

CR TYPE	COURSE NAME	ACCN	CR	SESSIONS	PRE-REQUISITES	COURSE DESCRIPTION
GUID	Personal Transition Plan (Part 1)	TCG1105 (1)	0.25	S1, S2, S3, S4		This course is required for graduation beginning with the class of 2012. PTP part 1 provides students with knowledge and skills in learning about themselves, exploring life goals, career and occupations, relating school subjects to future career needs, and making tentative long and short-range educational and/or career plans. Students will be taking online learning and work style inventory quizzes that will help them determine possible education/career options. Students will also be learning about DOE promotion/graduation requirements via pre/post-test and discussions. Students will input information into his/her ePortfolio for future reference when applying for college, military or a job.
GUID	Personal Transition Plan (Part 2)	TCG1105 (2)	0.25	S1, S2, S3, S4		This course is required for graduation beginning with the class of 2012. PTP part 2 will continue to provide students with knowledge and skills in learning about themselves, exploring life goals, career and occupations, relating school subjects to future career needs, and fine tune long and short-range educational and/or career plans. Students will learn how to write a resume, develop his/her post high school support system, and completely update his/her ePortfolio.
HEA	Health Today and Tomorrow	HLE1000	0.5	S1,S2,S3		Students will develop skills that promote and protect the health of themselves and others. Topic areas include mental and emotional health, healthy eating and physical activity, personal health and wellness, safety and prevention of injury and violence, promotion of a tobacco, alcohol, and drug-free lifestyle, sexual health and responsibility, and environmental impacts on health.
LA	English 1A / 1B	LCH1011/ LCH1012	0.5/ 0.5	S5/S3		This course explores cultural themes by using primary sources, historical accounts, contemporary and classical literature. The study of literature gives students an opportunity to read, interpret, and respond to literature personally and critically. Our study of language will focus on how it is used in relevant social contexts and by individuals to structure their perceptions and experiences. Both the readings and writing assignments will focus on interpretation of content, analysis and critical thinking. Students will discuss, recognize, and critically evaluate writing as a way to obtain and communicate information.

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LA	English 2A / 2B (American Literature)	LCH2011/ LCH2012	0.5/ 0.5	S1/S2, S3/S4		This course examines various themes by reading culturally diverse selections within a variety of genres and explores the literary treatment of human relations in a multicultural society. Learning will be enhanced through multimedia presentations, textual insight and audio readings of excerpts. Students learn to make conscious choices to clarify and shape their thinking, communicate with each other, and evaluate the effectiveness of their choices. This course presents a variety of poems, short stories, excerpts of novels, as well as historical accounts related to concepts of technology, language, independence, change, nature and choice. American Literature
LA	English 3A (World Literature)/Expository Writing	LWH5211/ LCH3012	0.5/ 0.5	S1/S2, S3/S4		This course begins by analyzing classic and contemporary world literature in the form of short stories, poetry and drama. Students will interpret literary sections as they relate to historical, political and cultural settings. Relevant themes will be explored and connected to 21st century life. Students will discuss, recognize and critically evaluate literature through writing using evidence from the content and applying personal experiences. The second section of the course will focus on expressive sequential essay writing. Students will research, draft and critique as part of the writing process. 3B World Lit.
LA	English 4A / 4B (British Literature)	LCH4011/ LCH4012	0.5/ 0.5	S1/S2, S3/S4		This course focuses on British Literature while providing a balanced program of reading and writing. Students will develop greater precision and refinement in their writing skills by completing tasks which require them to read texts and to conduct independent research in order to extract and construct meaning. Through this course, students will learn how to interpret and respond to literature personally and critically.
MA	Algebra 1A/1B	MAX1110/ MAX1120	0.5/ 0.5	S5/S6	Successful completion of Algebra 1A is required to continue on to Algebra 1B.	Algebra 1A content includes data analysis, linear functions, linear equations and inequalities, systems of equations in two variables, and matrices. NOTE: The HCPS III benchmarks for Algebra 1 are assessed on the Hawaii State Assessment in Grade 10. Algebra 1B content includes nonlinear functions, exponents, products and factors of polynomials, quadratic equations, the real number system, and radical expressions.

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MA	Algebra 2A/2B	MAX1210/ MAX1220	0.5/ 0.5	S5/S6	Successful Completion of Algebra 1A/1B.	Algebra 2A extends the algebraic skills and knowledge developed in Algebra 1B by exploring the real number system in greater depth, providing exposure to various algebraic techniques, and developing the concept of function, including graphing techniques and inverse functions. Students will explore the properties and significance of quadratic functions as well as learning to dissect and expand equations in order to solve problems. Algebra 2B includes quadratic relations and systems, polynomial equations, exponents and logarithms, sequences and series, matrices and determinants, and permutation and combinations. Students will explore the relationship between real-world events and sequences and series in order to understand probability of occurrences.
MA	AP Calculus AB A/B	MCA1041/ MCA1042	1	Y1		The Advanced Placement (AP) Calculus AB includes elementary functions and assumes that students have strong backgrounds in algebra, geometry, trigonometry, and analytic geometry. The course is implemented using the recommended course syllabi provided through the Advanced Placement program of the College Board.
MA	Geometry A/B	MGX1110/ MGX1120	0.5/0. 5	S5/S6	Successful completion of Geometry A is required to continue on to Geometry B	The emphasis of this course is on the understanding and use of relationships among points, lines, and figures. These include properties of various figures, relations among lines such as parallelism, intersections, concurrency and perpendicularity, and relations among figures such as congruence, similarity, and symmetry. Students will apply the mathematical concepts to everyday life, and incorporate problem-solving techniques with their environment. Concepts and processes introduced in Geometry A are further developed and extended to include the following content: right triangle relationships, trigonometric relationships, circle relationships, three-dimensional figures, coordinate geometry, and transformations. Students will apply the mathematical concepts to everyday life, and incorporate problem-solving techniques with their environment.
MA	Modeling Our World 1A/1B	MAX1090/ MAX1095	0.5/ 0.5	S5/S6	Concurrent Enrollment in Algebra 1A/1B	The MOW 1A/1B courses are intended for students needing additional support to be successful in Algebra 1. Students enroll concurrently with Algebra 1A/1B. Students enrolled in MOW 1A do not need to enroll in MOW 1B.

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MA	Modeling Our World 2A/2B	MAX 1190/ MAX1195	0.5/ 0.5	S5/S6		The MOW 2A/2B courses are intended for students needing additional support to be successful in Algebra 2.
MA	Pre-Calculus	MCX1020	0.5	S5	Successful completion of Algebra 2A/2B.	This course extends the study of elementary functions. Graphs and properties of algebraic functions, transcendental functions, and the conics are studied.
MA	Trigonometry	MCX1010	0.5	S6	Successful completion of Pre-Calculus	Designed for students who have a two-year background in algebra, including some coordinate geometry, this course provides intensive study of trigonometric functions, fundamental identities, trigonometric equations, inverse trigonometric functions, and applications including vectors, trigonometric and polar forms of complex numbers.
PE	Physical Education Lifetime Activities	PEP1010	0.5	S5,S6		This course develops and strengthens physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences, including target, net, field, invasion, and aquatic sports and games. Students will assess personal levels of physical fitness that reinforce these physical activities in their daily lives. Students should develop and apply a variety of locomotor and non-locomotor movement skills throughout the course to a range of modified games and lead-up activities. The content of this course should empower learners to actualize a vision of themselves as competent movers with the skills, knowledge, and desire to become life-long participant in physical activities.
PE	Physical Education Lifetime Activities - Community Based	PEP1010(1)	0.5	S5,S6		Community PE is a credit/no credit course that meets Hawaii's physical education content and performance standards. It provides students with a direct opportunity to learn a variety of skills, movements, strategies, tactics, and most importantly how to maintain an overall healthy lifestyle. This course is directly supervised by a school faculty member, and students must get approval prior to the start of an activity. Students will be able to earn 1 PE credit towards graduation requirements.
PE	Physical Education Lifetime Fitness	PEP1005	0.5	S5,S6		This course is designed to integrate physical activity and personal fitness by exposing students to the wide range of physical activity resources available in their school and community. Students will self-assess their personal fitness level, document their physical activity and develop a personal fitness plan by understanding and making goals, using correct techniques of exercising and preparing the appropriate diet and nutrition for the individual student.

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SCI	Basic Physics A/B	SPH6101/ SPH6202	0.5/ 0.5	S1/S2, S3/S4		This course is a laboratory course that emphasizes the use of physics terms and concepts to explain phenomena that occur in a person's daily life and form the basis for understanding the universe around us. Students use scientific investigation and study relationships between science, technology, and society. This includes the relationship between forces, mass, and motion of objects as well as basic understandings regarding major natural forces of gravity, electricity, and magnetism. Students are to meet benchmarks in Physical Science Content Standards 1, 2, 7, and related benchmarks in standard 6.
SCI	Biology 1A/1B	SLH2101/ SLH2202	0.5/ 0.5	S1/S2, S3/S4		Biology 1 is a laboratory course to develop understanding of fundamental life processes, relationships between structure and function, and relations between organisms and their biological and physical environments, their environmental adaptations, classification, reproductions, genetics, and evolution. Emphasis is on the use of scientific investigations to develop inquiry process skills and strategies and to clarify the basic concepts of life and the impact of humans and technology on the quality of life. Students are to meet all benchmarks in Biological Science Content Standards 1-5.
SCI	Chemistry A/B	SPH3601/ SPH3702	0.5/ 0.5	S1/S2, S3/S4		This course is a standard high school chemistry course which is laboratory and inquiry based. Emphasis is on the use of scientific investigations to develop inquiry process skill and strategies to clarify the basic chemistry concepts. Concepts include types of chemical reactions, conservation of energy, entropy, thermal energy and phase changes, periodic table organization, chemical reaction rates, chemical bonding, and nuclear reactions.

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SCI	Environmental Science A	SIH3701	0.5	S1, S2, S3, S4		In this course, students first study processes that are important to global weather and climate patterns, and how humans are impacting these processes. Next, students examine climate model projections on future climate change for the Pacific Ocean area and investigate the consequences projected climate change will have on Hawaii's temperature, rainfall, susceptibility to storms and hurricanes, groundwater resources, sea level, and economy. Finally, students evaluate alternate solutions and take appropriate actions to establishing an improved global environment.
SCI	Physics A/B	SPH5701/ SPH5802	0.5/ 0.5	S3/S4		This is a standard high school laboratory physics course that focuses on a conceptual understanding of thermodynamics, waves, optics, matter and energy, different forces and how they change the motion of objects, and distinguishing among the three major natural forces: gravitational, electrical and magnetic in context with scientific investigation and relationships between science, technology, and society. Students are to meet all benchmarks in Physical Science (P.S.) Content Standards 1, 2, 7, and related benchmarks in standard 6.
SS	A.P. Macroeconomics	CSA6200	1	Y1	Placement by counselor or registrar	This course is designed to give students an in-depth understanding of the principles of economics that apply to an economic system as a whole. This course introduces students to concepts such as scarcity and opportunity costs; specialization; functions of any economic system; and demand and supply. It places emphasis on the study of national income, including inflation and price indices, and price determination, and develops students' familiarity with economic performance measures, economic growth, and international economics, including balance of payments, international finance, and exchange rates.

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SS	A.P. Microeconomics	CSA6100	1	Y1	Placement by counselor or registrar	This course examines fundamental economic concepts necessary to analyze the extent of government influence on production, prices, and distribution in different economic systems and the national economy's global interrelationships and interdependence. It is designed to help students understand how individual and social choices are made in the context of a mixed market economy and what impact public policies have upon social goals, such as freedom and equity. It addresses the nature and functions of product markets, factor markets, and the efficiency, equity, and role of government.
SS	A.P. Psychology	CSA2300	1	Y1	Placement by counselor or registrar	The aim of this course is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses. Students learn some of the explorations and discoveries made by psychologists over the centuries. They also assess the differing approaches adopted by psychologists, including the biological, behavioral, cognitive, humanistic, psychodynamic, and socio-cultural perspectives. Specific topics may include methodology, behaviorism, neuroscience, sensation and perception, developmental psychology, and intelligence and psychological testing.
SS	A.P. United States Government & Politics	CGA6100	1	Y1	Placement by counselor or registrar	This course is equivalent to a semester college introductory course in American government and politics. It is designed to give students an analytical perspective on government and politics in the United States through examination of the fundamental ideological and philosophical traditions and ideas underlying the democratic government established by the Constitution. General concepts are used to interpret American politics, and to develop an understanding of why American citizens hold certain beliefs about politics and how families, schools, and media act to perpetuate or change these beliefs. This course focuses on political parties, including historical evolution, functions and structure, and effects on the political process. Institutions, their relationships to government, and the policy processes of national government are examined. Students study civil rights and civil liberties, as well as the strengths and weaknesses of the Supreme Court decisions as tools of social change.

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SS	Anthropology	CSD2400	0.5	S1, S2, S3, S4		This course uses the tools and methods of the cultural anthropologist to examine the systems, diversity, commonality and dynamics of different world cultures, as well as, looking at the economic, geographic, and social patterns from cross-cultural perspectives. Students will engage in the analysis and evaluation of the ways in which groups change and interact globally.
SS	Geography	CSD2100	0.5	S1, S2, S3, S4		This course develops understanding of geographic terms, classification systems, specific locations and regions, human interaction, and the environment. Students explore present and past societies through geographic tools and methods used to evaluate ecosystems, human patterns, and consequences of human activities on Earth.
SS	Modern History of Hawaii	CHR1100	0.5	S1, S2, S3, S4		This course examines how the decisions of the past account for and impact the circumstances in today's Hawaii, as well as, the technological and multi-cultural development within the islands. Students will use the tools and methods of a social scientist to conduct in-depth historical inquiry that focuses on the geographic, socio-political and economic structures of the interactions and interrelationships that have shaped and continue to influence major decisions facing Hawaii.
SS	Participation in Democracy	CGU1100	0.5	S1, S2, S3, S4		This course provides opportunities for students to actively engage in civic discourse and participation. It engages students in the examination of government, political activity, contemporary issues, decision-making and the democratic process. This course focuses on the principles, values and ideals of American constitutional government, global interactions and interconnections, and issues and roles of American citizens. Students are expected to take an active role as citizens and use the tools and methods of social scientists in their inquiry.
SS	Psychology	CSD2200	0.5	S1, S2, S3, S4		This course examines the physiological and psychological basis for human behavior. It also focuses on examining research methods in psychology, exploring different learning theories, and understanding aspects of behavior disorders. Students will be able to identify the difference between theory and information that is not scientifically supported, within the context of human behavior.

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SS	US History and Government	CHU1110/ CHU1120	0.5/ 0.5	S1/S2, S3/S4		<p>This course has students examine the development of the United States through various historical concepts which include change, civics, geography, anthropology, and economic. Students will judge the past on its own terms, not by present day or current standards, to understand people in the context of their times, and to understand that standards and ideas are constantly changing. Students will examine key ideas, events, people, and movements in the United States, assisting them in developing their own personal, national, and world views necessary to make informed decisions. Students will use the tools and methodologies of the appropriate social scientists to conduct their inquiries.</p>
SS	World History and Culture	CHW1110/ CHW1120	0.5/ 0.5	S1/S2, S3/S4		<p>This course examines human experience through such themes as migration, imperialism, trade, exchanges, and transfers. This course provides a foundation and a rationale for active participation in our global community. It examines diverse perspectives, encourages diverse interpretations and historical empathy, and explores global conflict and cooperation. This course engages students in historical inquiry focusing on the historic, technologic, socio-political, geographic, and economic development of past and contemporary civilizations. Students examine decisions, events, and ideas of the past to make informed judgments on contemporary issues, decisions, and events.</p>