

**SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL**

NEW COURSES			
COURSE ID		EFF DATE	RATIONALE
CHEM 205	<p>Course ID: CHEM205 Course Title: Quantitative Chemical Analysis Units: 5 Lecture: 3 Laboratory: 6 Prerequisite: CHEM 151 Or CHEM 151H</p> <p>Catalog Description: This course explores the principles, calculations, and applications of volumetric, gravimetric, and instrumental analysis as well as practical experience in standardizing reagents and determining the composition of various mixtures pertaining to the chemical laboratory setting. It is designed for second year Chemistry and Biology majors and students pursuing professional careers.</p> <p>Schedule Description: This course explores the principles, calculations, and applications of Analytical Chemistry. It is designed for second year Chemistry and Biology majors and students pursuing professional careers.</p>	FA07	This course is a required, lower-division, Chemistry Major's class that most students are expected to complete to enter third year coursework. In addition, it is required for the new Laboratory Technician program at Loma Linda University.
ENGR 100	<p>Course ID: ENGR100 Course Title: Engineering Career Exploration Units: 1 Lecture: 1 Laboratory: None Prerequisite: None</p> <p>Catalog Description: An introduction to the major fields of specialization in engineering and engineering technology professions. This course gives students a broad understanding of various career opportunities and the specialized demands and rewards of each field.</p> <p>Schedule Description: An introduction to the major fields of specialization in engineering and engineering technology professions.</p>	FA07	This course introduces students to different branches of the engineering profession. The course will give students an opportunity to learn about the special demands and rewards of different career paths within the engineering professions.

MODIFIED COURSES			
COURSE ID		EFF DATE	RATIONALE
AERO 124	<p><input checked="" type="checkbox"/> Catalog Description: Familiarizes the aviator or prospective pilot with the operating principles and construction highlights of both reciprocating and jet aircraft engines.</p> <p><input checked="" type="checkbox"/> Schedule Description: Familiarizes the aviator or prospective pilot with the operating principles and construction highlights of both reciprocating and jet aircraft engines.</p>	FA07	To reflect changes in curriculum.
AERO 126	<p><input checked="" type="checkbox"/> Catalog Description: This course covers the fundamentals of aircraft design and construction including the types of construction; reasons for variances in construction from aircraft to aircraft; manufacturing processes and the basic working principles of major aircraft systems.</p> <p><input checked="" type="checkbox"/> Schedule Description: This course covers the fundamentals of aircraft design and construction including the types of construction; reasons for variances in construction from aircraft to aircraft; manufacturing processes and the basic working principles of major aircraft systems.</p>	FA07	To reflect changes in curriculum.
AERO 134	<p><input checked="" type="checkbox"/> Catalog Description: This course covers the history of civil aviation in the United States including: federal legislation, international treaties and agreements, and regulations pertaining to the management of airports and airplane companies.</p> <p><input checked="" type="checkbox"/> Schedule Description: This course covers the history of civil aviation in the United States including: federal legislation, international treaties and agreements, and regulations pertaining to the management of airports and airplane companies.</p>	FA07	To reflect changes in curriculum.
CD 130	<p><input checked="" type="checkbox"/> Catalog Description: This course will explore the importance of music and movement in the development of the children ages two through eight. Because children's physical and motor maturation influence all other aspects of development this course focuses on planning for motor skill progression through creative and teacher-guided movement. There is equal emphasis on developmentally appropriate musical activities, as well as rhythmic experiences with musical instruments and creative props.</p> <p><input checked="" type="checkbox"/> Schedule Description: This course will explore the importance of music and movement for the development of the young child. It will focus on planning for motor skill progression through creative and teacher-guided movement, musical activities and rhythmic experiences.</p>	FA07	To reflect changes in curriculum
MATH 090	<p><input checked="" type="checkbox"/> Prerequisite: MATH 952 or MATH 952D or eligibility for MATH 090 as determined through the SBVC assessment process.</p> <p><input checked="" type="checkbox"/> Catalog Description: Covers the basic concepts typically introduced in high school algebra, including operations on polynomials, exponents, solving linear and quadratic equations, linear inequalities, word problems, factoring, and rational expressions.</p> <p><input checked="" type="checkbox"/> Schedule Description: Covers the basic concepts typically introduced in high school algebra, including operations on polynomials, solving linear and quadratic equations, and factoring.</p>	FA07	To reflect changes in curriculum.

Curriculum Meetings: 10-23-06; 11-13-06

Conjoint Meeting: 11-15-06

Board of Trustee Meeting: 12-14-06

DELETE COURSES

ACCT 285
AIRTVL 111
AIRTVL 132
AIRTVL 197

Effective: FA07

Rationale: To reflect changes in Curriculum.