing, copyediting, proofreading, introduction to page design, graphics, and computer use. Students wishing to report stories, create editorial cartoons, or create graphics for the college newspaper should be enrolled.  C-ID: JOUR 130	Revision	3		T	Hybrid, Online, Interactive	Approved			Summer 2023
C	JRNLB26	Newspaper Production/Editors	This course is designed for editors and second-semester students of the online and print editions of The Renegade Rip, BC's award winning student-produced college newspaper. Teaches news content analysis, planning and evaluation using critical-thinking skills, story organization, intensive page design, planning and developing style and design of stories, photography, graphics, and art. Includes numerous discussions of ethics, collaboration with staff, and learning editorial leadership, with editors making all policy and content decisions for student-produced print and online media.  C-ID: JOUR 131	Revision	4		T	Hybrid, Online, Interactive	Approved			Summer 2023
H, GE	MATHB4A	Mathematics for Elementary School Teaching	Focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasizes the comprehension and analysis of mathematical concepts and applications of logical reasoning. Designed for students intending to teach in K-8. Not recommended for majors in physical sciences nor mathematics.  C-ID: MATH 120	Revision	4		T, GE, DE	Hybrid, Interactive	Approved	Add	BC GE B2 CSU GE B4 IGETC 2	Summer 2023

**Second Read Curriculum Review  
Courses**

Review Team	Course	Course Title	Course Description	Request Type	Units	Hours	Current Attributes (DE, CE, T, GE)	CE/DE Requests (Hybrid, Online, Interactive)	CSU Transfer	UC Transfer	GE Requests	Start Semester
B, GE	MUSCB9A	Beginning Class Guitar	A beginning study of the guitar. Instruction in note reading, playing basic chords, strumming and fingerstyle, learning basic popular styles and a beginning classical repertoire. A suitable acoustic guitar is required.	Revision	1		T, DE, GE	Hybrid, Online, Interactive	Approved	Approved	BC GE C1	Summer 2023
C, GE	MUSCB9B	Intermediate Class Guitar	Intermediate techniques of guitar playing. Emphasis on advanced chord positions, strumming and fingerstyle patterns, scales, arpeggios, and bar chords. The repertoire taught will include intermediate popular styles and classical repertoire. A suitable acoustic guitar is required.	Revision	1		T, GE	Hybrid, Online, Interactive	Approved	Approved	BC GE C1	Summer 2023
A	RADTB2A	Radiographic Anatomy and Positioning 1	This course is an instruction and laboratory practice in radiographic positioning of the chest, abdomen, lower and upper extremities, arthrography, bone surveys and bone densitometry with correlated imaging anatomy.	Revision	3		T, DE	Hybrid, Online, Interactive	Approved			Summer 2023
G	RADTB3A	Radiographic Principles 1	This course presents the principles of radiographic image production and acquisition including tube construction, exposure factors, beam restriction, grids, scatter radiation, image receptors, image processing, sensitometry and digital imaging will be discussed.	Revision	3		T, DE	Hybrid, Online, Interactive	Approved			Summer 2023
H	RADTB3B	Radiographic Principles 2	This course will discuss the principles of radiographic image production, acquisition and analysis including receptor exposure, contrast, spatial resolution, distortion, exposure control systems, mobile radiography, and fluoroscopy.	Revision	3		T, DE	Hybrid, Online, Interactive	Approved			Summer 2023
H	ENGRB10	Materials Science for Engineering Technology	This proposed course gives engineering technology majors the opportunity to take the course. Until the 2016-17 BC catalog the prerequisites for ENGR B45 "Properties of Materials" were "CHEM B2A and PHYS B2A and MATH B1B or CHEM B1A and PHYS B4A and MATH B1A each with a grade of 'C' or better", allowing engineering technology majors to take the course along with engineering majors. The course prerequisites changed in 2017-18 as per C-ID ENGR 140 to CHEM B1A and PHYS B4A, although the content stayed the same.	New	4			Hybrid, Online, Interactive	Add			Summer 2023
A	ENGRB12	Statics for Engineering Technology	A first course in engineering mechanics for engineering technology students: properties of forces, moments, couples and resultants; two- and three-dimensional force systems acting on engineering structures in equilibrium; analysis of trusses, and beams; distributed forces, shear and bending moment diagrams, center of gravity, centroids, friction, and area and mass moments of inertia. Note: This course may not be accepted by engineering transfer programs. This course is not open to students who have taken ENGR B36.	New	3			Hybrid, Online, Interactive, Other	Add			Summer 2023
E	ENGRB25	Engineering Graphics with AutoCAD (for CE/CET/EE)	This course teaches AutoCAD and is recommended for civil engineering, electrical engineering, and construction engineering technology. This course covers the principles of engineering drawings in visually communicating engineering designs and an introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of AutoCAD software is an integral part of the course.	New	3			Hybrid, Online, Interactive	Add	Add		Summer 2023

**Second Read Curriculum Review  
Courses**

Review Team	Course	Course Title	Course Description	Request Type	Units	Hours	Current Attributes (DE, CE, T, GE)	CE/DE Requests (Hybrid, Online, Interactive)	CSU Transfer	UC Transfer	GE Requests	Start Semester
B, GE	KINSB12C	Intercollegiate Competition - Cheer	Practice, participation and competition on cheer, dance and stunt teams for Bakersfield College. Includes development of skills, both individual and group, for successful public performance. Field trips may be required.  Note: UC campuses give a maximum of four semester units of credit for Physical Education activity units.  PHED B15 changed to KINS B12C - Combination of both courses not to exceed 3 times.	New	3			Hybrid, Online, Interactive	Add	Add	BC GE E2	Summer 2023
E, GE	KINSB12SW	Intercollegiate Competition: Swimming	Intercollegiate competition for Swimming. Student must meet athletic code eligibility requirements. Field trips may be required.  Note: UC campuses give a maximum of four semester units of credit for Physical Education activity units.  PHED B33 changed to KINS B12SW - Combination of both courses not to exceed 3 times.	New	3			Hybrid, Online, Interactive	Add	Add	BC GE E2	Summer 2023
F, GE	KINSB12XC	Intercollegiate Competition: Cross Country	Intercollegiate competition in Cross Country. Must meet athletic code eligibility requirements. Field trips may be required.  Note: UC campuses give a maximum of four semester units of credit for appropriate Physical Education Activity courses.  PHED B17 changed to KINS B12XC - Combination of both courses not to exceed 3 times.	New	3			Hybrid, Online, Interactive	Add	Add	BC GE E2	Summer 2023
G, GE	KINSB13C	Intercollegiate Conditioning	Intercollegiate athletics course emphasizing preseason conditioning. Enrollment is limited to athletic team candidates and includes, sport specific aerobic and anaerobic conditioning, drill technique, strength conditioning, speed development and game play. Intercollegiate athletics course emphasizing preseason conditioning. Students who repeat this course will improve skills and fitness through further instruction and practice.  Note: UC campuses give a maximum of four semester units of credit for Physical Education activity units.  PHED B34C changed to KINS B13C - Combination of both courses not to exceed 3 times.	New	1			Hybrid, Online, Interactive	Add	Add	BC GE E2	Summer 2023
A	LIBRB60NC	Strategies for Finding Information	This course is designed to equip students with the fundamental skills of finding information for academic research. Topics included are topic narrowing, search strategies, types of sources, and database and internet navigation for searching. This course is intended to be first in the sequence for achieving the Certificate of Competency in Academic Research Skills.	New	0	9 hours		Hybrid, Online, Interactive				Summer 2023
B	LIBRB61NC	Evaluating Information for Research	This course is designed to build on the basic research skills of information finding learned in LIBR B60NC. Topics include evaluating sources, understanding bias and misinformation, and using information ethically. This course is intended to be the second in the sequence of courses for achieving the Certificate of Competency in Academic Research Skills.	New	0	9 hours		Hybrid, Online, Interactive				Summer 2023

**Second Read Curriculum Review  
Courses**

Review Team	Course	Course Title	Course Description	Request Type	Units	Hours	Current Attributes (DE, CE, T, GE)	CE/DE Requests (Hybrid, Online, Interactive)	CSU Transfer	UC Transfer	GE Requests	Start Semester
GE	ADMJB40	Law and Democracy	This course is an introduction to legal concepts in American democracy and contemporary issues: Theories of historical social injustice and movements; examination of law, social justice, democracy, government, civil rights, civil liberties, and citizenship. C-ID LPPS 110	GE Only	3		No change	No change	Approved	Approved	BC GE D1 CSU GE D IGETC 4	Spring 2023
GE	AGBSB2	Agricultural Economics	Course covers the role of agriculture in the economic system. Basic economic principles are applied to agriculture production, pricing and marketing. Emphasis placed on effects of state and federal farm programs on production agriculture's economic position. C-ID: AG-AB 124	GE Only	3		No change	No change	Approved	Approved	BC GE D2 CSU GE D IGETC 4	Spring 2023
GE	ANTHB2	Introduction to Cultural Anthropology	This course explores how anthropologists study and compare human culture. Cultural anthropologists seek to understand the broad arc of human experience focusing on a set of central issues: how people around the world make their living (subsistence patterns); how they organize themselves socially, politically and economically; how they communicate; how they relate to each other through family and kinship ties; what they believe about the world (belief systems); how they express themselves creatively (expressive culture); how they make distinctions among themselves such as through applying gender, racial and ethnic identity labels; how they have shaped and been shaped by social inequalities such as colonialism; and how they navigate culture change and processes of globalization that affect us all. Ethnographic case studies highlight these similarities and differences, and introduce students to how anthropologists do their work, employ professional anthropological research ethics and apply their perspectives and skills to understand humans around the globe. C-ID: ANTH 120	GE Only	3		No change	No change	Approved	Approved	BC GE D1, F CSU GE D IGETC 4	Spring 2023