

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

MODIFIED COURSES			
COURSE ID		EFF DATE	RATIONALE
BIOL 290	Prerequisites: BIOL 201 or BIOL 270 Corequisites: CHEM 104 or CHEM 212 or CHEM 212H Schedule Description: This course will focus on basic principles of cellular and molecular biology as it relates to biotechnology and laboratory methods utilized in the biotechnology industry.	FA09	<i>To increase the options of prerequisite Biology and Chemistry courses to make the course more accessible to our students.</i>
ELEC 216B	Course ID: ELEC 216C Catalog Description: This course covers the study of electrical power transmission, the National Electrical Code, electrical blueprints, residential and commercial wiring. Schedule Description: This course covers the study of electrical power transmission, the National Electrical Code, electrical blueprints, residential and commercial wiring.	FA09	<i>To modify course number due to the rapid changes in technology, laws and codes, and the necessity for technician re-certification, some agencies (i.e. EPA, FCC, State and Federal governments) are requiring re-certification.</i>
ELEC 217B	Course ID: ELEC 217C Prerequisites: ELECTR 115 and ELECTR 116 Catalog Description: This course covers the study of DC motors, single and polyphase AC motors, and the necessary controls and measuring equipment used for industrial circuit protection and switching equipment. Schedule Description: This course covers the study of DC motors, single and polyphase AC motors, and the necessary controls and measuring equipment used for industrial circuit protection and switching equipment.	FA09	<i>To modify course number due to the rapid changes in technology, laws and codes, and the necessity for technician re-certification, some agencies (i.e. EPA, FCC, State and Federal governments) are requiring re-certification.</i>
ELEC 218B	Course ID: ELEC 218C Catalog Description: This course covers the study of DC, AC, and polyphase motor operation, mechanical and programmable machine controls, relays and programmable logic controllers (PLCs), ladder logic diagrams and the communication network linking the programmer, the controller, the laptop computer and the machine. Schedule Description: This course covers the study of DC, AC, and polyphase motor operation, mechanical and programmable machine controls, relays and programmable logic controllers (PLCs), ladder logic diagrams and the communication network linking the programmer, the controller, the laptop computer and the machine.	FA09	<i>To modify course number due to the rapid changes in technology, laws and codes, and the necessity for technician re-certification, some agencies (i.e. EPA, FCC, State and Federal governments) are requiring re-certification.</i>
ELECTR 110	Catalog Description: This is a comprehensive course in direct current circuit analysis including Ohm's law, series and parallel circuit analysis, voltage and current dividers, DC meters, Kirchhoff's laws, magnetic circuits, and network theorems. Schedule Description: This is a comprehensive course in direct current circuit analysis including Ohm's law, series and parallel circuit analysis, voltage and current dividers, DC meters, Kirchhoff's laws, magnetic circuits, and network theorems.	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>
ELECTR 111	Catalog Description: This course is the laboratory complement to ELECTR 110 including experiments reinforcing the theory of electricity and the necessary technical skills. Schedule Description: This course is the laboratory complement to ELECTR 110 including experiments reinforcing the theory of electricity and the necessary technical skills.	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>

ELECTR 115	<p>Catalog Description: This course is an in depth analysis of alternating current circuits to include AC generation and transformation, inductance and inductive circuits, capacitance and capacitive circuits, time constants, rectangular and polar notation, AC circuit analysis, resonance, and filters.</p> <p>Schedule Description: This course is an in depth analysis of alternating current circuits to include AC generation and transformation, inductance and inductive circuits, capacitance and capacitive circuits, time constants, rectangular and polar notation, AC circuit analysis, resonance, and filters.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>
ELECTR 116	<p>Catalog Description: This course is the laboratory complement to ELECTR 115 including skill training in reading and interpreting measurements on an oscilloscope, using QT boards, function generators, and other test equipment.</p> <p>Schedule Description: This course is the laboratory complement to ELECTR 115 including skill training in reading and interpreting measurements on an oscilloscope, using QT boards, function generators, and other test equipment.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>
ELECTR 155	<p>Catalog Description: This course develops skills in interpreting and creating electronic drawings and circuit board construction and assembly with an emphasis on drawings, soldering, assembly and fundamentals of CAD.</p> <p>Schedule Description: This course develops skills in interpreting and creating electronic drawings and circuit board construction and assembly with an emphasis on drawings, soldering, assembly and fundamentals of CAD.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>
ELECTR 235	<p>Catalog Description: This course covers an analysis of discrete solid state circuits and their design including diodes, circuit configurations, amplifiers and amplification, biasing techniques, feedback principles, FETs, photo devices, and evaluation of designed circuits.</p> <p>Schedule Description: This course covers an analysis of discrete solid state circuits and their design including diodes, circuit configurations, amplifiers and amplification, biasing techniques, feedback principles, FETs, photo devices, and evaluation of designed circuits.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>
PSYCH 105	<p>Prerequisite: MATH 095 Departmental Advisories: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: This class focuses on statistics as applied to the social sciences including such topics as measurement, frequency distributions, measures of central tendency, measures of variability, the normal distribution curve, correlation, sampling, statistical inference, hypothesis testing and an introduction to analysis of variance.</p> <p>Schedule Description: This class focuses on statistics as applied to the social sciences including such topics as measurement, frequency distributions, correlation, sampling, statistical inference, and hypothesis testing.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions, prerequisite and departmental advisories.</i>
PSYCH 110	<p>Prerequisites: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: This class is a survey of the field of mental and emotional disturbances, emphasizing causes and types of disorders. Special attention is paid to the variety of suffering in our culture and the issues raised over classifications of normal and abnormal behavior.</p> <p>Schedule Description: Survey of the field of mental and emotional disturbances, emphasizing causes and types of disorders.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions, and prerequisites.</i>
PSYCH 111	<p>Prerequisites: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: This course is a survey of lifespan developmental psychology from conception through aging. The focus is on five areas: (1) physical development, (2) social development, (3) cognitive development, (4) personality development, and (5) current theory and research which contribute to an understanding of human development over the lifespan.</p> <p>Schedule Description: This course is a survey of lifespan developmental psychology from conception through aging.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions, and prerequisites.</i>

PSYCH 112	<p>Prerequisites: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: This course is a survey of the psychological growth of the normal individual from conception through adolescence with emphasis on stages of development. Particular emphasis is given to physical development, intellectual development, social and emotional development during the first two decades of life. Other topics include good and bad parenting styles and the potential problems encountered by children and adolescents.</p> <p>Schedule Description: This course is a survey of the psychological growth of the normal individual from conception through adolescence with emphasis on stages of development.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions, and prerequisites.</i>
PSYCH 118	<p>Prerequisites: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: This course is a study of selected factors in human sexual behavior. Emphasis is on the psychology of sex and an analysis of assumptions and attitudes toward human sexuality.</p> <p>Schedule Description: This course is a study of selected factors in human sexual behavior emphasizing the psychology of sex and an analysis of assumptions and attitudes toward human sexuality.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions, and prerequisites.</i>
PSYCH 222	<p>Course Title: Independent Study in Psychology</p> <p>Units: 1 - 3</p> <p>Directed Study (Independent Study): 3-9 hours per week</p> <p>Prerequisites: PSYCH 100 or PSYCH 100H</p> <p>Catalog Description: Students with previous course work in Psychology 100 or Psychology 100H may do assigned projects involving research and analysis of selected topics. This independent study is for students who are interested in furthering their knowledge of psychology. Prior to registration, a written contract must be prepared. See instructor for details.</p> <p>Schedule Description: Students with previous course work in Psychology 100 or Psychology 100H may do assigned projects involving research and analysis of selected topics. Prior to registration, a written contract must be prepared. See instructor for details.</p>	FA09	<i>To reflect changes in the title, units, hours, catalog and schedule descriptions, and prerequisites.</i>
TECALC 087	<p>Catalog Description: This course covers practical use and applications of technical calculations on topics such as electrical measurements, temperature, volume, weight, and positioning including the number line, working with dedicated formula, applied problems, geometric principles, graphs, right triangles, coordinate systems, and scientific notation.</p> <p>Schedule Description: This course covers practical use and applications of technical calculations on topics such as electrical measurements, temperature, volume, weight, and positioning including the number line, working with dedicated formula, applied problems, geometric principles, graphs, right triangles, coordinate systems, and scientific notation.</p>	FA09	<i>To reflect changes in the catalog and schedule descriptions.</i>

DELETE COURSES			
COURSE ID		EFF DATE	RATIONALE
ELEC 012		FA09	<i>To reflect changes in curriculum.</i>

DISTRIBUTED EDUCATION

COURSE ID		EFF DATE	RATIONALE
PSYCH 111	100% ONLINE	FA09	<i>One of the planning themes of SBVC is "Access." That is, SBVC affirms the function of the Community College to create educational opportunities that are available and accessible to members of the community. Many of the students who take psychology classes work odd hours and have multiple family obligations. Given these variable and difficult schedules, students need the flexibility of time that an online class affords.</i>