



ROXBURY COMMUNITY COLLEGE SCHEDULE OF COURSES

Current students register on line at WWW.RCC.MASS.EDU

Req#	Course	Title	Crd	Max	Bld/Rm	Days	BEGIN	END
15563	ACS 100 EA	COLL. SURVIVAL SEMNR	1.0	20	3-107	W	10:30:00 AM	1:00:00 PM
15564	ACS 100 EB	COLL. SURVIVAL SEMNR	1.0	20	3-522	W	5:45:00 PM	8:15:00 PM

This course, required for all first-year matriculating students, is designed to promote awareness of issues critical to student success within and beyond Roxbury Community College. Students are introduced to college resources, and each student develops an education plan outlining all courses needed to earn a degree or certificate. For the final project, students develop career plans for the five years after leaving Roxbury Community College. Cultural awareness and appreciation are woven into the course. This course is required for graduation.

15565	ACS 102 EA	THE COLLEGE EXPERIENCE	3.0	20	3-103	M W R	8:15:00 AM	10:45:00 AM
15566	ACS 102 EB	THE COLLEGE EXPERIENCE	3.0	20	3-103	M W R	6:00:00 PM	8:30:00 PM

This course is designed to provide students with the tools for improving course work in all subject areas. Students will explore learning strategies for academic success through extensive reading, writing, and classroom discussions. The course will also promote awareness of academic and student support resources available at RCC. This course can be used as a general elective and satisfies the College Survival Seminar requirement.

15432	BUS 101 EA	PRINCIPLES OF ACCOUNTING I	3.0	20	3-521	M W R	11:00:00 AM	1:30:00 PM
15433	BUS 101 EX	PRINCIPLES OF ACCOUNTING I	3.0	20	3-521	T R	5:30:00 PM	9:00:00 PM

PREREQUISITES: ENG101 or Concurrent, MAT099

The fundamental principles of accounting theory are the focus of this course. Emphasis is placed on understanding the accounting cycle, journals, ledgers, adjusting and closing entries, working papers, and financial statements.

15575	BUS 104 D1	Web COMPUTERIZED ACCT	3.0	25	-		8:00:00 AM	8:00:00 PM
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Students enrolled in this course will learn to use accounting software packages to set up and maintain computerized accounting records. Topics covered will include customer, vendor and employee records, accounts payable, accounts receivable, banking, payroll, job costing, and financial statement preparation. Integration of accounting data with word processing and spreadsheet applications will also be introduced.

BUS101

15434	BUS 201 EA	INTERMEDIATE ACCOUNTING I	3.0	25	3-523	M W R	11:00:00 AM	1:30:00 PM
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PREREQUISITE: BUS102

In this course, students will examine valuation problems relating to inventories, investments, receivables, and other assets. An emphasis is placed on accounting principles, income determination, and the preparation of financial statements.

15435	BUS 206 EA	INTRO TO FINANCE	3.0	25	3-522	M W R	8:15:00 AM	10:45:00 AM
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PREREQUISITE: BUS102

An introduction to financial management for business firms is the focus of this course. After a review of financial statements and forms of organization, students will explore the use of assets and cost of capital as management evaluation techniques. Other topics discussed in class include an overview of the securities market, effects of inflation, investment institutions, and the essentials of international finance.

15437	BUS 230 D1	Web INTRO TO BUSINESS	3.0	25	-		8:00:00 AM	8:00:00 PM
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15436	BUS 230 EA	INTRO TO BUSINESS	3.0	25	3-521	M W R	8:15:00 AM	10:45:00 AM
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PREREQUISITE: ENG101

This course introduces students to various business topics, including the global environment of business; management, marketing, and accounting issues; and business organizations. It also explores career opportunities in business.

15438	BUS 231 EA	MANAGEMENT I	3.0	25	3-523	M W R	8:15:00 AM	10:45:00 AM
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PREREQUISITE: ENG101

Management principles, including communication, motivation, and group dynamics are the focus of this course. Through readings, lectures, classroom discussions, and case studies, students will explore problem-solving strategies for effective planning, cost control, and overall organization in a management environment.

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Summer I 2008 Credit Courses

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Req#	Course	Title	Crd	Max	Bld/Rm	Days	BEGIN	END
15557	BUS 232 E9	MANAGEMENT II	3.0	25	-		8:00:00 AM	8:00:00 PM
PREREQUISITE: BUS231 (Available as Independent Study for Graduating student in Summer 2009 - See Dean Jose Alicea)								
As a continuation of Management I, this course examines the supervisory role of the business manager. Students will explore issues such as leadership and motivation, planning, problem solving, staffing, communication, styles of supervision, organizing, and controlling. Through classroom lectures, readings, homework assignments, and case studies, students will learn that successful management is based on both an understanding of business principles and the ability to supervise others.								
15439	BUS 321 D1 Web	BUSINESS LAW I	3.0	25	-		8:00:00 AM	8:00:00 PM
PREREQUISITE: ENG101 or Concurrent <div style="float: right; border: 1px solid black; padding: 2px; margin-top: 5px;">ENG101 or concurrent</div>								
This course introduces students to the legal environment of business. Topics of discussion include sources of law, the court system, business torts, intellectual property, and cyber law, criminal law, E-commerce and dispute resolution, ethics, contract and product liability law.								
15577	CIS 101 EA	INTRO COMP INFO SYS	3.0	18	3-319	M W R	11:00:00 AM	1:30:00 PM
This course introduces the fundamentals of computer classification, particularly with respect to personal computer hardware and software and the World Wide Web; utilize the World Wide Web to research the latest information and as an integrated learning tool; develop an in-depth understanding of why computers are essential components in the business world and society in general; focus on the computer as a valuable productivity tool; recognize the personal computer's position as the backbone of the computer industry and emphasize its use as a stand-alone and networked device; present strategies for purchasing, installing, and maintaining a personal computer system; and, assist students in planning a career in the computer field. The course offers extensive hands-on components in the use of state-of-the-art technology. ENG097 is a prerequisite.								
15586	CIS 111 EA	MICRO OPERATING SYS	3.0	18	3-328	M W R	8:15:00 AM	10:45:00 AM
In this course the students will learn some of the most important topics about Windows 2000 Professional/XP, including customizing Windows 2000/XP, implementing shortcut strategies, using OLE technologies, utilizing Windows 2000/XP Web technology, backing up a hard disk, safeguarding your computer, evaluating system performance, opening DOS sessions, installing software, installing and troubleshooting hardware, and exploring the Windows Registry.								
15441	CIS 141 EX	MICROCOMPUTER APPLICATIONS	3.0	18	3-319	M W	5:30:00 PM	9:00:00 PM
In this course, students will learn the most important topics of Microsoft Office. Topic includes overview of computer concepts, introduction to Windows, Microsoft Word, Microsoft Excel, Microsoft Access, and Microsoft PowerPoint. You will learn how to use Object Linking and Embedding (OLE) to create integrated Office documents. Courseware used is approved for the Microsoft Office User Specialist (MOUS) program. The course offers extensive hands-on components in the use of state-of-the-art technology.								
15497	CJP 100 EA	INTRO TO CRIMINAL JUSTICE	3.0	25	3-524	M W R	8:15:00 AM	10:45:00 AM
This course provides an overview of the history and present-day operation of the criminal justice process in the United States. Students will analyze the role, responsibility, and authority of each of the components of the system: police, courts, and corrections. They will also explore and examine the underlying principles and values of justice.								
15498	ECE 102 EA	OBSERVING & RECORDING	3.0	25	3-348	M W R	8:15:00 AM	10:45:00 AM
PREREQUISITE: ECE101 Students enrolled in this field placement course will observe, analyze, and evaluate childhood behavior in a variety of pre-school settings. Particular attention will be focused on the children's social, emotional, and intellectual skills. Other topics discussed in class include the role of the classroom teacher, the curriculum, and the organization of pre-school settings. Field study comprises two thirds of the course.								
15562	ENG 091 EA	DEV READ & WRITE 2	4.0	22	3-102	M T W R	6:00:00 PM	9:45:00 PM
This course continues the development of reading comprehension and vocabulary skills to help students attain college-level reading skills. The writing focus is on paragraph development and organization, which includes types of paragraphs, idea development, and effective transition. It introduces essay writing. This course does not satisfy any degree requirements.								
15500	ENG 101 EA	ENGLISH COMPOSITION I	3.0	22	3-304	M W R	8:15:00 AM	10:45:00 AM
15501	ENG 101 EB	ENGLISH COMPOSITION I	3.0	22	3-304	M W R	11:00:00 AM	1:30:00 PM
15502	ENG 101 EC	ENGLISH COMPOSITION I	3.0	22	3-304	M W R	6:00:00 PM	8:30:00 PM
PREREQUISITE: ENG099 or Placement To be eligible for this course, student must either pass the placement test for ENG 101, pass ENG 099, or pass ENG 091 with a C or better. The focus of this course is learning how to write narrative, descriptive, expository, and argumentative essays. It prepares the student to write a research paper. Students are required to read and respond to selected short works that will serve as models for their writing assignments.								

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Req#	Course	Title	Crd	Max	Bld/Rm	Days	BEGIN	END
15503	ENG 102 EA	ENGLISH COMPOSITION II	3.0	22	3-306	M W R	8:15:00 AM	10:45:00 AM
15504	ENG 102 EB	ENGLISH COMPOSITION II	3.0	22	3-306	M W R	6:00:00 PM	8:30:00 PM
15573	ENG 102 ED	ENGLISH COMPOSITION II	3.0	22	3-306	M W R	11:00:00 AM	1:30:00 PM

PREREQUISITE: ENG101

In this course, students will continue to develop their writing skills, with an emphasis on proper research procedures. A research paper is required. Students will be introduced to various genres of literature, including poetry, drama, and short stories, and will be required to write a series of short critical essays analyzing selected works.

15507	ENG 220 EA	WORLD LITERATURE I	3.0	25	3-105	M W R	6:00:00 PM	8:30:00 PM
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PREREQUISITE: ENG101

This survey course exposes students to writers from ancient times to the 17th century. Students will read work chosen from Biblical, Greek, Roman, Asian, African, Medieval, and Renaissance literature.

15509	ENG 225 EA	AFRICAN-AMER LIT	3.0	25	3-103	M W R	11:00:00 AM	1:30:00 PM
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PREREQUISITE: ENG101

African-American Literature will present the student with an overview of African-American writers past and present. The course is designed to give students an understanding and appreciation of African-American literature, from early poetry and spirituals through contemporary Black literature.

15511	ESL 048 EA	ESL READING D	3.0	20	3-102	M W R	11:00:00 AM	1:30:00 PM
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This course combination is designed for students who have a high-advanced reading and writing ability in English. Students will learn to write a variety of well organized paragraphs using advanced vocabulary, correct grammar, correct punctuation, and a variety of sentence structures. Students will also read and comprehend a variety of advanced level materials including newspapers, magazines, short stories, and samples from college-level textbooks. Emphasis will be placed on differentiating between fact and opinion, drawing inferences, expanding vocabulary, and developing effective dictionary usage skills. This is the last course in the ESL reading/writing sequence; it will prepare students for English Department courses. This course does not satisfy degree requirements.

15558	HLT 101 EA	LEARNING STRATEGIES FOR SUCCE	MacDonald	3.0	20	3-218	M W	6:00:00 PM	9:40:00 PM
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This introductory course will focus on learning strategies that can be utilized throughout any of the health career curricula. This course is specifically designed for those students who have applied, or will apply, to Community College Nursing and Allied Health programs. Emphasis will be placed on ongoing self-assessment of learning needs and developing the tools necessary for success in a rigorous college health career program. This hybrid course uses some face-to-face learning along with a great deal of distance learning. Although completion of this course does not guarantee admission to health career programs, it is designed to offer study, reading, critical thinking, cultural awareness and test-taking skills necessary for success in the programs.

15559	HLT 175 EA	CLINICAL PRACTICUM III RAD TECH	Martino	5.0	13	HOSP-HO	M T W R F	8:00:00 AM	4:00:00 PM
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15512	HUM 501 EA	LOGIC EVERYDAY USE		3.0	25	3-528	M W R	6:00:00 PM	8:30:00 PM
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The ability to differentiate between valid and invalid reasoning is a valuable tool for all individuals. In this course, students will develop skills to strengthen their own thinking and communicating processes and to recognize and analyze the logic of information encountered in everyday life.

15513	HUM 503 EA	INTRO TO HUMANITIES		3.0	25	3-528	M W R	8:15:00 AM	10:45:00 AM
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The focus of this course is an examination of the different ways in which various cultures have expressed their humanity through philosophy, art, and social mores. Students will explore the ideas of traditional Indian, Chinese, and African cultures and will use this information to gain a greater understanding and appreciation of their own culture and the cultural diversity of today's global village.

15514	HUM 518 EA	PHOTOGRAPHY I		3.0	25	3-325	M W R	11:00:00 AM	1:30:00 PM
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A study of the methods and techniques of black and white photography, including camera use, film development, print mounting, and critical evaluation of photographs. This course also examines various educational and social aspects of photography. Guest lecturers share their expertise in specific photo techniques. Students will use cameras and a photographic darkroom, both of which are provided as part of the course.

15516	LAN 101 EC	APPL.GRAMM.I (LEV-C)		3.0	20	3-206	M W R	8:15:00 AM	10:45:00 AM
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This is an advanced English language course for students who have a strong foundation in spoken English. Students will participate in speaking activities which will enable them to practice using advanced grammatical structures and functions and apply them in a variety of contextual situations. Students will also work with a variety of listening materials in order to improve their listening comprehension.

15517	LAN 102 EC	APPL.GRAM.II (LEV-D)		3.0	20	3-206	M W R	6:00:00 PM	8:30:00 PM
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This is an advanced English language course for students who have a strong foundation in spoken English. Emphasis will be on academic use of grammatical structures which will be practiced in contextual conversation activities. Students will be exposed to lectures where they have to take notes for class discussion.

15518	LAN 111 EB	SPANISH I		3.0	25	3-204	M W R	6:00:00 PM	8:30:00 PM
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PLACEMENT TEST IS REQUIRED

In this introductory Spanish language course for non-Spanish speakers, students will focus on developing basic vocabulary, grammar, and pronunciation skills through reading, listening, and speaking exercises. Students will also be introduced to the cultures of Spanish-countries.

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Summer I 2008 Credit Courses

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15520	LAN 141 EA	FRENCH I	3.0	25	3-204	M W R	8:15:00 AM	10:45:00 AM
<p>PLACEMENT TEST IS REQUIRED</p> <p>Students enrolled in this beginning course in French language for non-French speakers will focus on developing basic vocabulary, grammar, pronunciation, and syntax skills. They will also be introduced to the cultures of French-speaking countries. Programmed audiotapes are available for student use.</p>								
15448	MAT 087 EA	BASIC MATH WITH LAB (10 wks)	4.0	22	3-102	T R F	8:30:00 AM	10:05:00 AM
	Lab	BASIC MATH WITH LAB (10 wks)	4.0	22	3-345	M W	8:30:00 AM	10:05:00 AM
15449	MAT 087 EX	BASIC MATH WITH LAB (10 wks)	4.0	22	3-107	T R	6:00:00 PM	8:00:00 PM
	Lab	BASIC MATH WITH LAB (10 wks)	4.0	22	3-345	M W	6:00:00 PM	8:00:00 PM
<p>Basic Mathematics topics include arithmetic operations with whole numbers, decimals and fractions; ratios and proportions; rates; percentage notation and applications of percentages in sales tax, interest, commissions, and discounts; determining numerical averages and medians; exponents and square roots; measures, including the metric and decimal systems; and geometry. This course does not satisfy degree requirements.</p>								
15450	MAT 088 EA	INTRO ALGEBRA W/ LAB (10 wks)	4.0	22	3-107	T R F	8:30:00 AM	10:05:00 AM
	Lab	INTRO ALGEBRA W/ LAB (10 wks)	4.0	22	3-349	M W	8:30:00 AM	10:05:00 AM
15451	MAT 088 EX	INTRO ALGEBRA W/ LAB (10 wks)	4.0	22	3-107	M W	6:00:00 PM	8:00:00 PM
	Lab	INTRO ALGEBRA W/ LAB (10 wks)	4.0	22	3-345	T R	6:00:00 PM	8:00:00 PM
<p>This course is a continuation of MAT087, Basic Mathematics. Topics include signed numbers, decimal numbers, exponential notation, scientific notation, solving and graphing linear equations, an introduction to polynomials, and systems of linear equations and their graphs. Geometrical topics include lines and angles, closed curves and convex polygons, triangles and similarities, and symmetry and proportion in nature and art. This course does not satisfy degree requirements.</p>								
15461	MAT 099 AA	INTERMEDIATE ALGEBRA (5 wks)	3.0	22	3-441	T W R	8:00:00 AM	10:20:00 AM
15462	MAT 099 AX	INTERMEDIATE ALGEBRA (5 wks)	3.0	22	3-522	T R	5:30:00 PM	9:00:00 PM
15453	MAT 099 EA	INTERMEDIATE ALGEBRA (10 wks)	3.0	22	3-443	T W R	8:00:00 AM	9:15:00 AM
15454	MAT 099 EX	INTERMEDIATE ALGEBRA (10 wks)	3.0	22	3-504	M W	6:00:00 PM	9:00:00 PM
<p>This course is designed for students who want to continue the study of algebra. Topics in this course include polynomial arithmetic, factoring, roots and radicals, quadratic equations and the quadratic formula, and solving word problems. This course does not satisfy degree requirements.</p>								
15463	MAT 101 AX	COLLEGE MATHEMATICS (5 wks)	3.0	30	3-512	T R	5:30:00 PM	9:00:00 PM
15455	MAT 101 EA	COLLEGE MATHEMATICS (10 wks)	3.0	30	3-451	T W R	8:00:00 AM	9:15:00 AM
15457	MAT 101 EX	COLLEGE MATHEMATICS (10 wks)	3.0	30	3-445	T R	6:00:00 PM	8:00:00 PM
<p>PREREQUISITE: MAT099 or Placement</p> <p>A College level mathematics course for majors other than engineering, mathematics, and physical and biological sciences. Emphasis is on quantitative reasoning. Topics include linear, quadratic, and exponential mathematical functions as models of the real world, inverses of functions, applications of mathematics in fields other than exact sciences and engineering. Technology (at least a graphing calculator) is extensively utilized in this course.</p>								
15452	MAT 103 EA	PRE-CALCULUS (10 wks)	4.0	22	3-521	M W	6:00:00 PM	8:30:00 PM
<p>PREREQUISITE: MAT099 or Placement</p> <p>Pre-Calculus is a preparatory course for calculus. It builds upon intermediate level of algebra and makes intensive use of technology to conceptualize functions and methods of function manipulation with emphasis on quantitative change. Topics include a library of functions (linear, quadratic, exponential, logarithmic, polynomial, rational and trigonometric), transformations, compositions, inverses and combinations of functions and solving triangles. This course requires use of technology that is equal or better than TI83 graphing calculator.</p>								
15464	MAT 120 AX	INTRO TO STATISTICS (5 wks)	3.0	30	3-512	M W	5:30:00 PM	9:00:00 PM
15458	MAT 120 EA	INTRO TO STATISTICS (10 wks)	3.0	30	3-512	T R	8:00:00 AM	10:00:00 AM
15459	MAT 120 EX	INTRO TO STATISTICS (10 wks)	3.0	30	3-440	M W	6:00:00 PM	8:00:00 PM
15460	MAT 120 EY	INTRO TO STATISTICS (10 wks)	3.0	30	3-525	T R	6:00:00 PM	8:00:00 PM
15474	MAT 120 EZ	INTRO TO STATISTICS (10 wks)	3.0	30	3-512	S	8:00:00 AM	11:30:00 AM
<p>PREREQUISITE: MAT099 or Placement</p> <p>Introductory Statistics is a non-calculus-based, descriptive statistics course with applications. Topics include methods of collecting, organizing, and interpreting data; measures of central tendency, position, and variability for grouped and ungrouped data; frequency distributions and their graphical representations; introduction to probability theory, standard normal distribution, and areas under the curve.</p>								
15578	OFT 101 EA	KEYBOARDING I	3.0	18	3-319	M W R	8:15:00 AM	10:45:00 AM
<p>Designed for students with little or no previous typewriting experience, this course focuses on developing correct typewriting techniques, accuracy, and speed. Emphasis will be given to developing proficiency in centering, setting tabulations, and typing a variety of materials, including memoranda and business letters.</p>								

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15576	OFT 240 A1	MEDICAL RECORDS MANAGEMENT	3.0	18	3-319	T R	5:30:00 PM	9:00:00 PM
<p>This course is designed to provide Medical Office Administrative Assistant students with the knowledge and skills required to perform effectively the duties and responsibilities maintaining accurate medical records. Students will learn to input patient information, schedule appointments, and handle billing. In addition, they will produce various lists and reports and learn to handle insurance claims both on paper forms and electronically.</p>								
15560	PNC 103 EE	Lec PRACTICAL NURSING III	9.0	24	3-218	M T	9:00:00 AM	12:30:00 PM
		Cli PRACTICAL NURSING III	9.0	24	HOSP-HO	W R F	7:00:00 AM	3:00:00 PM
15473	SCI 099 EE	GENERAL SCIENCE (10 wks)	4.0	18	3-504	T R	8:00:00 AM	10:30:00 AM
		Lab GENERAL SCIENCE (10 wks)	4.0	18	3-503	W	8:00:00 AM	10:30:00 AM
15475	SCI 099 EF	GENERAL SCIENCE (10 wks)	4.0	18	3-504	T R	6:00:00 PM	8:30:00 PM
		Lab GENERAL SCIENCE (10 wks)	4.0	18	3-503	W	6:00:00 PM	8:30:00 PM
<p>This course provides an overview of chemistry, biology, geology, meteorology, astronomy, and physics for students with no previous science background. The course is designed to generate appreciation of science through hands-on laboratory experiments, films, and lectures. Students completing this course should be prepared to handle upper-level science courses. A three-hour lab session is required each week. This course does not satisfy the lab science requirement for graduation.</p>								
15466	SCI 103 EE	BIOLOGY I (10 wks)	4.0	18	3-410	T W	8:00:00 AM	10:30:00 AM
		Lab BIOLOGY I (10 wks)	4.0	18	3-409	R	8:00:00 AM	10:30:00 AM
15467	SCI 103 EF	BIOLOGY I (10 wks)	4.0	18	3-410	T W	6:00:00 PM	8:30:00 PM
		Lab BIOLOGY I (10 wks)	4.0	18	3-409	R	6:00:00 PM	8:30:00 PM
15468	SCI 103 EG	BIOLOGY I (10 wks)	4.0	18	3-410	T W	11:00:00 AM	1:30:00 PM
		Lab BIOLOGY I (10 wks)	4.0	18	3-409	R	11:00:00 AM	1:30:00 PM
<p>PREREQUISITE: SCI099 or Placement</p> <p>This course provides an introduction to basic biological principles, cell structure and function, classical and molecular genetics, and the biology of selected viruses, bacteria, protists, fungi, and plants. Four hours of lecture and a two-hour lab session are required each week.</p>								
15469	SCI 104 EE	BIOLOGY II (10 wks)	4.0	18	3-422	T R	8:00:00 AM	10:30:00 AM
		Lab BIOLOGY II (10 wks)	4.0	18	3-407	R	10:30:00 AM	12:30:00 PM
15470	SCI 104 EF	BIOLOGY II (10 wks)	4.0	18	3-422	W R	6:00:00 PM	8:30:00 PM
		Lab BIOLOGY II (10 wks)	4.0	18	3-407	T	6:00:00 PM	8:30:00 PM
<p>PREREQUISITE: SCI104</p> <p>This course provides an introduction to the biology of animals, the tissues and organ systems of humans, the theory of evolution, and the types and classifications of animals. Four hours of lecture and a two-hour lab session are required each week.</p>								
15471	SCI 106 EE	NUTRITION W/LAB (10 wks)	4.0	18	3-429	T W	8:00:00 AM	10:30:00 AM
		Lab NUTRITION W/LAB (10 wks)	4.0	18	3-503	R	8:00:00 AM	10:30:00 AM
15472	SCI 106 EF	NUTRITION W/LAB (10 wks)	4.0	18	3-429	W R	6:00:00 PM	8:30:00 PM
		Lab NUTRITION W/LAB (10 wks)	4.0	18	3-503	T	6:00:00 PM	8:30:00 PM
<p>PREREQUISITE: SCI099 or Placement</p> <p>This is a basic course in the nutritional value of food and the relation of nutrition to health during the several stages of the growth process; pregnancy, infancy, early childhood, adolescence, adulthood, and old age. This course includes a comprehensive study of nutrients, government food programs and nutrition standards; surveys and interventions. Current nutrition research, popular nutritional concepts, and the importance of nutrition in preventive medicine are stressed. Three hours of lecture and a three-hour lab session are required each week.</p>								
15480	SCI 121 EE	GENERAL CHEM I (10 wks)	4.0	18	3-404	T W	8:00:00 AM	10:30:00 AM
		Lab GENERAL CHEM I (10 wks)	4.0	18	3-507	R	8:00:00 AM	10:30:00 AM
15476	SCI 121 EF	GENERAL CHEM I (10 wks)	4.0	18	3-404	T W	6:00:00 PM	8:30:00 PM
		Lab GENERAL CHEM I (10 wks)	4.0	18	3-507	R	6:00:00 PM	8:30:00 PM
<p>PREREQUISITE: SCI099 or Placement</p> <p>This course provides an introduction to fundamental chemical concepts. Topics include scientific measurements, matter and energy, atomic structure, chemical bonding, the periodic table, stoichiometry, equations, solutions, acid base theory, kinetics, and radiation. A three-hour lab session is required each week.</p>								

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Req#	Course	Title	Crd	Max	Bld/Rm	Days	BEGIN	END
15477	SCI 122 EE	GENERAL CHEM II (10 wks)	4.0	18	3-411	T R	8:00:00 AM	10:30:00 AM
	Lab	GENERAL CHEM II (10 wks)	4.0	18	3-507	W	8:00:00 AM	10:30:00 AM

PREREQUISITE: SCI121

This course is designed primarily for students enrolled in Nursing and Allied Health programs, but is open to all students. An overview of organic chemistry and biochemistry is provided. A three-hour lab session is required each week.

15481	SCI 123 EE	PRINCIPLES OF CHEM I (10 ws)	4.0	18	3-402	T W	6:00:00 PM	8:00:00 PM
	Lab	PRINCIPLES OF CHEM I (10 ws)	4.0	18	3-513	R	6:00:00 PM	8:30:00 PM

PREREQUISITE: SCI099 or Placement, ENG101

Principles of Chemistry is a study of fundamental chemical concepts: scientific measurements, matter and energy, stoichiometry, atomic structure, the periodic table, chemical bonding, gases and liquids. The course is designed primarily for students with a concentration in Biological or Physical Sciences and for students interested in transfer to a four-year program in engineering. A three-hour lab session is required each week.

15482	SCI 124 EE	PRINCIPLES OF CHEM II (10 wks)	4.0	18	3-406	W R	6:00:00 PM	8:30:00 PM
	Lab	PRINCIPLES OF CHEM II (10 wks)	4.0	18	3-513	T	6:00:00 PM	8:30:00 PM

PREREQUISITE: SCI123

A continuation of SCI123, this course covers the periodic properties of the elements, covalent structures, equilibrium, dissociation, redox reactions, acids and bases, electrochemistry, thermodynamics, and an introduction to nuclear chemistry. A three-hour lab session is required each week.

15478	SCI 141 EE	PHYSICS I (10 wks)	4.0	18	3-402	S	8:00:00 AM	1:00:00 PM
	Lab	PHYSICS I (10 wks)	4.0	18	3-311	S	1:30:00 PM	4:00:00 PM

PREREQUISITE: SCI099 or Placement

This course introduces students to the basic principles of physics. Topics include the study of basic units, scientific notation, velocity, acceleration, projectiles, force, motion, collisions, vectors, curvilinear and rotational motion, statics and hydrostatics. A three-hour lab session is required each week.

15479	SCI 143 EE	PRINC OF PHYSICS I (10 wks)	4.0	18	3-411	W R	6:00:00 PM	8:30:00 PM
	Lab	PRINC OF PHYSICS I (10 wks)	4.0	18	3-311	T	6:00:00 PM	8:30:00 PM

PREREQUISITE: MAT201 or Concurrent

Principles of Physics is a rigorous physics course with a laboratory session, designed primarily for students who wish to transfer to a four-year engineering program. Topics include mechanics and energy, rotation, and periodic motion. Much emphasis is placed on problem-solving, and competence in mathematics through algebra and trigonometry is expected. A three-hour lab session is required each week.

15490	SCI 201 EE	ANAT & PHYS I (10 wks)	4.0	18	3-426	T W	8:00:00 AM	10:30:00 AM
	Lab	ANAT & PHYS I (10 wks)	4.0	18	3-403	R	8:00:00 AM	10:30:00 AM
15483	SCI 201 EF	ANAT & PHYS I (10 wks)	4.0	18	3-426	T W	6:00:00 PM	8:30:00 PM
	Lab	ANAT & PHYS I (10 wks)	4.0	18	3-403	R	6:00:00 PM	8:30:00 PM
15484	SCI 201 EG	ANAT & PHYS I (10 wks)	4.0	18	3-426	S	8:00:00 AM	1:00:00 PM
	Lab	ANAT & PHYS I (10 wks)	4.0	18	3-403	S	1:30:00 PM	4:00:00 PM
15485	SCI 201 EH	ANAT & PHYS I (10 wks)	4.0	18	3-426	W R	11:00:00 AM	1:30:00 PM
	Lab	ANAT & PHYS I (10 wks)	4.0	18	3-403	T	11:00:00 AM	1:30:00 PM

PREREQUISITE: Laboratory Biology (SCI103) and Chemistry (SCI121 or SCI123)

This course is designed to provide students with a basic understanding of the structure, function, and disorders of the human body. Topics include an overview of the integumentary, skeletal, muscular, and nervous systems, as well as discussion of tissues and special senses. A three-hour lab session is required each week.

15486	SCI 202 EE	ANAT & PHYS II (10 wks)	4.0	18	3-440	T R	8:00:00 AM	10:30:00 AM
	Lab	ANAT & PHYS II (10 wks)	4.0	18	3-403	W	8:00:00 AM	10:30:00 AM
15487	SCI 202 EF	ANAT & PHYS II (10 wks)	4.0	18	3-440	T R	6:00:00 PM	8:30:00 PM
	Lab	ANAT & PHYS II (10 wks)	4.0	18	3-403	W	6:00:00 PM	8:30:00 PM

PREREQUISITE: SCI201

This course is a continuation of SCI201. Topics include body fluids, electrolytes, and the cardiovascular, lymphatic, respiratory, digestive, urinary, endocrine, and reproductive systems. A three-hour lab session is required each week.

** = Courses reserved for Special Programs.

LC = Learning Communities

Web = Online Course

Course Offering, instructor assignment, and room assignment are subject to change.

Summer I 2008 Credit Courses

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Req#	Course	Title	Crđ	Max	Bld/Rm	Days	BEGIN	END
15488	SCI 204 EE	MICROBIOLOGY (10 wks)	4.0	18	3-445	T R	8:00:00 AM	10:30:00 AM
	Lab	MICROBIOLOGY (10 wks)	4.0	18	3-421	W	8:00:00 AM	10:30:00 AM
15489	SCI 204 EF	MICROBIOLOGY (10 wks)	4.0	18	3-445	M W	6:00:00 PM	8:30:00 PM
	Lab	MICROBIOLOGY (10 wks)	4.0	18	3-421	T	6:00:00 PM	8:30:00 PM

PREREQUISITE: Laboratory Biology (SCI103) and Chemistry (SCI121 or SCI123)

This course explores the history, scope, classification, growth, identification, genetics, and metabolism of microorganisms. Host-parasite interactions, immunology, and some bacterial, viral, fungal, and parasitic diseases are discussed. A three-hour lab session is required each week.

15521	SSI 101 EA	WORLD HISTORY I	3.0	25	3-451	M W R	11:00:00 AM	1:30:00 PM
15522	SSI 101 EB	WORLD HISTORY I	3.0	25	3-451	M W R	6:00:00 PM	8:30:00 PM

PREREQUISITE: ENG101 or Concurrent

This survey course begins with the origins of humanity in Africa and ends with the year 1500, as seen from the perspective of non-Western traditions. Several "cradles of civilization" in Africa, Asia, the Americas, and Europe are compared. Students will examine various aspects of the struggle of nations and classes, including those of the Egyptians, Babylonians, Chinese, Indians, Greeks, Romans, Aztecs, Incas, and Moslems.

15523	SSI 102 EA	WORLD HISTORY II	3.0	25	3-443	M W R	6:00:00 PM	8:30:00 PM
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PREREQUISITE: ENG101 or Concurrent

In this course, students will examine questions raised by the development and underdevelopment of several different types of socioeconomic systems, including early communes, slave societies, feudal societies, and capitalist societies. The course will emphasize relationships between Europe, Africa, the Americas, and Asia, with a focus on how the economic interests of the developed Western industrial nations and European capitalism have influenced world events.

15524	SSI 119 EA	INTRO/US GOVT & POL	3.0	25	3-453	M W R	6:00:00 PM	8:30:00 PM
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PREREQUISITE: ENG101 or Concurrent

This course examines the interaction of the United States government, businesses, and other interest groups that shape the American political system. Discussion will focus on three major questions: who governs the United States, how is it governed, and what are the possibilities for change? A traditional approach to understanding United States government will be augmented by the pluralist view and radical critique.

15525	SSI 122 EA	GENERAL PSYCHOLOGY	3.0	25	3-447	M W R	8:15:00 AM	10:45:00 AM
15526	SSI 122 EB	GENERAL PSYCHOLOGY	3.0	25	3-447	M W R	6:00:00 PM	8:30:00 PM

PREREQUISITE: ENG101 or Concurrent

In this course students will be introduced to major and selected minor schools of psychology. Topics include the history of psychology, learning, motivation, emotion, perception, and personality development.

15527	SSI 123 EA	INTRO TO SOCIOLOGY	3.0	25	3-450	M W R	8:15:00 AM	10:45:00 AM
15528	SSI 123 EB	INTRO TO SOCIOLOGY	3.0	25	3-450	M W R	6:00:00 PM	8:30:00 PM

PREREQUISITE: ENG101 or Concurrent

This course introduces students to the basic theories, concepts, and research methods of society and social systems. Topics include culture, socialization, social stratification, urbanization, modernization, and social change.

15529	SSI 209 EA	HUMAN GROWTH AND DEVELOPMEN	3.0	25	3-450	M W R	11:00:00 AM	1:30:00 PM
15530	SSI 209 EB	HUMAN GROWTH AND DEVELOPMEN	3.0	25	3-441	M W R	6:00:00 PM	8:30:00 PM

Life span development is the term used to describe the biological, cognitive, social, and psychological changes that take place as humans grow from the prenatal stage through birth, infancy, childhood, adolescence, and adulthood and move toward death. Students enrolled in this course will explore both the historical views and contemporary approaches to life span development as they trace human growth from a single-celled organism to the complex interaction of elements that shape adult behavior.

15532	SSI 221 EA	ECONOMICS I (MICRO)	3.0	25	3-453	M W R	11:00:00 AM	1:30:00 PM
15533	SSI 221 EB	ECONOMICS I (MICRO)	3.0	25	3-523	M W R	6:00:00 PM	8:30:00 PM

PREREQUISITE: ENG101

This course introduces students to micro-economic theory, with an emphasis on the U.S. economic system. Topics include a comparison of the neoclassical theories of marginal utility and marginal productivity with the Marxist theories of labor value and surplus value. Students will examine the growth of monopolies and government response to monopolies, the distribution of wealth and income, poverty, and the economic origins and implications of racism. (Fulfills Social Science requirement.)

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Req#	Course	Title	Crd	Max	Bld/Rm	Days	BEGIN	END
15584	SSI 222 EA	ECONOMICS II (MACRO)	3.0	25	3-453	M W R	8:15:00 AM	10:45:00 AM
PREREQUISITE: ENG101 This course introduces students to macro-economic theory, with an emphasis on the concepts of unemployment, inflation, and growth in capitalist and non-capitalist economic systems. Students will explore the "boom and bust" cycle from both Keynesian and Marxist points of view, and will briefly examine the issues of underdevelopment and international trade from the neoclassical and Marxist points of view. This course fulfills the social science requirement.								
15491	TEC 121 EA	INTR ENGR. DESG II/AUTOCAD (10 v	4.0	15	3-330	T R	8:30:00 AM	11:30:00 AM
PREREQUISITE: ENG101 This course is designed to equip students with the basic drafting skills required to represent solid (three dimensional) objects. AutoCAD along with free hand sketching will be utilized to help students gain skills needed to produce and create technical drawings. The orthographic method will be the primary system used to show shape descriptions of objects. Topics include geometric constructions, drawing layouts, pictorials and dimensioning. Students will develop their powers of observation; enhance their ability to express ideas visually, as well as fundamental skills required for more advanced drafting courses.								
15493	TEC 122 EA	INTR ENGR.DESGN II/AUTOCAD (10	4.0	15	3-330	M W	6:00:00 PM	9:00:00 PM
PREREQUISITE: TEC121 The latest version of AutoCAD is used to provide practical experiences in solving drafting design problems. Students will gain an understanding of the newer features, limitations, and enhanced productivity associated with the operation of a micro-based computer aided drafting and design system (CAD). AutoCAD software is the focus of this course. Students will use the computer to produce a variety of simple and moderately complex technical drawings. Students will learn to create multi-view drawings, manage files and plot finished drawings.								