Bay Path College

Summer School Course Catalog

2013

Experience the Difference:

Summer at the New American Women's College

Bay Path College's Summer School is an opportunity for women from area high schools, community colleges, currently enrolled Bay Path College students, and community members of any age to pursue their educational goals throughout the 2013 summer. Classes will be held mostly online, with some campus-based classes.

Two Five-Week Sessions:

Session I, May 20, 2013 – June 21, 2013 and Session II, June 24, 2013 – July 26, 2013

ACCREDITATION

Bay Path College is accredited by the New England Association of Schools and Colleges, Inc. through its Commission on Institutions of Higher Education. Inquiries regarding the accreditation status by the New England Association should be directed to the administrative staff of the institution. Individuals may also contact: Commission on Institutions of Higher Education, New England Association of Schools and Colleges, 3 Burlington Woods #100, Burlington, MA 01803; The NEASC toll-free number is 855 88-NEASC or 855 886 3272; Fax: 781 425 1001; E-mail: cihe@neasc.org.

Session 1

May 20, 2013 – June 21, 2013

ACC 100 Introduction to Financial Accounting, *online course* **3 credits**

This course's objective is to develop students' ability to read, interpret, and identify the differences and relationships among the primary financial statements. This objective is met not only by analyzing the effect of business transactions on financial statements and financial ratios but also by recording essential transactions; measuring the amounts of assets, liabilities, owner's equities, revenues, and expenses; and preparing the primary financial statements. This course also explains the difference between the cash and accrual bases of income measurement, the use of t-account analysis in determining important measures of business activity, and how the time value of money affects the measurement of liabilities. *

**For Bay Path students, sophomore status is the prerequisite with the exception of highly qualified first-year accounting majors. All other students should check with their primary institutions.*

ACC 300 Intermediate Accounting 1, *online course* **3 credits**

The primary objective of this course is to explore the historical development of financial reporting and the conceptual framework, the concepts associated with revenue and expense recognition, and the principles governing the measurement and reporting of assets. Topics include a review of essential accounting concepts and the accounting process; accounting changes and error correction; financial statements and their elements, including financial statement disclosures and valuation issues related to cash, receivables, long-term construction contracts, inventory, depreciable assets and natural resources.*

**For Bay Path students ACC 200 and Junior Status is the prerequisite. All other students should check with their primary institutions.*

ART 100 Art History, *online course* **3 credits**

Through a survey of selected works, this course demonstrates the beauty and power of the Western heritage of visual arts and architecture. By studying examples of great art, students learn about the underlying values they express in various time periods.

BIO 110 Biology 1 for Science Majors and Lab, *on campus course* **4 credits**

This course will examine in depth concepts of cellular biology, mitosis, meiosis, developmental biology, genetic variation and heredity, gene expression, recombinant DNA technology, and evolutionary mechanisms. *(3 credit lecture and 1 credit lab fee $133.00)*

BUS 120 Innovations in Business, *online course* **3 credits**

This course provides the 21st Century foundation for business students who will need newly shaped perspectives, solid research and communication skills, positive ethical spirits, and new technological resources to work and make decisions in a global economy. Students are encouraged to develop their own innovative capacities, whether they eventually want to start a business, shine in a nonprofit, or excel in corporate America. They begin to learn how to think as business professionals, entrepreneurs, and innovators, and will learn how to harness information and accurate knowledge to understand industrial and institutional trends and to anticipate future business conditions. Through communication-intensive activities and assignments, students are introduced to principles of economics, business ownership, management, marketing, finance, accounting, business ethics, international business issues, production, and human resources. *

**For Bay Path students this course, BUS 120, is the prerequisite for all business courses. All other students should check with their primary institutions.*

CHE 120 General Chemistry I, *on campus course* **3 credits**

Chemistry I is an introduction to the fundamental facts and principles of chemistry. Topics considered include chemical stoichiometry, atomic structure, the periodic table, chemical bonding, thermochemistry, and physical states of matter.

CHE 120L Lab, *on campus course* **1 credit**

Laboratory experiences will include experiments that illustrate concepts presented in lecture, as well as introduce students to experimental design, computer/instrument interfacing, and the statistical treatment of data. *(Lab fees apply. Corequisite: CHE 120L Chemistry Lab must be taken with CHE 120 General Chemistry I Lecture.)*

CHE 220 Organic Chemistry I, *on campus course* **3 credits**

This course is an introduction to the fundamental principles of organic chemistry. Topics covered will include stereochemistry, reaction mechanisms, basic nomenclature, and the recognition of basic functional groups.*

**For Bay Path students: a grade of C or better in CHE 120 lecture, which is also offered during this summer session, and 121 Lecture is a prerequisite. All other students should check with their primary institutions.*

CHE 220L Organic Chemistry I Lab, *on campus course* **1 credit**

Laboratory exercises will focus on basic techniques of organic synthesis and isolation of organic compounds. Laboratory skills and safety procedures will be stressed. *(Lab fees apply. Corequisite: CHE 220L Organic Chemistry 1 Lab must be taken with CHE 200 Organic Chemistry 1 Lecture).*

CHI 100 Elementary Mandarin Chinese I, *on campus course* **3 credits**

This course covers the basics of Mandarin Chinese -- spoken, written and read. Development of language skills is combined with an introduction to Chinese culture and history. Students will also gain insight into China's contemporary culture and international business environment.

ECO 211 Macroeconomics, *online course* **3 credits**

This course examines the elementary principles of economics involving individual and social choice, economic analysis, supply, demand, the market and the price mechanism. Major concentration is on macroeconomic principles relative to money, the banking system, national income analysis, inflation, unemployment and the dilemma of stabilization, competing theories in contemporary times and world trade, development issues and alternatives, and evolving economic systems.

EDU 110 Introduction to Early Childhood Education, *online course* **3 credits**

This course presents an introduction to the field of early childhood education through an examination of the history and philosophy of early childhood education programs and educational theorists. Emphasis will be placed on understanding the development of early childhood programs and environments in relation to the changing needs of modern society.

EDU 250 Introduction to Special Education, *online course* **3 credits**

This course deals with the implications of disabling conditions on optimal learning potential and daily well-being of children. Emphasis is on identification of disabling conditions and techniques used to promote successful integration of children with and without special needs in education settings. Topics covered include familiarity with individualized education plans, intervention and instructional strategies for diverse learners, and collaborative partnerships with families and community resources.

ENG 124 Research / Writing in Disciplines, *online course* **3 credits**

In this course students will apply the practices for effective reading and writing introduced in ENG 114 to the distinctive language and forms of various disciplines. This course lays the foundation for academic and professional research and stresses the use of appropriate and effective information sources. Readings for a variety of academic audiences will provide students with strategies to communicate in the sciences, business and technology, psychology, liberal studies, and the social sciences. Research and documentation skills appropriate to the disciplines are stressed. In addition to leading students through

the research process from start to finish, this course will examine the many ramifications of academic honesty.*

**For Bay Path students ENG 114 is the prerequisite. All other students should check with their primary institutions.*

FRN 113 French Language and Culture 1, *on campus course* **3 credits**

The course concentrates on learning basic French through constant speaking, reading, writing, and small group communicative activities in the target language. Students read examples of children's literature in order to encounter French as it is taught to young native speakers. The course also incorporates French culture with study devoted to the social life, art, literature, and film of the French people.

GOV 100 American Government, *online course* **3 credits**

This course provides an understanding of the function of the American national government. The development of the Constitution and the American political system are considered in the light of contemporary economic, social, and technological conditions.

HIS 114 The United States to 1870, *online course* **3 credits**

This course is a topical and chronological survey of American history from the time of European settlement through the Civil War and Reconstruction. Emphasis will be placed on historical methodology, interpretive skills, and oral and written expression. Topics to be covered include the impact of settlement on native peoples, slavery, the development of American identity, the creation of an independent government, and the threat posed by the Civil War.

HIS 202 Global History to 1500, *online course* **3 credits**

This course surveys the origins, development, and cross-fertilization of major civilizations in Africa, Asia, Europe, and the Americas from pre-history to 1500 A.D. Attention is given to important themes and human achievements in this early time period, including the agricultural revolution, the rise of cities, kingdoms, and empires, the development of writing, the systematization of religious belief systems, and the development of complex forms of government among various societies. The course encourages students to critically analyze developments in human history, such as advances in technology for making war, treatment of women, notions of superior and inferior societies and civilizations, differing political and philosophical systems, and the ways in which societies have historically distributed, used, and abused power.

HUM 101 Fine and Performing Arts, *online course* **3 credits**

This course highlights significant aspects of music, theatre, dance, and art. Specific musical compositions, art works, and theatre pieces will be explored as expressions of historical events and changing values.

MAT 112 Applied College Algebra, *online course* **3 credits**

This course is designed for diverse students to acquire a solid foundation in non-calculus mathematics. It uses practical mathematics to develop problem-solving and analytical skills. Topics include linear equations, linear inequalities, matrix and its application, linear programming, and the simplex method.*

**For Bay Path students MAT 104 or appropriate placement test score is the prerequisite. All other students should check with their primary institutions.*

MAT 221 Calculus 1, *online course* **3 credits**

This course covers materials on limits, continuity, derivative of a function, techniques of differentiation, and applications of derivatives. It prepares students for further study of MAT 222, Calculus 2. This is an applied calculus course with less emphasis on theoretical rigor. Instead, the emphasis is on basic concepts, methods, and applications.*

**For Bay Path students MAT 130 or appropriate test score is the prerequisite. All other students should check with their primary institutions.*

MLA 101 Sign Language 1, *on campus course* **3 credits**

This course introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community. Students will gain an increased understanding of the Deaf Community and will develop gestural skills as a foundation for ASL enhancement.

MUS 230 Geography of American Music, *online course* **3 credits**

This course explores the diverse landscape of American music culture and offers a thorough introduction to the characteristic styles of major current and historical musical periods in American history. Students will read about, listen to, and research various American music genres and artists in order to understand the evolution of American music. The course will explore how American music is both influencing and influenced by music from around the world.

PHS 101 College Physics 1, *on campus course* **3 credits**

This is a non-calculus based introduction to the principles of physics and their applications. The topics covered include kinematics, Newton's laws of motion, work energy, momentum, and rotational motion.*

**For Bay Path students MAT 112, which is also offered during this summer session, is the prerequisite. All other students should check with their primary institutions.*

PHS 101L College Physics I Lab, *on campus course* **1 credit**

Laboratory sessions will include exercises using computer-interfaced physics equipment and will involve applications of theoretical concepts introduced in PHS 101. *(Lab fees apply. Corequisite: PHS 101L College Physics I Lab must be taken with PHS101 College Physics I).*

PSY 101 Introduction to Psychology, *online course* **3 credits**

This course provides a basic foundation in psychology by introducing numerous psychological perspectives as explanations for human behavior and mental processes. Basic neurophysiology, consciousness, learning, personality theories, psychological disorders, and current interventions are discussed.*

**For Bay Path students, this course is a prerequisite for all other psychology courses. All other students should check with their primary institutions.*

PSY 205 Child Development, *online course* **3 credits**

This course is a study of developmental changes from birth through 12 years old. Prenatal and neonatal issues are also discussed. Physical, emotional, social, and cognitive growth is explored at each age. The dominant theories of development are examined, as well as contemporary issues relating to childhood and parenting. *

**For Bay Path students PSY 101, which is also offered during this summer session, is the prerequisite. All other students should check with their primary institutions.*

SPA 113 Spanish Language and Culture 1, *on campus course* **3 credits**

This course is designed to develop basic skills in oral expression, aural comprehensions, reading writing, and grammar. Course learning activities also introduce students to beginning levels of conversation, composition, and cultural understanding of the Spanish language.

Session II

June 24, 2013 – July 26, 2013

ACC 101 Introduction to Managerial Accounting, *online course* **3 credits**

The primary objective of this course is to explore how accounting information is used to help managers make decisions, with an emphasis on their planning and control activities. This objective is accomplished by exploring the terms that are used to classify costs, key business cost behavior patterns, cost-volume-profit analysis, budgeting, raw materials and direct labor variance analysis, short-run decision making using relevant costs, and performance evaluation. Students are also introduced to how product costs are determined in manufacturing, merchandising, and service businesses.*

**For Bay Path students ACC 100, which is also offered during this summer session, is the prerequisite. All other students should check with their primary institutions.*

ACC 301 Intermediate Accounting 1, *online course* **3 credits**

The primary objective of this course is to introduce the use of present value techniques in the measurement of long-term liabilities. Topics include investment and intangible assets; current liabilities; time value of money concepts applied to notes, bonds, and leases; stockholder's equity; stock options; earnings per share; and the statement of cash flows.*

**For Bay Path students ACC 300, which is offered during the first summer session, is the prerequisite. All other students should check with their primary institutions.*

ART 230 Art in America, *online course* **3 credits**

This course examines the major trends in painting, sculpture, domestic and commercial architecture, and the decorative arts in America from the Colonial Period through the 20th century. Study includes artistic trends in the Colonial North and South, the evolution of style during the 18th and 19th centuries, and trends and innovations during the 20th century. Social and cultural history, including folk art and the gilded age as reflected in the arts, will be stressed.

ART 250 Women in Art, *online course* **3 credits**

This course focuses on prominent women artists and their stylistic contributions to the cultural history of their respective eras. Emphasis is also placed on women as subjects and as patrons of art.

BIO 112 Biology II for Science Majors, *on campus course* **3 credits**

This course will survey the types of organisms representing the diversity of life on the planet and explore the form and function of plants and animals as well as animal behavior.*

**For Bay Path students a grade of C or better in BIO 110 lecture, which is offered during the first summer session, is a prerequisite. All other students should check with their primary institutions.*

BIO 112L Biology II for Science Majors Lab, *on campus course* **1 credit**

Laboratory sessions will involve an investigation of the structure and development of plants, the body design and physiology of invertebrates and vertebrates. *(Lab fees apply). Corequisite: BIO 112L Biology II for Science Majors Lab must be taken with BIO 112 Biology II for Science Majors Lecture.)*

CHE 221 Organic Chemistry II, *on campus course* **3 credits**

This course is a continuation of CHE 220. Topics covered will include an examination of the higher structural classes and functional groups. Organic synthesis and spectroscopic methodologies will be explored.*

**For Bay Path students a grade of C or better in CHE 220 lecture, which is offered during the first summer session, is the prerequisite. All other students should check with their primary institutions.*

CHE 221L Organic Chemistry II Lab, *on campus course* **1 credit**

This is a continuation of CHE 220L. Laboratory exercises will focus on the characterization of organic compounds by spectroscopic and chemical techniques. *(Lab fees apply. Corequisite: CHE 221L Organic Chemistry II Lab must be taken with CHE 221 Organic Chemistry II Lecture.)*

CHI 101 Elementary Mandarin Chinese II, *on campus course* **3 credits**

This course is a continuation of CHI 100 Elementary Mandarin Chinese I. The study of more advanced basic Mandarin Chinese (spoken, written and read) is combined with historical, as well as contemporary, cultural studies.*

**For Bay Path students, successful completion of CHI 100, which is offered during the first summer session, or language assessment is the prerequisite. All other students should check with their primary institutions.*

CRJ 120 Introduction to Criminal Justice, *online course* **3 credits**

This course will be an introduction to the criminal justice system in the United States. Various topic will be covered including: explanations of criminal behavior, law and the criminal justice system, policing strategies, police and the law, courts and courtroom workgroups, proceedings before trial, conviction by

trial and guilty pleas, sentencing, community corrections, prisons and jails, prison life and juvenile justice.

ECO 212 Microeconomics, *online course* **3 credits**

This course will cover microeconomics theories of specialization, trade, income distribution and consumer choice; the theory of the firm; real-world market analysis; the problems of modern society; and the overview of evolutionary growth and change in the American economy.

ENG 122 Literary Genres, *online course* **3 credits**

Selected readings in fiction, poetry, and drama introduce the student to literary types and techniques. Readings provide a basis for collegiate-level discussion, analysis, and the development of critical judgment.*

**For Bay Path students ENG 114 is the Prerequisite. All other students should check with their primary institutions.*

FRN 114 French Language and Culture II, *on campus course* **3 credits**

The course continues the study of basic French with writing, reading, and conversational activities, as well as further opportunities to study francophone cultures and lifestyles. Students will read one or two examples of more advanced children's literature from France in order to practice reading and discussion skills.*

**For Bay Path students FRN 113, which is offered during the first summer session, or appropriate placement test score is the prerequisite. All other students should check with their primary institutions.*

GEO 102 Introduction to Geography, *online course* **3 credits**

This course introduces students to basic geographic concepts, familiarizing them with broad, world-scale patterns. The course provides an understanding of geography as a comprehensive discipline that draws knowledge from various other subject areas that focus on patterns of physical distribution (i.e. mountains, forests, deserts, bodies of water, etc.) on the earth's surface and the interrelationships between peoples and their environments.

HIS 115 US from 1877, *online course* **3 credits**

This course is a topical and chronological survey of American history from the end of Reconstruction to the present. Heavy emphasis will be placed on the discipline of history, and in developing interpretive, oral, and written skills. Topics to be covered include the emergence of Jim Crow, the expansion of America, the Gilded Age, reform movements, America at War, the Depression and New Deal, the Cold War, the turbulent 1960's, social movements, recent political developments, and the role of the United States in a multinational/multi-ethnic world.

HIS 203 Global History from 1500 to Present, *online course* **3 credits**

HIS 203 builds upon knowledge, themes, ideas, and issues introduced in HIS 202 and carries the study of human history forward into the modern world. The course treats the growth and development of nations and of relationships between nations as global regions and worldwide organizations emerge in contemporary times. At the core of the course is a broad treatment of major social, political, economic, religious, and philosophical movements and themes as these have shaped various peoples and groups of people around the world in the past 500 years.

MAT 120 Statistics, *online course* **3 credits**

This is an introduction to the basic descriptive and inferential statistics for students from all disciplines. It emphasizes the development of statistical literacy and the use of computer for analyzing data. Topics include principles of experimental design; graphical and numerical methods for summarizing, describing, exploring and analyzing data; binomial and normal probability distributions; point and interval estimates for means and proportions; hypothesis testing; and correlation and regression.

MAT 222 Calculus II, *online course* **3 credits**

This course covers materials on techniques of integration, differential equations, and their applications. This is an applied calculus course with less emphasis on theoretical rigor. Instead, the emphasis is on basic concepts, methods, and applications.*

**For Bay Path students, MAT 221, which is offered during the first summer session, or equivalent is the prerequisite. All other students should check with their primary institutions.*

MLA 102 Sign Language II, *on campus course* **3 credits**

This course is a continuation of MLA 101 Sign Language I. This course introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community. Students will gain an increased understanding of the Deaf Community and will develop gestural skills as a foundation for ASL enhancement.

PHS 102 College Physics II, *on campus course* **3 credits**

This course is a continuation of PHS 101. The topics include oscillatory and wave motion, thermal physics, electricity and magnetism, and optics.*

**For Bay Path students PHS 101, which is offered during the first summer session, is the prerequisite. All other students should check with their primary institutions.*

PHS 102L College Physics II Lab, *on campus course* **1 credit**

Laboratory sessions will include exercises using computer-interfaced physics equipment and will involve applications of theoretical concepts introduced in PHS 102. *(Lab fees apply. Corequisite: PHS 102L College Physics II Lab must be taken with PHS 102 College Physics II Lecture.)*

PSY 206 Adolescent & Adult Development, *online course* **3 credits**

This course surveys how people develop and change from the onset of adolescence through late adulthood. Different theoretical perspectives and contemporary information relating to the physical, social, emotional, and cognitive realms are examined.*

**For Bay Path students PSY 101, which is offered during the first summer session, is the prerequisite. All other students should check with their primary institutions.*

SOC 100 Principles of Sociology, *online course* **3 credits**

This course introduces students to the major concepts and methods of sociology. Emphasis will be on the components of culture, the structure and institutions of society, the elements of social organization and differentiation, and sociological approaches to the analysis of groups.

SPA 114 Spanish Language and Culture 11, *on campus course* **3 credits**

The course continues the study of basic skills in oral expression, aural comprehension, reading, writing, and grammar. Intermediate level skills in conversation, composition, and cultural understanding are also introduced.*

**For Bay Path students SPA 113, which is offered during the first summer session, or appropriate placement test score is the prerequisite. All other students should check with their primary institutions.*

SPE 548 Working with English Language Learners, *online course* **3 credits**

The course focuses on current theories and their applications related to the teaching of English Language Learners (ELLs). This course is designed to promote continuous improvement in educator practice, and to build teachers' confidence and familiarity with research-proven practices for working with ELLs. This course is made up of two modules: A) ELLs: Their World and Second Language Acquisition Process in the SEI Classroom and B) Academic Language and Literacy Development in the SEI Classroom.

THR 270 Special Topics (Play Writing), *on campus course* **3 credits**

This course will explore the terrain of writing a new play through interactive exercises and assignments. Students will mine for material and conjure both vivid dialogue and dramatic conflict. This course will teach students key approaches to plot, action, and character development. Students will also hear new writings, receive constructive feedback, and read inspiring classic and contemporary plays.