

SAN BERNARDINO VALLEY COLLEGE
SUBMITTED FOR BOARD OF TRUSTEE APPROVAL
JANAUARY 2009

NEW COURSES

Division: Business & Information Technology

Department: Culinary Arts

Course ID: CULART 020

Course Title: CATERING AND BANQUETS I

Units: 5

Lecture: 2 contact hour(s) per week

32 - 36 contact hours per semester

Laboratory: 9 contact hour(s) per week

144 - 162 contact hours per semester

Prerequisite: None

Catalog Description: This course covers catering and banquet techniques for serving 25 to 100 people. It includes developing a catering business that will work with clients to develop an event, including customizing a menu and calculating staffing needs for preparation, cooking, transporting, setting up, serving and cleaning up.

Schedule Description: This course covers catering and banquet techniques for serving 25 to 100 people. It includes developing a catering business that will work with clients to develop an event, including customizing a menu and calculating staffing needs for preparation, cooking, transporting, setting up, serving and cleaning up.

Effective Date: FA09

Rationale: The restaurant and hospitality industries are in need of caterers and personnel experienced in large banquets, especially in the Inland Empire. Catering and banquet techniques greatly differ from restaurant service because of the off-site venues which require specialized food preparation, handling and transportation techniques and special set-ups and themes. The Culinary Arts Advisory Committee has recommended that this course be added to the Culinary Arts curriculum.

Division: Business & Information Technology

Department: Culinary Arts

Course ID: CULART 030X2

Course Title: CATERING AND BANQUETS II

Units: 2 - 6

Laboratory: 6 - 18 contact hour(s) per week

Min: 96 - 108 contact hours per semester

Max: 288 - 324 contact hours per semester

Prerequisite: CULART 020

Catalog Description: This course is classified as an intermediate course in catering and banquets. This course will include the management aspect of catering and banquet services, such as ordering, receiving, purchasing, staffing events, customer service, food presentation and catering set ups for 100 to 500 people.

Schedule Description: This course is classified as an intermediate course in catering and banquets. This course will include the management aspect of catering and banquet services, such as ordering, receiving, purchasing, staffing events, customer service, food presentation and catering set ups for 100 to 500 people.

Effective Date: FA09

Rationale: The restaurant and hospitality industries are in need of caterers and personnel experienced in large banquets, especially in the Inland Empire. Catering and banquet techniques greatly differ from restaurant service because of the off-site venues which require specialized food preparation, handling and transportation techniques and special set-ups and themes. The Culinary Arts Advisory Committee has recommended that this course be added to the Culinary Arts curriculum.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

1 of 40

Division: Business & Information Technology

Department: Culinary Arts

Course ID: CULART 040

Course Title: INTRODUCTION TO BAKING

Units: 3.5

Lecture: 2 contact hour(s) per week

32 - 36 contact hours per semester

Laboratory: 4.5 contact hour(s) per week

72 - 81 contact hours per semester

Prerequisite: None

Catalog Description: This basic baking course highlights baking techniques found in commercial kitchens with a focus on quick breads, cookies, cakes, pies and artisan breads.

Schedule Description: This basic baking course highlights baking techniques found in commercial kitchens with a focus on quick breads, cookies, cakes, pies and artisan breads.

Effective Date: FA09

Rationale: There is an enormous need for people to be trained to work in baking within the restaurant and hospitality industry. In the Culinary Arts courses we currently minimally address the topic of baking; however this lacks the necessary in-depth focus on this subject. The Culinary Arts Department Advisory Committee supports the addition of this course.

Division: Applied Technology & Transportation

Department: Diesel

Course ID: DIESEL 019

Course Title: TRUCK AND BUS HEAVY-DUTY ELECTRICAL SYSTEMS

Units: 4

Lecture: 3 contact hour(s) per week

48 - 54 contact hours per semester

Laboratory: 3 contact hour(s) per week

48 - 54 contact hours per semester

Prerequisite: None

Catalog Description: This course covers basic principles of truck and bus heavy-duty electricity and electronics systems. Detail topics include batteries, charging, starting systems, and the use of a digital multi-meter for analysis and diagnosis of series, parallel, and series-parallel circuits.

Schedule Description: This course covers basic principles of truck and bus heavy-duty electricity and electronics systems. Detail topics include batteries, charging, starting systems, and the use of a digital multi-meter for analysis and diagnosis of series, parallel, and series-parallel circuits.

Effective Date: FA09

Rationale: Heavy-duty vehicles, as with automobiles, have become significantly more dependent on electrical based control systems as opposed to mechanical based control systems to improve their reliability, fuel efficiency as well as emissions reductions. The implementation of computer controlled systems such as engine, transmission, HVAC, navigation and others has further contributed to increased electrical sophistication of current heavy-duty vehicles. Current technicians must have a foundation in electrical theory and hands on practical electrical system diagnosis abilities to be successful and to have professional value in the heavy-duty vehicle maintenance industry. The current Diesel program does not have a truck and bus based electrical course. Instructors must spend time re-mediating basic truck based electrical skills shortages in other advanced classes such as Diesel 026 - Computer Controlled Diesel Engines, diluting the purpose of advanced courses. The Diesel Advisory group also unanimously recommended that this course be added to the diesel curriculum and offerings as well as eventually adding this course to the current diesel certificate requirements.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

2 of 40

Division: Applied Technology & Transportation

Department: Machine Technology

Course ID: MACH 010x2

Course Title: TEST REVIEW FOR NATIONAL INDUSTRY METAL SKILLS (NIMS) CERTIFICATION

Units: 2

Lecture: 2 contact hour(s) per week

32 - 36 contact hours per semester

Prerequisite: None

Catalog Description: This course is a review of the expected range of knowledge (ROK) required to obtain the NIMS Certification. Topics include NIMS mathematics, bench and layout, turning between centers, chucking, milling, surface grinding, drill press, and computerized numerical control (CNC).

Schedule Description: This course is a review of the expected range of knowledge required for NIMS Certification.

Effective Date: FA09

Rationale: This course will ensure students being certified understand the testing process, as well as have adequate preparation to pass the NIMS Certification exams. The existing course does not provide adequate preparation in specific NIMS testing procedures or questions that students may be faced with when being certified. Although MACH 021B also addresses NIMS Machining Level I Standard, it is differed from MACH 010x2 in the way that MACH 021B is addressed machine concepts dealing with basic machine operations utilizing lathes and mills. MACH 010x2 will provide students with specific theoretical information dealing with the NIMS related Level I skills. Students applying for certifications must be proficient in practical application, as well as theoretical concepts for the written exams.

MODIFIED COURSES

COURSE ID	COURSE TITLE
AUTO 075X3	AUTOMATIC TRANSMISSIONS REAR WHEEL DRIVE

Units: 4-6

Lecture: 3 - 3 contact hour(s) per week

Min: 48 - 54 contact hours per semester

Max: 48 - 54 contact hours per semester

Laboratory: 3 - 9 contact hour(s) per week

Min: 48 - 54 contact hours per semester

Max: 144 - 162 contact hours per semester

Catalog Description: This course covers theory and practical work on rear wheel drive automatic transmissions in automobile and light truck applications. Course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test.

Schedule Description: This course covers theory and practical work on rear wheel drive automatic transmissions in automobile and light truck applications. Course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

3 of 40

COURSE ID	COURSE TITLE
AUTO 076X3	AUTOMATIC TRANSAXLES FRONT WHEEL DRIVE

Units: 4-6

Lecture: 3 - 3 contact hour(s) per week

Min: 48 - 54 contact hours per semester

Max: 48 - 54 contact hours per semester

Laboratory: 3 - 9 contact hour(s) per week

Min: 48 - 54 contact hours per semester

Max: 144 - 162 contact hours per semester

Catalog Description: This course covers theory and practical work on front wheel drive automatic transaxles in automobile applications. Course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test.

Schedule Description: This course covers theory and practical work on front wheel drive automatic transaxles in automobile applications. Course offers training to prepare for the Automotive Service Excellence (ASE) A2 certification test.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
AUTO 077	MANUAL TRANSMISSIONS AND TRANSAXLES

Catalog Description: This course covers theory and practical work on front wheel drive manual transaxles and rear wheel drive manual transmissions in automobile and light truck applications including transfer cases, axle assemblies, and clutches.

Schedule Description: This course covers theory and practical work on front wheel drive manual transaxles and rear wheel drive manual transmissions in automobile and light truck applications including transfer cases, axle assemblies, and clutches.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
CD 111	OBSERVATIONS AND METHODS IN CHILD DEVELOPMENT

Title: OBSERVATION AND ASSESSMENT IN CHILD DEVELOPMENT

Catalog Description: This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored.

Schedule Description: This course focuses on the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

4 of 40

COURSE ID	COURSE TITLE
CD 113	PROGRAMS AND PRINCIPLES IN EARLY CHILDHOOD EDUCATION

Title: PRINCIPLES AND PRACTICES OF TEACHING CHILDREN

Catalog Description: This course is an examination of underlying theoretical principles of developmentally appropriate practices applied to programs, environments, emphasizing the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative and intellectual development of all children. This course includes a review of historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics and professional identity.

Schedule Description: This course is an examination of underlying theoretical principles of developmentally appropriate practices and teaching strategies in supporting physical, social, creative and intellectual development of all children.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
CD 114	CREATIVE CURRICULUM IN EARLY CHILDHOOD EDUCATION

Title: INTRODUCTION TO CURRICULUM

Catalog Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum and environments for young children from birth to age six. Students will examine a teacher's role in supporting development and fostering the joy of learning for all young children using observation and assessment strategies emphasizing the essential role of play. An overview of content areas will include but not be limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science.

Schedule Description: This course presents an overview of knowledge and skills related to providing appropriate curriculum for young children from birth to age six. An overview of content areas will include but not be limited to: Language and literacy, social and emotional learning, sensory learning, art and creativity, math and science.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
CD 138	CULTURAL DIVERSITY - ANTI-BIAS CURRICULUM

Title: TEACHING IN A DIVERSE SOCIETY

Catalog Description: This course is an examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course includes self-examination and reflection on issues related to social identity, stereotypes and bias, social and educational access, media and schooling.

Schedule Description: This course is an examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

COURSE ID	COURSE TITLE
CD 205	CHILD GROWTH AND DEVELOPMENT LABORATORY

Title: CHILD DEVELOPMENT PRACTICUM / FIELD EXPERIENCE

Catalog Description: This course is a demonstration of developmentally appropriate early childhood teaching competencies under guided supervision. Students will utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children.

Schedule Description: This course is a demonstration of developmentally appropriate early childhood teaching competencies under guided supervision.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
RM 110X3	RESTAURANT INTERNSHIP I

Course ID: CULART 010X4

Title: CULINARY ARTS INTERNSHIP

Units: 2 - 5.5

Laboratory: 18 - 49.5 contact hour(s) per week

Min: 288 - 324 contact hours per semester

Max: 792 - 891 contact hours per semester

Catalog Description: This course provides a supervised internship in the Culinary Arts Program's operational restaurant. The concentration will be on building basic preparation techniques, recipe standardization, time management and preparing meals for customers (Formerly RM 110x3).

Schedule Description: This course provides a supervised internship in the Culinary Arts Program's operational restaurant. The concentration will be on building basic preparation techniques, recipe standardization, time management and preparing meals for customers (Formerly RM 110x3).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM/FS 101	INTRODUCTION TO RESTAURANT MANAGEMENT/FOOD SERVICE

Course ID: CULART 101

Title: INTRODUCTION TO CULINARY ARTS

Corequisite: None

Catalog Description: An overview of the food service and hospitality industries with an emphasis on career opportunities, customer service, and personal success strategies. Brief history, description and interrelationships of key industry segments emphasizing the application of technology, ethics, leadership, teams, critical thinking, and service standards for the restaurant and hotel-related business. (Formerly RM/FS 101)

Schedule Description: An overview of the food service and hospitality industries with an emphasis on career opportunities, customer service, and personal success strategies. Brief history and description of key industry segments emphasizing technology, ethics, leadership, teams, and service standards. (Formerly RM/FS 101)

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

6 of 40

COURSE ID	COURSE TITLE
RM 160	INTRODUCTION TO FOODS

Course ID: CULART 160

Catalog Description: This course introduces food science principles and food preparation procedures and practices. The emphasis is on food safety and sanitation, ingredient functions and interactions, techniques and food presentation. (Formerly RM 160)

Schedule Description: This course introduces food science principles and food preparation procedures and practices. (Formerly RM 160)

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM/FS 161	QUANTITY FOOD PREPARATION

Course ID: CULART 161

Prerequisite: None

Departmental Advisory: CULART 160 or FCS 160

Catalog Description: This course explains the basic principles, standards, procedures, and techniques necessary to prepare food for quantity production (Formerly RM/FS 161).

Schedule Description: This course explains the basic principles, standards, procedures, and techniques necessary to prepare food for quantity production (Formerly RM/FS 161).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM/FS 201	FOOD SERVICE OPERATIONS AND RESTAURANT

Course ID: CULART 201

Title: CULINARY AND HOSPITALITY MANAGEMENT

Catalog Description: This course highlights the effective management techniques of human resources as it applies to hotels, restaurants and other hospitality workplaces. It emphasizes personnel planning, recruitment, selection, training, performance management, coaching, counseling and discipline, delegation and decision making (Formerly RM/FS 201).

Schedule Description: This course highlights the effective management techniques of human resources as it applies to hotels, restaurants and other hospitality workplaces. It emphasizes personnel planning, recruitment, selection, training, performance management, coaching, counseling and discipline, delegation and decision making (Formerly RM/FS 201).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

COURSE ID	COURSE TITLE
RM/FS 225	SANITATION AND SAFETY

Course ID: CULART 225

Prerequisite: None

Departmental Advisory: CULART 160 or FCS 160

Catalog Description: This course focuses on the sanitation and safety issues involved with handling food through the foodservice process. Topics include the prevention of foodborne illnesses; responsibilities of the foodservice manager and employees; the characteristics of a food-safe facility; food safety guidelines; and Hazard Analysis and Critical Control Point system (HACCP) and Serve Safe. (Formerly RM/FS 225)

Schedule Description: This course focuses on the sanitation and safety issues involved with handling food through the foodservice process. Topics include the prevention of foodborne illnesses; responsibilities of the foodservice manager and employees; the characteristics of a food-safe facility; food safety guidelines; and Hazard Analysis and Critical Control Point system (HACCP) and Serve Safe. (Formerly RM/FS 225)

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM 235	MENU PLANNING

Course ID: CULART 235

Title: MENU PLANNING PRINCIPLES

Prerequisite: None

Departmental Advisory: CULART 101 or CULART 160

Catalog Description: This course presents the menu as the central influence on all foodservice functions. It focuses on the development of menus with an emphasis on the practical details of costing, planning, analyzing, purchasing and production, promotion and service. This course is also offered as FCS 235 (Formerly RM 235).

Schedule Description: This course presents the menu as the central influence on all foodservice functions. It focuses on the development of menus with an emphasis on the practical details of costing, planning, analyzing, purchasing and production, promotion and service. This course is also offered as FCS 235 (Formerly RM 235).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM/FS 240	PURCHASING

Course ID: CULART 240

Title: PROCUREMENT, PURCHASING AND SELECTION

Departmental Advisory: CULART 160 or FCS 160 and CULART 235 (Formerly RM 235) or FCS 235

Catalog Description: This course covers purchasing policies, specifications, procedures and controls and their implementation in the procurement of quantity foods, merchandise and supplies. (Formerly RM/FS 240)

Schedule Description: This course covers purchasing policies, specifications, procedures and controls and their implementation in the procurement of quantity foods, merchandise and supplies. (Formerly RM/FS 240)

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

COURSE ID	COURSE TITLE
RM 250	DINING ROOM SERVICE

Course ID: CULART 250

Title: FOOD, WINE AND BEVERAGE SERVICE CONCEPTS

Prerequisite: None

Catalog Description: This course covers the psychology of service, dining room organization, serving styles, wine and beverage service, staffing and management; a thorough study of major wine grape varieties and world wide appellations where they are grown (Formerly RM 250).

Schedule Description: This course covers the psychology of service, dining room organization, serving styles, wine and beverage service, staffing and management; a thorough study of major wine grape varieties and world wide appellations where they are grown (Formerly RM 250).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
RM 275	FOOD AND BEVERAGE COST CONTROL

Course ID: CULART 275

Title: FOOD, BEVERAGE AND LABOR COST CONTROL

Prerequisite: CULART 235

Catalog Description: This course includes the analysis of food, beverage and labor cost controls. Areas covered include cost, volume, profit relationships, food cost determination, standard costs, forecasting, sales control, menu pricing, beverage and labor control, and break-even analysis (Formerly RM 275).

Schedule Description: This course includes the analysis of food, beverage and labor cost controls. Areas covered include cost, volume, profit relationships, food cost determination, standard costs, forecasting, sales control, menu pricing, beverage and labor control, and break-even analysis (Formerly RM 275).

Effective Date: FA09

Rationale: Content Review to reflect change from RM to CULART.

COURSE ID	COURSE TITLE
DIESEL 024	ADVANCED HEAVY-DUTY DIESEL ENGINES

Course ID: DIESEL 024X3

Catalog Description: This course covers theory and practical shop work in the repair, operation, and maintenance of various heavy-duty diesel engines. Topics include general troubleshooting and diagnostic testing of engine components and systems found in most engines from a variety of engine manufacturers. This course is an advanced engine rebuild class.

Schedule Description: This course is an advanced engine rebuild class, which covers theory and practical shop work in the repair, operation, and maintenance of various heavy-duty diesel engines.

Effective Date: FA09

Rationale: Content Review; add x3 (repeatable 3 times)

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

9 of 40

COURSE ID	COURSE TITLE
DIESEL 026	CONTROLLED DIESEL ENGINES

Course ID: DIESEL 026X3

Title: COMPUTER CONTROLLED DIESEL ENGINES

Prerequisite: DIESEL 019

Catalog Description: This course covers theory and practical shop work in the repair, operation, and maintenance of computer controlled diesel engines. Topics include general troubleshooting and diagnostics using assorted electronic and computerized test equipment on operable computer controlled diesel engines.

Schedule Description: This course covers theory and practical shop work in the repair, operation, and maintenance of computer controlled diesel engines.

Effective Date: FA09

Rationale: Content Review; add x3 (repeatable 3 times); Modify Prerequisite - Basic knowledge of truck and bus electricity and electronics systems is required prior to enrolling in this course.

COURSE ID	COURSE TITLE
FRENCH 101	COLLEGE FRENCH I

Catalog Description: In this course students develop the ability to converse, read and write in French. The course includes the study of essentials of pronunciation, vocabulary, idioms and grammatical structures along with an introduction to the culture of French-speaking peoples. This course corresponds to two years of high school study.

Schedule Description: A. In this course students develop the ability to converse, read and write in French. The course includes the study of essentials of pronunciation, vocabulary, idioms and grammatical structures along with an introduction to the culture of French-speaking peoples. This course corresponds to two years of high school study.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
SPAN 015	CONVERSATIONAL SPANISH I

Catalog Description: In this course students will learn to develop conversational listening, comprehension and speaking skills in the Spanish language. The course is designed for students who wish to learn to communicate orally in Spanish for purposes of personal use or business.

Schedule Description: In this course students will learn to develop conversational listening, comprehension and speaking skills in the Spanish Language. The course is designed for students who wish to learn to communicate orally in Spanish for purposes of personal use or business.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

10 of 40

COURSE ID	COURSE TITLE
SPAN 016	CONVERSATIONAL SPANISH II

Catalog Description: In this course students will develop additional conversational skills, listening comprehension and the ability to speak the Spanish language.

Schedule Description: In this course students will develop additional conversational skills, listening comprehension and the ability to speak the Spanish language.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
SPAN 102	COLLEGE SPANISH II

Catalog Description: In this course students continue to develop conversational, reading and writing skills in Spanish with emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking countries.

Schedule Description: In this course students continue to develop conversational, reading and writing skills in Spanish with emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking countries.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
SPAN 103	COLLEGE SPANISH III

Catalog Description: In this intermediate level course students develop complex conversational, reading and writing skills, with emphasis on the subjunctive and hypothetical situations. This course expands vocabulary in the Spanish language and awareness of Hispanic culture.

Schedule Description: In this intermediate level course students develop complex conversational, reading and writing skills, with emphasis on the subjunctive and hypothetical situations. This course expands vocabulary in the Spanish language and awareness of Hispanic culture.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
SPAN 103H	COLLEGE SPANISH III - HONORS

Catalog Description: In this intermediate level course students develop complex conversational, reading and writing skills, with emphasis on the subjunctive and hypothetical situations. This course expands vocabulary in the Spanish language and awareness of Hispanic culture. This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework.

Schedule Description: In this intermediate level course students develop complex conversational, reading and writing skills, with emphasis on the subjunctive and hypothetical situations. This course expands vocabulary in the Spanish language and awareness of Hispanic culture. This course is intended for students in the Honors Program but is open to all students who desire more challenging coursework.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

COURSE ID	COURSE TITLE
SPAN 104	COLLEGE SPANISH IV

Prerequisite: SPAN 103 or SPAN 103H or SPAN 158

Catalog Description: This course develops language skills through reading, discussion, analysis, and writing about culturally representative works from Spain and Latin America. Emphasis is on composition and literature as an expression of culture.

Schedule Description: This course develops language skills through reading, discussion, analysis, and writing about culturally representative works from Spain and Latin America. Emphasis is on composition and literature as an expression of culture.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

COURSE ID	COURSE TITLE
SPAN 157	SPANISH FOR NATIVE SPANISH SPEAKERS I

Catalog Description: This is the first of two courses intended for native or heritage Spanish speakers whose formal training in the language has been incomplete. This course develops spelling, conversational, reading and writing skills with special emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking regions. The course is conducted in Spanish and focuses on grammatical topics equivalent to those covered in Spanish 102.

Schedule Description: This is the first of two courses intended for native or heritage Spanish speakers whose formal training in the language has been incomplete. This course develops spelling, conversational, reading and writing skills with special emphasis on past tense verbs, grammar, vocabulary expansion and the culture of Spanish speaking regions. The course is conducted in Spanish and focuses on grammatical topics equivalent to those covered in Spanish 102.

Effective Date: FA09

Rationale: Content Review; Complete sentences in Catalog & Schedule Description

DELETE COURSE

COURSE ID	COURSE TITLE
TECALC 950	SHOP CALCULATIONS

Effective Date: FA09

Rationale: Department no longer wants to offer this course.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

12 of 40

MODIFY DEGREES

AUTOMATIC AND MANUAL TRANSMISSION A.S. DEGREE MAJOR

To graduate with a specialization in Automatic Transmission, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
	or	
AUTO 065	Electrical Accessory Diagnostic	5
AUTO 075X3	Automatic Transmissions Rear Wheel Drive	4 - 6
AUTO 076X3	Automatic Transaxles Front Wheel Drive	4 - 6
AUTO 077	Manual Transmissions and Transaxles	4
AUTO 084	General Automotive Technology	4
AUTO 090X3	Engine Repair	6
Total Units		27 - 31

Effective Date: FA09

Rationale: Removing TECALC 950 (deleted course).

CHILD DEVELOPMENT A.A. DEGREE MAJOR

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

To graduate with a specialization in Child Development students must complete the required child development courses (28 units) plus the general breadth course requirements for an Associate of Arts Degree.

REQUIRED COURSES (State Alignment Project Courses): **Units**

CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 126	Child, Family, and the Community	3
CD 138	Teaching in a Diverse Society	3

ONE COURSE FROM THE FOLLOWING: **Units**

Specialized Curriculum Classes:		0
CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
CD 168	Early Literacy for Young Children	3

or

Electives Articulated with CSUSB:		0
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3

or

Other Elective:		0
CD 244	Children with Special Needs	3

EXPERIENCE WORKING WITH CHILDREN (State Alignment Project Course): **Units**

CD 198	Child Development Work Experience	4
	or	
CD 205	Child Development Practicum / Field Experience	4

GENERAL EDUCATION COURSES AND ELECTIVES: **Units**

The Child Development Department advises scheduling an appointment with a counselor to create an education plan to include the general breadth requirements and elective units. Please note that CD205, Child Growth and Development Laboratory, is articulated with CSUSB. 32

Total Units **60**

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

CHILD DEVELOPMENT-EARLY INTERVENTION AND INCLUSION A.A. DEGREE MAJOR

To graduate with a specialization in Child Development-Early Childhood Intervention and Inclusion students must complete the required child development courses (32 units) plus the general breadth course requirements for an Associate of Arts Degree. This degree prepares individuals to work as early childhood paraprofessionals with expertise in special education and early intervention. The Child Development courses meet the State's new competencies for early childhood intervention/early childhood special education paraprofessionals.

The Child Development-Early Intervention and Inclusion A.A. Degree meets California Title 5 requirements for the Child Development Teacher Permit. Upon completion of all the courses contact the Child Development Department Chair for an application for the Teacher Permit.

REQUIRED COURSES:

	Units
CD 105 Child Growth and Development	3
or	
CD 105H Child Growth and Development-Honors	3
CD 111 Observation and Assessment in Child Development	3
CD 126 Child, Family, and the Community	3
CD 127 Guidance of Children	3
CD 185 Infant/Toddler Growth and Development	3
CD 186 Infant and Toddler Curriculum	3
CD 244 Children with Special Needs	3
CD 245 Early Intervention and Inclusion	3

EXPERIENCE WORKING WITH CHILDREN (REQUIRED):

	Units
CD 215 Early Intervention and Inclusion Internship	4
CD 198 Child Development Work Experience	4
or	
CD 205 Child Development Practicum / Field Experience	4
or	
CD 210 Infant and Toddler Growth and Development Laboratory	4

GENERAL EDUCATION COURSES:

The Child Development Department advises seeing a counselor and making an education plan to include the general breadth requirements and elective units.

	Units
	28

Total Units	60
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Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

CHILD DEVELOPMENT-SITE SUPERVISOR A.A. DEGREE MAJOR

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

To graduate with a specialization in Child Development-Site Supervisor, students must complete the required child development courses (43 units) plus the general breadth course requirements for an Associate of Arts Degree.

REQUIRED COURSES:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 270	The Mentor Teacher / Adult Supervision	3
CD 271	Administration of Early Childhood Education Programs	3
CD 272	Advanced Administration of Early Childhood Education Programs	3
TWO COURSES FROM THE FOLLOWING LIST:		Units
CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
ONE COURSE FROM THE FOLLOWING LIST:		Units
CD 138	Teaching in a Diverse Society	3
CD 160	Understanding School-Age Children	3
CD 161	Activities for School-Age Children	3
CD 168	Early Literacy for Young Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
EXPERIENCE WORKING WITH CHILDREN:		Units
CD 198	Child Development Work Experience	4
	or	
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Growth and Development Laboratory	4
GENERAL EDUCATION COURSES:		Units
The Child Development Department advises scheduling an appointment with a counselor to create an education plan to include the general breadth requirements and elective units.		24 - 26
Total Units		67 - 69

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

16 of 40

CULINARY ARTS PROGRAM A.A. DEGREE MAJOR

To graduate with a specialization in Culinary Arts, students must complete the following required courses plus the general breadth requirements for the Associate Degree (total = 60 units)

CULART 010X4	Culinary Arts Internship	8 - 22
CULART 101	Introduction to Culinary Arts	3
CULART 160	Introduction to Foods	3
CULART 161	Quantity Food Preparation	3
CULART 201	Culinary and Hospitality Management	3
CULART 225	Sanitation and Safety	3
CULART 235	Menu Planning Principles	3
CULART 240	Procurement, Purchasing and Selection	3
CULART 250	Food, Wine and Beverage Service Concepts	3
CULART 275	Food, Beverage and Labor Cost Control	3
FCS 162	Nutrition	3
BUSAD 100	Introduction to Business	3

Students must take CULART 010x4 for a minimum of 8 units.

Recommended Courses:

		Units
ACCT 100	Introduction to Accounting I	2
BUSCAL 050	Quantitative Methods in Business	3

Total Units

41 - 55

Effective Date: FA09

Rationale: Updating degree from RM and RM/FS to CULART.

ENGINE PERFORMANCE A.S. DEGREE MAJOR

To graduate with a specialization in Engine Performance, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate Degree (minimum total = 60 units).

REQUIRED COURSES:

		Units
AUTO 063	Emission Systems	4
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO 065	Electrical Accessory Diagnostic	5
AUTO 066	ASE Alternative A-6, A-8, L-1 Prep or Certificate	4
AUTO 067	Basic and Advanced Clean Air Car Course	4
AUTO 068	Engine Performance - Ignition Systems	5
AUTO 069	Engine Performance - Fuel and Exhaust Systems	5
AUTO 084	General Automotive Technology	4
AUTO 090X3	Engine Repair	6

Total Units

42

Effective Date: FA09

Rationale: Add AUTO 063 due to the splitting of AUTO 069 into two courses - AUTO 069 and AUTO 063

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

GENERAL WELDING A.S. DEGREE MAJOR

To graduate with a specialization in Welding Technology, students must complete all requirements for GENERAL WELDING CERTIFICATE plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

Students must complete ALL of the REQUIRED COURSES plus ONE of the RESTRICTED ELECTIVE COURSES.

REQUIRED COURSES:		Units
TECALC 087	Technical Calculations	4
	or	
higher level math course		3 - 4
WELD 023	Oxy-Acetylene Welding	3
WELD 027	Strength of Materials Testing: Destructive	3
WELD 045	Shielded Metal Arc Welding	3
WELD 046	Intermediate Arc Welding	3
WELD 060	Layout Fitter I	3
WELD 066B	Los Angeles City Welding Certification	3
WELD 070X4	TIG Welding	1
WELD 077X4	Continuous Wire Welding	1
RESTRICTED ELECTIVE COURSES:		Units
WELD 028	Strength of Materials Testing: Non-Destructive	3
	or	
WELD 061	Layout Fitter II	3
	or	
WELD 065B	Welding Inspection Visual	4
Total Units		26 - 28

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

MACHINE TECHNOLOGY A.S. DEGREE MAJOR

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

To graduate with a specialization in Machine Technology, students must complete the following required courses for the certificate plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
MACH 021B	Machine Shop I	4
MACH 022B	Machine Shop II	4
MACH 090B	Engineering Blueprint Reading, Geometric Dimensioning, and Tolerancing	3
MACH 120B	Machine Shop Theory	2
MACH 123A	Machine Shop III	4
MACH 124A	Machine Shop IV	4
RECOMMENDED COURSE:		Units
MACH 010x2	Test Review for National Industry Metal Skills (NIMS) Certification	2 - 4
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Total Units		21

Effective Date: FA09

Rationale: Students must be able to pass six National Industry Metal Skills (NIMS) Certification tests upon completing this degree. Adding MACH 010x2 - NIMS Test Review for Certification will help students prepare for the certification exams.

PHARMACY TECHNOLOGY A.S. DEGREE MAJOR

To earn an Associate Degree with a specialization in Pharmacy Technology, students must complete the required courses plus the general breadth requirements (minimum total = 60 units).

REQUIRED COURSES:		Units
Complete the following courses with a grade of C or higher:		
PHT 020	Introduction to Pharmacy Technology	2
PHT 030	Pharmacology	3
PHT 031	Pharmacy Calculations	3
PHT 041	Pharmacy Systems	3
PHT 042	Pharmacy Intern Seminar	1
PHT 043	Pharmacy Clinical Experience	4
BIOL 050	Introductory Anatomy and Physiology	4
or		
BIOL 250	Human Anat Physio I	4
and		
BIOL 251	Human Anatomy and Physiology II	4
or		
BIOL 260	Human Anatomy	4
and		
BIOL 261	Human Physiology	4
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Total Units		20 - 24

Effective Date: FA09

Rationale: Content review; update and clarify.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

REFRIGERATION AND AIR CONDITIONING A.S. DEGREE MAJOR

To graduate with a specialization in Refrigeration and Air Conditioning, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
REFRIG 001X3	Refrigeration I	4
REFRIG 002X3	Refrigeration II	4
REFRIG 003X3	Refrigeration III	4
REFRIG 004X3	Refrigeration Electricity I	4
REFRIG 005X3	Refrigeration Electricity II	4
REFRIG 006X3	Air Conditioning and Heating	4
TECALC 087	Technical Calculations	4
WELD 023	Oxy-Acetylene Welding	3
Environmental Protection Agency (EPA) Universal Certification (608)		0

RECOMMENDED COURSE:

Students are encouraged to take this course to augment their knowledge of air conditioning and heating:

AUTO 056	Automotive Heating and Air Conditioning	4
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Total Units **31**

Effective Date: FA09

Rationale: Content review.

WHEEL ALIGNMENT AND BRAKES A.S. DEGREE MAJOR

To graduate with a specialization in Wheel Alignment and Brakes, students must complete all requirements for the certificate with a grade of C or better plus the general breadth requirements for the Associate of Science Degree (minimum total = 60 units).

REQUIRED COURSES:		Units
AUTO 050	Automotive Brakes	4
AUTO 051	Advanced Automotive Brakes	4
AUTO 052	Automotive Suspension and Steering	4
AUTO 053	Advanced Automotive Suspension and Steering	4
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO 084	General Automotive Technology	4
TECALC 087	Technical Calculations	4
or		
MATH 942	Arithmetic	3
or		

Eligibility for Math 952 as determined by the SBVC assessment process **Units**

Total Units **28 - 29**

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

MODIFY CERTIFICATES

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

AUTOMATIC AND MANUAL TRANSMISSION CERTIFICATE

This certificate is designed to prepare students for entry-level work as an automatic transmission specialist. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
or		
AUTO 065	Electrical Accessory Diagnostic	5
AUTO 075X3	Automatic Transmissions Rear Wheel Drive	4 - 6
AUTO 076X3	Automatic Transaxles Front Wheel Drive	4 - 6
AUTO 077	Manual Transmissions and Transaxles	4
AUTO 084	General Automotive Technology	4
AUTO 090X3	Engine Repair	6
TECALC 087	Technical Calculations	4
or		
MATH 942	Arithmetic	3
or		
Eligibility for MATH 952 as determined by the SBVC assessment process		0

Total Units **27 - 35**

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

21 of 40

CHILD DEVELOPMENT - ASSOCIATE TEACHER CERTIFICATE

The Associate Teacher Certificate is designed to be the first step toward obtaining entry-level employment in the field of Early Childhood Education in a preschool or child care setting. The Associate Teacher Certificate requires 19 CD units which includes four units of laboratory or work experience with young children.

This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit. Upon completion of all the courses contact the Child Development Department Chair for an application for the Associate Teacher Permit.

REQUIRED COURSES:		Units
CD 101	Parent-Child Interaction	3
CD 105	Child Growth and Development	3
or		
CD 105H	Child Growth and Development-Honors	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 126	Child, Family, and the Community	3

EXPERIENCE WORKING WITH CHILDREN:		Units
CD 205	Child Development Practicum / Field Experience	4
or		
CD 198	Child Development Work Experience	4
Total Units		19

ADDITIONAL RECOMMENDED COURSE:

CD 116 Pediatric CPR, First Aid & Safety

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

CHILD DEVELOPMENT - INFANT DEVELOPMENT CERTIFICATE

The Infant Development Certificate is designed to be the first step toward obtaining entry-level employment specializing in infant care. Students will be prepared to work with infants (0-36 months) enabling the student to assist a teacher in a child care or infant care setting. The Infant Development Certificate requires 28 CD units which includes four units of laboratory or work experience with infants.

REQUIRED COURSES:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
THREE COURSES FROM THE FOLLOWING LIST:		Units
CD 111	Observation and Assessment in Child Development	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 168	Early Literacy for Young Children	3
CD 244	Children with Special Needs	3
EXPERIENCE WORKING WITH CHILDREN Ages Birth-24 Months:		Units
CD 198	Child Development Work Experience	4
	or	
CD 210	Infant and Toddler Growth and Development Laboratory	4
Total Units		28

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

23 of 40

CHILD DEVELOPMENT - MASTER TEACHER CERTIFICATE

The Master Teacher Certificate is designed to prepare students to supervise, mentor and assist other teachers and aides in a preschool or child care setting. The Master Teacher Certificate requires 37 CD units which includes six specialization units and 4 units of laboratory or work experience with children preschool-12 years of age plus a minimum of 16 general education units.

REQUIRED COURSES:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 270	The Mentor Teacher / Adult Supervision	3
CHILD DEVELOPMENT SPECIALIZATION:		Units
CREATIVE CURRICULUM SPECIALIZATION		0
CD 130	Creative Music and Movement for Children	3
	and	
CD 136	Creative Art Experiences for Children	3
	or	
LITERACY SPECIALIZATION		0
CD 134	Language, Listening and Literature for Children	3
	and	
CD 168	Early Literacy for Young Children	3
	or	
SCHOOL-AGE SPECIALIZATION		0
CD 160	Understanding School-Age Children	3
	and	
CD 161	Activities for School-Age Children	3
	or	
INFANT/TODDLER SPECIALIZATION		0
CD 185	Infant/Toddler Growth and Development	3
	and	
CD 186	Infant and Toddler Curriculum	3
	or	
SPECIAL NEEDS SPECIALIZATION		0
CD 244	Children with Special Needs	3
	and	
CD 245	Early Intervention and Inclusion	3

CONTINUED NEXT PAGE

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

ONE COURSE FROM THE FOLLOWING LIST:		Units
COURSE MUST BE DIFFERENT FROM YOUR CHOSEN SPECIALIZATION		0
CD 040	Spanish for Early Childhood Settings	3
CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
CD 138	Teaching in a Diverse Society	3
CD 160	Understanding School-Age Children	3
CD 161	Activities for School-Age Children	3
CD 168	Early Literacy for Young Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
EXPERIENCE WORKING WITH CHILDREN:		Units
CD 198	Child Development Work Experience	4
or		
CD 205	Child Development Practicum / Field Experience	4
GENERAL EDUCATION COURSES:		Units
The Child Development Department advises scheduling an appointment with a counselor to create an education plan. The following courses recommended by the Child Development Department meet the GE requirements:		16
Communication: ENGL 101 or ENGL 101H (4 units)		0
Humanities: ART 103 or MUS 101 (3 units)		0
Social and Behavioral Sciences: SOC 100 or SOC 130 (3 units)		0
Natural Science or Math: MATH 095 and higher (3-4 units)		0
Elective Courses (2-3 units)		0
Total Units		53

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

CHILD DEVELOPMENT - SCHOOL-AGE CERTIFICATE

The School-Age Certificate is designed to be the first step toward entry level employment specializing in the care of children from 6-12 years. It prepares students for working in after-school programs or child care facilities that serve older children. The School-Age Certificate requires 31 CD units which includes four units of work experience with school-age children.

This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit with a School-Age Emphasis and the Child Development Associate Teacher Permit. Upon completion of all the courses contact the Child Development Department Chair for an application for the Associate Teacher Permit.

REQUIRED COURSES:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 160	Understanding School-Age Children	3
CD 161	Activities for School-Age Children	3
TWO COURSES FROM THE FOLLOWING LIST:		Units
CD 111	Observation and Assessment in Child Development	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
CD 138	Teaching in a Diverse Society	3
EXPERIENCE WORKING WITH CHILDREN Age 6-12 years:		Units
CD 205	Child Development Practicum / Field Experience	4
Total Units		31

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

26 of 40

CHILD DEVELOPMENT - SITE SUPERVISOR CERTIFICATE

The Site Supervisor Certificate is designed to prepare students with the necessary knowledge and skills to be qualified as a preschool or child care center site supervisor. The Site Supervisor Certificate requires 60 units or an Associate of Arts Degree both of which includes 43 child development (CD) units. (30 CD units, six CD Administration units, three CD Adult Supervision units and four units of laboratory or work experience with young children).

REQUIRED COURSES:

		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 115	Health, Safety and Nutrition for Young Children	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 270	The Mentor Teacher / Adult Supervision	3
CD 271	Administration of Early Childhood Education Programs	3
CD 272	Advanced Administration of Early Childhood Education Programs	3

TWO COURSES FROM THE FOLLOWING LIST:

		Units
CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3

ONE COURSE FROM THE FOLLOWING LIST:

		Units
CD 138	Teaching in a Diverse Society	3
CD 160	Understanding School-Age Children	3
CD 161	Activities for School-Age Children	3
CD 168	Early Literacy for Young Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3

EXPERIENCE WORKING WITH CHILDREN:

		Units
CD 198	Child Development Work Experience	4
	or	
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Growth and Development Laboratory	4

CONTINUED NEXT PAGE

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

GENERAL EDUCATION COURSES:

The Child Development Department advises scheduling an appointment with a counselor to create an education plan. The following courses are recommended by the Child Development Department to meet the GE requirements:

	Units
	17
Communication: ENGL 101 or ENGL 101H (4 units)	0
Humanities: ART 103 or MUS 101 (3 units)	0
Social and Behavioral Science: SOC 100 or SOC 130 (3 units)	0
Math: MATH 095 or higher (4 units)	0
Natural Science (3-6 units)	0

Total Units	60
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Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

CHILD DEVELOPMENT - TEACHER CERTIFICATE

The Teacher Certificate is designed for individuals working with children in a preschool or child care setting. The certificate focuses on developing age appropriate lesson plans for the classroom and observation/assessment of children. The Teacher Certificate requires 31 CD units which includes 4 units of laboratory or work experience with young children plus 16 general education units.

REQUIRED COURSES: Units

CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 113	Principles and Practices of Teaching Children	3
CD 114	Introduction to Curriculum	3
CD 126	Child, Family, and the Community	3

TWO CURRICULUM COURSES FROM THE FOLLOWING LIST: Units

CD 130	Creative Music and Movement for Children	3
CD 133	Creative Science and Math Activities for Children	3
CD 134	Language, Listening and Literature for Children	3
CD 136	Creative Art Experiences for Children	3
CD 168	Early Literacy for Young Children	3

TWO COURSES FROM THE FOLLOWING LIST: Units

CD 115	Health, Safety and Nutrition for Young Children	3
CD 127	Guidance of Children	3
CD 138	Teaching in a Diverse Society	3
CD 185	Infant/Toddler Growth and Development	3

EXPERIENCE WORKING WITH CHILDREN (REQUIRED): Units

CD 198	Child Development Work Experience	4
	or	
CD 205	Child Development Practicum / Field Experience	4

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GENERAL EDUCATION COURSES:	Units
The Child Development Department advises scheduling an appointment with a counselor to create an education plan. The following courses are recommended by the Child Development Department to meet the GE requirements:	16
Communication: ENGL 101 or ENGL 101H (4 units)	0
Humanities: ART 103 or MUS 101 (3 units)	0
Social and Behavioral Science: SOC 100 or SOC 130 (3 units)	0
Natural Science or Math: MATH 095 and higher (3-4 units)	0
Elective courses (2-3 units)	0
Total Units	47

ADDITIONAL RECOMMENDED COURSES:

CD040 Spanish for Child Development (3 units)

CD244 Children with Special Needs (3 units)

CD116 Pediatric CPR, First Aid and Safety (1 unit)

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

30 of 40

CHILD DEVELOPMENT-EARLY INTERVENTION AND INCLUSION CERTIFICATE

The Early Intervention and Inclusion Certificate prepares individuals to work as early childhood paraprofessionals with expertise in special education and early intervention. The program's perspective is culturally sensitive and family-focused which emphasizes the value of individual differences in young children. This certificate meets the State's new competencies for early childhood intervention/early childhood special education paraprofessionals.

This Certificate meets California Title 5 requirements for the Child Development Associate Teacher Permit. Upon completion of all the courses contact the Child Development Department Chair for an application for the Associate Teacher Permit.

REQUIRED COURSES:		Units
CD 105	Child Growth and Development	3
	or	
CD 105H	Child Growth and Development-Honors	3
CD 111	Observation and Assessment in Child Development	3
CD 126	Child, Family, and the Community	3
CD 127	Guidance of Children	3
CD 185	Infant/Toddler Growth and Development	3
CD 186	Infant and Toddler Curriculum	3
CD 244	Children with Special Needs	3
CD 245	Early Intervention and Inclusion	3
EXPERIENCE WORKING WITH CHILDREN (REQUIRED):		Units
CD 215	Early Intervention and Inclusion Internship	4
CD 198	Child Development Work Experience	4
	or	
CD 205	Child Development Practicum / Field Experience	4
	or	
CD 210	Infant and Toddler Growth and Development Laboratory	4
Total Units		32

Effective Date: FA09

Rationale: To align with the California Community College Early Childhood Education Curriculum Alignment Project.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

31 of 40

CULINARY ARTS CERTIFICATE

The Culinary Arts Certificate is designed for students who are interested in entering middle-management positions within the Restaurant/Hospitality industry. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
CULART 101	Introduction to Culinary Arts	3
CULART 010X4	Culinary Arts Internship	8 - 22
CULART 160	Introduction to Foods	3
CULART 161	Quantity Food Preparation	3
CULART 201	Culinary and Hospitality Management	3
CULART 225	Sanitation and Safety	3
CULART 235	Menu Planning Principles	3
CULART 240	Procurement, Purchasing and Selection	3
CULART 250	Food, Wine and Beverage Service Concepts	3
CULART 275	Food, Beverage and Labor Cost Control	3
BUSAD 100	Introduction to Business	3
FCS 162	Nutrition	3
RECOMMENDED COURSES:		Units
ACCT 100	Introduction to Accounting I	2
BUSCAL 050	Quantitative Methods in Business	3
		Units

Total Units **41 - 55**

Students are required to take CULART 010x4 for a minimum of 8 units.

Effective Date: FA09

Rationale: Updating degree from RM and RM/FS to CULART.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

32 of 40

DINING ROOM SERVICE CERTIFICATE

The Dining Room Service Certificate is designed to prepare students for entry-level employment in the front-of-the-house of the restaurant/hospitality industry.

REQUIRED COURSES:		Units
CULART 010X4	Culinary Arts Internship	8 - 22
CULART 101	Introduction to Culinary Arts	3
CULART 161	Quantity Food Preparation	3
CULART 225	Sanitation and Safety	3
CULART 250	Food, Wine and Beverage Service Concepts	3
CULART 275	Food, Beverage and Labor Cost Control	3
		Units
<hr/> Total Units		23 - 37

Students are required to take CULART 010x4 for a minimum of 8 units

Effective Date: FA09

Rationale: Updating degree from RM and RM/FS to CULART.

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

33 of 40

ENGINE PERFORMANCE CERTIFICATE

This certificate is designed to prepare students for entry-level work as engine performance specialists in areas such as computer systems, electrical systems, engine fuel and exhaust systems, and basic engine diagnosis. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
AUTO 063	Emission Systems	4
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO 065	Electrical Accessory Diagnostic	5
AUTO 066	ASE Alternative A-6, A-8, L-1 Prep or Certificate	4
AUTO 067	Basic and Advanced Clean Air Car Course	4
AUTO 068	Engine Performance - Ignition Systems	5
AUTO 069	Engine Performance - Fuel and Exhaust Systems	5
AUTO 084	General Automotive Technology	4
AUTO 090X3	Engine Repair	6
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	
Eligibility for MATH 952 as determined by the SBVC assessment process		0 - 4

Total Units **42 - 46**

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

34 of 40

GENERAL ELECTRICIAN CERTIFICATE

This certificate will allow an "Electrician Trainee" to sit for the California State General Electrician Certification examination. These courses also satisfy the continuing education requirement every three years for certified electricians. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
ELEC 216C	Introduction to Industrial Electricity	4
ELEC 217C	Industrial Electricity	4
ELEC 218C	Controlling Industrial Electricity	4
ELECTR 110	Direct Current Circuit Analysis	3
ELECTR 111	Direct Current Circuit Laboratory	1
ELECTR 115	Alternating Current Circuit Analysis	3
ELECTR 116	Alternating Current Circuit Laboratory	1
ELECTR 230	Semiconductor Devices	3
ELECTR 235	Solid State Circuit Analysis	4
ELECTR 265	Digital Logic Design	4
INSPEC 014D	Advanced Construction Inspection: National Electrical Code (NEC)	3
INSPEC 024D	Community Relations for Civil Service Employees	3
PE 231	First Aid and CPR	3
TECALC 087	Technical Calculations	4
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Total Units		44

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

35 of 40

GENERAL WELDING CERTIFICATE

This certificate is designed to provide students with an understanding of the terminology, concepts, procedures and skills used in the welding field to equip them with the fundamental skills necessary for entry- and intermediate-level employment. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

Students must complete ALL of the REQUIRED COURSES plus ONE of the RESTRICTED ELECTIVE COURSES.

REQUIRED COURSES:		Units
TECALC 087	Technical Calculations	4
or		
higher level math course		3 - 4
WELD 023	Oxy-Acetylene Welding	3
WELD 027	Strength of Materials Testing: Destructive	3
WELD 045	Shielded Metal Arc Welding	3
WELD 046	Intermediate Arc Welding	3
WELD 060	Layout Fitter I	3
WELD 066B	Los Angeles City Welding Certification	3
WELD 070X4	TIG Welding	1
WELD 077X4	Continuous Wire Welding	1
RESTRICTED ELECTIVE COURSES:		Units
WELD 028	Strength of Materials Testing: Non-Destructive	3
or		
WELD 061	Layout Fitter II	3
or		
WELD 065B	Welding Inspection Visual	4
<hr/> Total Units		26 - 28

PID 299

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

36 of 40

MACHINE TECHNOLOGY CERTIFICATE

This certificate is designed to prepare students for entry-level employment in manufacturing using machine tools such as lathes, milling machines, and spindles to produce precision metal parts. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
MACH 120B	Machine Shop Theory	2
MACH 021B	Machine Shop I	4
MACH 022B	Machine Shop II	4
MACH 123A	Machine Shop III	4
MACH 124A	Machine Shop IV	4
MACH 090B	Engineering Blueprint Reading, Geometric Dimensioning, and Tolerancing	3
TECALC 087	Technical Calculations	4
RECOMMENDED COURSE:		Units
MACH 010x2	Test Review for National Industry Metal Skills (NIMS) Certification	2 - 4
<hr/> Total Units		<hr/> 25

Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

37 of 40

REFRIGERATION AND AIR CONDITIONING CERTIFICATE

This certificate is designed to prepare students with the necessary knowledge and skills to obtain entry-level employment in the field of refrigeration and air conditioning, installing, maintaining, and repairing such systems. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
REFRIG 001X3	Refrigeration I	4
REFRIG 002X3	Refrigeration II	4
REFRIG 003X3	Refrigeration III	4
REFRIG 004X3	Refrigeration Electricity I	4
REFRIG 005X3	Refrigeration Electricity II	4
REFRIG 006X3	Air Conditioning and Heating	4
TECALC 087	Technical Calculations	4
WELD 023	Oxy-Acetylene Welding	3
Environmental Protection Agency (EPA) Universal Certification (608)		0

RECOMMENDED COURSE:

Students are encouraged to take this course to augment their knowledge of air conditioning and heating:		Units
AUTO 056	Automotive Heating and Air Conditioning	4

Total Units	31
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Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

TRUCK AND BUS TECHNOLOGY CERTIFICATE

This certificate is designed to prepare students for entry-level positions repairing and maintaining diesel engines in trucks, buses, locomotives, heavy vehicles, and mobile heavy-duty equipment. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
CIT101	Introduction to Computer Literacy	3
DIESEL019	Truck and Bus Heavy-Duty Electrical Systems	4
DIESEL021	Diesel Engines - Heavy Duty	4
DIESEL022	Heavy-Duty Truck Brakes	2
DIESEL023	Heavy-Duty Truck Suspension and Steering	2
DIESEL024X3	Advanced Heavy-Duty Diesel Engines	4
DIESEL026X3	Computer Controlled Diesel Engines	4
DIESEL028	Heavy-Duty Truck Preventive Maintenance Service	4
DIESEL030	Advanced Heavy-Duty Truck Systems	4
MATH942	Arithmetic	3
or		
Eligibility for Math 952 as determined by the SBVC assessment process		0 - 4
WELD023	Oxy-Acetylene Welding	3
WELD077X4	Continuous Wire Welding	1
Total Units		35 - 39

Effective Date: FA09

Rationale: Adding DIESEL 019 and 026x3 per Advisory Committee's recommendation; Replacing TECALC 950 (deleted course) with MATH 942

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

WHEEL ALIGNMENT AND BRAKES CERTIFICATE

This certificate is designed to prepare students for entry level work as an automotive technician working in the area of wheel alignment and brake repair. Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

REQUIRED COURSES:		Units
AUTO 050	Automotive Brakes	4
AUTO 051	Advanced Automotive Brakes	4
AUTO 052	Automotive Suspension and Steering	4
AUTO 053	Advanced Automotive Suspension and Steering	4
AUTO 064	Automotive Electrical: Battery, Starting & Charging Systems	5
AUTO 084	General Automotive Technology	4
TECALC 087	Technical Calculations	4
	or	
MATH 942	Arithmetic	3
	or	

Eligibility for Math 952 as determined by the SBVC assessment process	Units
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Total Units	28 - 29
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Effective Date: FA09

Rationale: To replace TECALC 950 (deleted course) with TECALC 087

Curriculum Meetings: 11-10-08; 11-24-08; 12-08-08

Conjoint Meeting: 12-12-08

Board of Trustees Meeting: January 15, 2009

40 of 40