

CATEGORY: LANGUAGE ARTS, MATHEMATICS, & SCIENCE CORE

Course	Code	Blocks/Qtrs. Offered	Credit	Description
MTH148A: Secondary Math I (Sem 1)	07080000090	1	0.5	In this course we will simplify expressions, solve systems of linear equations, learn basic geometric terms and logic, reasoning, and proofs.
MTH 148B: Secondary Math I (Sem 2)	07080000090	3	0.5	
MTH248A: Secondary Math II (Sem 1)	07080000100	1	0.5	This course focuses on extending the number system to include irrational and complex numbers, as well as computation with quadratic polynomials.
MTH248B: Secondary Math II (Sem 2)	07080000100	3	0.5	
MTH348A: Secondary Math III (Sem 1)	07080000110	1	0.5	This course covers statistics, polynomials, rational functions, radical functions, exponentials, logarithms, trigonometry, and modeling.
MTH348B: Secondary Math III (Sem 2)	07080000110	3	0.5	
MTH403A: Pre-Calculus/Trigonometry (Sem 1)	07040000020	1	0.5	This course covers an analysis of functions including quadratics, polynomials, rational, radical, exponential, and logarithmic, right triangle trigonometry, graphs of trigonometric functions, laws of sine and cosine, trigonometric identities, matrices, conics, polar coordinates, and complex numbers.
MTH403B: Pre-Calculus/Trigonometry (Sem 2)	07040000020	3	0.5	
SCI112A: Earth Science (Sem 1)	08040000010	1	0.5	This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate.
SCI112B: Earth Science (Sem 2)	08040000010	3	0.5	
SCI202A: Biology (Sem 1)	08020000010	1	0.5	In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology.
SCI202B: Biology (Sem 2)	08020000010	3	0.5	
SCI302A: Chemistry (Sem 1)	08030000012	1	0.5	This course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry.
SCI302B: Chemistry (Sem 2)	08030000012	3	0.5	
MTH307A: Practical Math (Sem 1)	07070000090	1, 3	0.5	Math done in this course will help students in their everyday lives. Students will learn how to analyze and make sense of data and statistics, learn to use math to model and understand real-life situations, and learn to use math to manage your finances by creating budgets, saving, etc.
MTH307B: Practical Math (Sem 2)	07070000090	2, 4	0.5	
SCI010: Environmental Science	08040000020	1, 2, 3, 4	0.5	In this block course we learn about different aspects of environmental science. This includes the application of scientific process to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science.

SCI030: Forensic Science	36010000085	2, 4	0.5	This course is designed to introduce students to the basic concepts in Forensic Science, beginning with historical perspectives and covering the use of forensics to investigate and solve crimes.
Eng108A: English 9 (Sem 1)	06020000040	1, 3	0.5	Comprehensive course on literature, composition, and language, including listening and speaking. The study of literature includes reading and comprehending a wide variety of literary forms including short stories, nonfiction, poetry, and drama.
Eng108B: English 9 (Sem 2)	06020000040	1, 3	0.5	
Eng208A: English 10 (Sem 1)	06020000050	1, 3	0.5	Students in English 10 will comprehend literature with a purpose through the interpretation of symbols and imagery. Students will learn to appreciate the power of language by examining how important ideas are expressed and analyzing medium and message while strengthening writing skills.
Eng208B: English 10 (Sem 2)	06020000050	1, 3	0.5	
Eng303A: English 11 (American Lit) (Sem 1)	06020000060	1, 3	0.5	In this genre-based course, students sharpen their reading comprehension, vocabulary, and grammar skills. They will analyze important themes in classic and modern works of American literature, including short stories, poetry, drama, and novels.
Eng303B: English 11 (American Lit) (Sem 2)	06020000060	1, 3	0.5	
Eng403A: English 12 (British Lit) (Sem 1)	06020000070	1, 3	0.5	This course will help students sharpen their reading comprehension skills and analyze important themes in classic and modern works of British and World Literature, including short stories, poetry, drama, and novels. Students will refine their skills by writing narratives, research, and more.
Eng403B: English12 (British Lit) (Sem 2)	06020000070	1, 3	0.5	
CS: Basic Writing	06010000033	2, 4	0.5	Students are introduced to the historical importance of journalism in America. They learn investigative skills, responsible reporting, and journalistic writing techniques as they read, respond to, and write their own news and feature articles. Students conduct interviews, research, write, and design their own publications.
CS: Basic Reading	23010000210	1, 3	0.5	In this course, students will explore a range of creative writing genres, including fiction, poetry, and creative nonfiction. Students will develop an intimate understanding of the writing process and its application to various projects.

CATEGORY: FINANCIAL LITERACY

Course	Code	Quarters Offered	Credit	Description
BUS030: Financial Lit - Personal Finance (A)	01000000100	1, 2, 3, 4	0.5	This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students will learn more about topics such as taxation, financial institutions, credit and saving, and investing.

CATEGORY: SOCIAL STUDIES CORE

Course	Code	Quarters Offered	Credit	Description
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HST212A: Geography	09040013060	1, 2, 3, 4	0.5	This course addresses key concepts of physical and cultural geography and focuses on basic themes of world geography: location, place and human interaction with the physical environment; impact of human movement, ideas, and things; and comparisons within and between regions.
HST102A: World History A-Core (World Civ) (Sem 1)	09050000090	1, 3	0.5	This course is an overview of World History from beginnings of civilization to the beginning of modern times. Students will learn about the major political, economic, social, cultural and technological achievements of different civilizations around the world.
HST102B: World History A-Core (World Civ) (Sem 2)	09050000090	2, 4	0.5	This course is an overview of Modern World History, from the Age of Exploration to the contemporary world. Students will focus on the changes in cultures as the world became more globally connected. Students will learn about the people, governments, and events that have shaped the world we live in today.
HST302A: US History (Sem 1)	09050000050	1, 3	0.5	Beginning with the pre-historic peoples of the American continent, students explore the events, places, and people leading up to the Civil War and Reconstruction.
HST302B: US History (Sem 2)	09050000050	2, 4	0.5	The technological, political, economic, geographical, and social changes that marked the United States since the Turn of the Century are explored. This exploration will culminate with the events surrounding 9/11 and the War on Terror.
HST402: US Government & Politics	09060000020	1, 2, 3, 4	0.5	This course begins with an introduction into the history of our Republic. The content explores the principles and institutions of government. It delves into the underpinnings of the Constitution and its utilization by the Legislative, Executive, and Judicial branches of government.

CATEGORY: HEALTH

Course	Code	Quarters Offered	Credit	Description
OTH010: Health Ed II	04010000010	1, 2, 3, 4	0.5	In this course we will discuss the different aspects of health including mental, social, emotional, physical, environmental, and spiritual. We will also discuss important topics such as substance abuse, prevention of disease, and the life cycle.

CATEGORY: FIT FOR LIFE

Course	Code	Quarters Offered	Credit	Description
CS-Participation Skills	4020000060	1, 2, 3, 4	0.5	This class is designed to develop competency in up to five different activities. It offers students instruction in lifetime activities. Individual, dual, and team sports activities are included, with the emphasis on activities offering lifelong participation opportunities.
OTH020: Physical Education (Fitness for Life equivalent)	04020000030	1, 2, 4	0.5	Fitness for Life is an individualized, concepts- based, block course designed to give students the knowledge and skills necessary to self-assess, create, conduct, evaluate, and redesign personal fitness programs.
CS-Lifetime Activities	04020000040	2, 3, 4	0.5	Individualized Lifetime Activities is designed to offer a higher level of proficiency and more in-depth instruction in up to three different lifetime activities. Improved fitness is a

goal of each Individualized Lifetime Activities course. The curriculum is designed to develop competency in up to three lifetime activities.

CATEGORY: FINE ARTS & CTE

Course	Code	Quarters Offered	Credit	Description
ART010A: Fine Arts	02010000060	1, 2	0.5	We will travel through time and explore the symbolism behind cave paintings, ancient Egyptian architecture, Greek and Roman sculpture, and Renaissance masterpieces. You will learn the basic elements and principles of art, and the techniques it has taken humans lifetimes and generations to master.
ART010B: Fine Arts	02010000060	4	0.5	In this class, we will reveal the challenges modern artists had to rise above in order to have their voices heard. You have a voice, a message to share with this world, and one of the goals of this class is to cultivate the courage needed to express yourself!
ART020B: Music Appreciation B	02040000020	2, 4	0.5	This course introduces students to the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The course presents modern traditions, including American jazz, gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop.
TCH030: Image Design & Editing	02010000111	1, 2	0.5	This introductory design course is for students who want to create compelling, professional-looking graphic designs and photos. Students learn the basics of composition, color, and layout through the use of hands-on projects that allow them to use their creativity while developing important foundational skills.
TCH028: Digital Arts I	35020000010	2, 3	0.5	This is an advanced course for students who are serious about pursuing a career in Digital Media. You will learn to use a complicated, mathematically-based, VECTOR software program that professionals use to design logos, t-shirts, billboard signs, and magazine graphics.
TCH029: Digital Arts II	35020000011	4	0.5	This course picks up where Digital Arts I left off. You will continue to hone your vectoring skills, learning many new tips and tricks to create dynamic graphic designs that can be used for print, t-shirts, billboards and websites.
TCH017: 3D Art Modeling	35020000070	3	0.5	When you hear 3D modeling, hopefully you think of your favorite Pixar or Disney animation feature film. 3D Modeling is the process of building characters, objects, and environments within a 3D software program.
TCH018: 3D Art II Animation	35020000075	4	0.5	In this advanced course, students build on the skills they developed in 3D Art I to learn 3D animation techniques. Using Blender, an open-source modeling tool, students master the basics of animation—rigging, bones, and movement—while learning how to apply traditional animation techniques to their 3D models.
OTH050: Workplace Skills	23010000400	1, 3, 4	0.5	Students explore their options for life after high school and implement plans to achieve their goals. They identify their aptitudes, skills, and preferences, and explore a wide range of potential careers They also receive practical experience in

				essential skills such as searching and applying for college, securing financial aid, writing a resume and cover letter, and interviewing for a job.
OTH037: Tourism and Hospitality	37010000100	2	0.5	This course introduces the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel.
TCH070: Game Design	35020000045	2, 4	0.5	With this course, students will learn about different video game software and hardware, various gaming platforms, the technical skills necessary to design games, troubleshooting and Internet safety techniques, and the history of gaming. Students will even have the opportunity to create their own plan for a 2D video game!
TCH101: Digital Photography	02010000110	1, 3, 4	0.5	You're probably already taking photographs with your phone, or perhaps you have a fancy DSLR camera, but you don't know how to use the manual settings? Whether you're using a cell phone camera, a pocket camera, or a DSLR, this class will take your photography skills from beginner to expert!
BUS040: Introduction to Entrepreneurship I	32020000220	1, 3	0.5	In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a nonprofit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, attract investors, market their business, and manage expenses.
BUS060: Introduction to Marketing I	37010000165	1, 3	0.5	Students learn the foundations and functions needed to successfully market goods, services, and ideas to consumers. Professional development, customer service, and social media are presented as keys to students' success. While students study business, economics, selling, human relations, communications, logistics, promotion, product planning, and pricing, they also see marketing as a career choice.
OTH039: Criminology	40060000001	2	0.5	This course introduces students to the field of criminology, the study of crime. Students look at possible explanations for crime from psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles criminals and their misdeeds
TCH321: Computer Science Principles 1	35020000035	1	1.0	
TCH322: Computer Programming I	35020000030	3	1.0	

CATEGORY: DIGITAL STUDIES

Course	Code	Quarters Offered	Credit	Description
CS Exploring Computer Science	05030000001	1, 2, 3, 4	0.5	Exploring Computer Science is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems

CATEGORY: WORLD LANGUAGES

Course	Code	Quarters Offered	Credit	Description
WLG100A: Spanish 1 (Sem 1)	03070000011	1, 3	0.5	Students begin their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Students are initially trained to recognize key sounds and basic vocabulary. Students learn fundamental grammar as embedded in authentic spoken language.
WLG100B: Spanish 1 (Sem 2)	03070000011	1, 3	0.5	
WLG200A: Spanish 2 (Sem 1)	03070000021	1, 3	0.5	Students continue in their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Student not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. This course is conducted almost entirely in Spanish.
WLG200B: Spanish 2 (Sem 2)	03070000021	1, 3	0.5	

CATEGORY: OTHER ELECTIVE CREDITS

Course	Code	Quarters Offered	Credit	Description
HST020: Psychology	09070000010	2	0.5	In this course, students investigate two questions: (1) Why are people the way that they are? and (2) why do they do the things they do? This course is an overview of concepts, key ideas and theories within psychology.
HST050: Sociology	09080000001	1, 3	0.5	Students will learn about how people within a culture interact, organize and learn from each other. Students will learn about key ideas through the lens of each of the three sociological perspectives.
HST416: Economics	09050000100	4	0.5	Students are introduced to the basics of economic principles, and learn how to think like economists. They explore different economic systems, including the American free enterprise system, analyze and interpret data, and consider economic applications in today's world.
HLT212: Medical Terminology	36010013175	1	0.5	This course provides students with an in- depth study of medical terminology. The course will focus on learning prefixes and suffixes and building words associated with the human body, medicine and healthcare industries.
SCI321:Anatomy & Physiology I (Sem 1)	08020000065	1	1.0	This course is designed for students pursuing medical and health related careers or for those who wish to gain a better understanding of the human body that can be applied to everyday life. Areas of study include basic body chemistry, tissues, anatomy and physiology of all body systems, diseases and medical terminology
SCI321:Anatomy & Physiology II (Sem 2)	36010000110	3	1.0	
HST061: Sociology II		4	0.5	In this second introductory course, students will continue to learn about how social institutions affect people's daily lives. Students will learn about the family, religion and education, government and economic systems, cities, social movements, and problems of mass society.
OTH092: Intro to Health Science	03601000090	1, 3	0.5	

Adv Commercial Photography		4	0.5	Prerequisite: Digital Photography- This course is designed for students who want to further enhance their photographic knowledge and abilities. It is an application of the skills learned in Digital Photography with an emphasis on professional jobs and assignments used in commercial photography. CAMERA REQUIREMENT: access to a Digital SLR camera is required for Commercial Photography course. SOFTWARE REQUIREMENT: Adobe Photoshop, Adobe Lightroom
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