

HLTH 110	First Responder	3
HLTH 202	Nutrition for Athletes	3
ES/T 107	Fitness Assessment and Laboratory	2.5
ES/T 135	Introduction to Exercise Physiology	2
ES/T 136	Techniques of Weight Training	2
ES/T 137	Exercise for Special Populations	2
ES/T 138	Techniques of Exercise Leadership	2
ES/T 139	Fitness Specialist Internship	3
ES/T 140	Introduction to Applied Kinesiology	2
ES/T 250	Prevention and Care of Athletic Injuries	2
Total units		23.5

Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

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The program below is undergoing modification and the modification will be placed into an addendum upon Chancellor's Office approval - see your counselor for further information and visit the college website under <http://www.swccd.edu/catalog> link for the latest addenda updates.

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FAMILY STUDIES

HIGHER EDUCATION CENTER AT SAN YSIDRO

DEAN: Silvia Cornejo, M.A., Office 4118B, 619-216-6755

FACULTY: Sandra Corona, Ph.D.; Leslynn Gallo, Ph.D.;

Mary Holmes, M.A.; Virginia Watson, M.A.

DEPARTMENT CHAIR: Leslynn Gallo, Ph.D.

GENERAL DESCRIPTION

Child development is the study of the physical, socio-emotional, cognitive, and psychomotor growth and development of the child from conception to adolescence. This department explores human anatomy, health, psychology, sociology, education, nutrition, home and childcare environments, community resources, curriculum, childrearing, and language acquisition as they pertain to the child in contemporary society.

CAREER OPTIONS

Below is a sample of the career options available for the child development major. Most require a certificate or associate degree, some require a bachelor's degree, or a graduate degree: infant-toddler teacher, preschool teacher, director or owner, parent education instructor, elementary school teacher, child and family counselor, pediatric psychologist, college instructor, social worker, adoption counselor, education technician, tutor, social service agent, pediatric nurse or physician, and public health administrator.

DEGREE/CERTIFICATE OPTIONS

MAJOR CODE

Associate in Arts Degree: Transfer Preparation

Child Development 01750

Associate in Arts Degree: Career/Technical

Child Development Teacher B2721

Certificates of Achievement

Child Development Teacher Permit Certificate B2722

Certificates of Proficiency

Family Childcare—Bilingual (English/Spanish) B2725

Spanish-to-English Associate Teacher Certificate 02723

ASSOCIATE IN ARTS DEGREE

CHILD DEVELOPMENT

ASSOCIATE IN ARTS DEGREE

TRANSFER PREPARATION * (MAJOR CODE: 01750)

Prepares students to work as preschool teachers or directors or to transfer to other colleges and universities offering a bachelor's degree in child development for more advanced careers with children.

Students will acquire the ability to understand the cognitive development of the child from pre-birth through adolescence, as well as his/her emotional, social, physical and educational needs, and to develop skills to work with the young child.

Program Student Learning Outcome Statement:

- Students will be able to apply major concepts of child development and demonstrate the skills necessary to guide young children in a classroom setting.

CD 170	Principles of Child Development	3
CD 170L	Principles of Child Development Laboratory	1
CD 180	Observation and Guidance for Child Development	3
CD 181	Curriculum Planning for Child Development	3
CD 184	Observation and Documentation	3
CD 282A	Child Development Field Practicum	3
CD 284	Child, Family, and Community	3
CD 135	Principles of Family Development	3
SOC 101	Introduction to Sociology (3) OR	3
PSYC 101	Introduction to Sociology (3)	
SOC 270	Statistical Methods of Sociology (3) OR	3
PSYC 270	Statistical Methods of Psychology (3)	

Total units **28**

Recommended Electives: CD 175, 177.

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.



- * Students planning to transfer to a four-year college or university should complete courses specific to the transfer institution of choice. University requirements vary from institution to institution and are subject to change. Therefore, it is important to verify transfer major preparation and general education requirements through consultation with a counselor in either the Counseling Center or Transfer Center. See catalog TRANSFER COURSES INFORMATION section on page 45 for further information.

CHILD DEVELOPMENT TEACHER

ASSOCIATE IN ARTS DEGREE CAREER/TECHNICAL (MAJOR CODE: B2721)

Designed to prepare students to qualify as teachers of young children. A practicum component allows students to apply theoretical knowledge to student teaching experience.

Program Student Learning Outcome Statement:

- Upon completion of the program students will be able to support the cognitive, language, physical and socio-emotional development of young children, identifying and applying major concepts of child development.

FIRST SEMESTER

CD 170	Principles of Child Development	3
CD 180	Observation and Guidance for Child Development	3
CD 181	Curriculum Planning for Child Development	3

SECOND SEMESTER

CD 283	Emerging Literacy	3
CD 284	Child, Family, and Community (3)	3
	OR	
CD 135	Principles of Family Development (3)	3
CD 133	Math, Science, and Technology for Young Children (3)	
	OR	
CD 177	Alternatives to Violence (3)	3
	OR	
CD 173	Development of Infants and Toddlers (3)	3
	OR	
CD 176	Music and Movement for Young Children (3)	

THIRD SEMESTER

CD 184	Observation and Documentation	3
CD 275	Art for Children	3
CD 172	Curriculum for Infants and Toddlers (3)	3
	OR	
CD 278	Working with Children and Families with Special Needs (3)	3
	OR	
CD 279	Early Education Service Learning in a Global Environment (3)	

FOURTH SEMESTER

CD 282A	Child Development Filed Practicum	3
CD 175	Nutrition, Health, and Safety for Children	3
Total units		33

To earn an associate degree, additional general education and graduation requirements must be completed. See page 64.

Note: After completion of this coursework, student will qualify for the teacher level of the State of Education's permit (www.childdevelopment.org).

- * Students who successfully complete CD 175—Nutrition, Health, and Safety for Children, will receive certification in Infant and Children, First Aid, and CPR.

CERTIFICATES

CHILD DEVELOPMENT TEACHER PERMIT CERTIFICATE

CERTIFICATE OF ACHIEVEMENT

CAREER/TECHNICAL (MAJOR CODE: B2722)

Designed to prepare students as preschool teachers and qualify for State Permit on the Teacher Permit level.

Program Student Learning Outcome Statement:

- Upon completion of the program students will be able to apply and identify major concepts of child development and demonstrate the skills necessary to guide young children in a classroom context.

GAINFUL EMPLOYMENT:

The U.S. Department of Education requires colleges to disclose a variety of information for any financial aid eligible program that "prepares students for gainful employment in a recognized occupation."

Students who complete this program will have acquired the necessary analytical tools to successfully secure gainful employment in the field of study.

For more information regarding the data provided for this program and what it means to you as a student, please feel free to visit our SWC Gainful Employment website at: www.swccd.edu/gainfulemployment.



FIRST SEMESTER

CD 170	Principles of Child Development	3
CD 180	Observation and Guidance for Child Development	3
CD 181	Curriculum Planning for Child Development	3

Complete 3 units from Group 1 **3**

SECOND SEMESTER

CD 283	Emerging Literacy	3
CD 135	Principles of Family Development (3) OR	3

CD 284	Child, Family, and Community (3)	3
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Complete 3 units from Group 2 **3**

THIRD SEMESTER

CD 184	Observation and Documentation	3
ENGL 115	College Composition: Reading and Writing Analytically (4) OR	3-5

SPAN 101	Elementary Spanish I (5) OR	3-5
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SPAN 215	Spanish for Bilinguals I (5) OR	3-5
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COMM 103	Oral Communication (3)	3
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Complete 3 units from Group 1 & complete 3 units from Group 2 **6**

FOURTH SEMESTER

CD 282A	Child Development Field Practicum	3
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BIOL 140	Environmental Biology (3) OR	3-4
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LNT 100	Plant and Horticulture Science (4) OR	3-4
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SOC/ PSYC 270	Statistical Methods of Sociology (3) OR	3-6
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MATH 101	College Algebra (3)	3-6
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Complete 6 units from Group 3 (or 3 units if SPAN 101 or 215 were completed) **3-6**

Total units **42-48**

GROUP I

CD 133	Math, Science, and Technology for Young Children(3)	
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CD 172	Curriculum for Infants and Toddlers (3)	
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CD 173	Development of Infants and Toddlers (3)	
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CD 175	Nutrition, Health, and Safety for Children (3)	
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CD 176	Music and Movement for Young Children (3)	
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CD 177	Alternatives to Violence (3)	
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CD 275	Art for Children (3)	
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CD 278	Working with Children and Families with Special Needs (3)	
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CD 279	Early Education Service Learning in a Global Environment (3)	
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GROUP 2

ART 101	Design I (3)	
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ART 104	Introduction to Art (3)	
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ENGL 270	Multicultural Literature (3)	
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MUS 105	Introduction to Music (3)	
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MUS 195	World Music (3)	
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GROUP 3

PSYC 101	General Psychology (3)	
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SOC 101	Introduction to Sociology (3)	
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HIST 104	Western Civilization I (3)	
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HIST/MAS 141	Mexican-American History I (3)	
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PS 101	Introduction to Political Science (3)	
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* (Eligible for Spanish Proficiency Certificate)

FAMILY CHILDCARE: BILINGUAL (ENGLISH/SPANISH)

CERTIFICATE OF PROFICIENCY**CAREER/TECHNICAL (MAJOR CODE: B2725)**

Family childcare businesses are licensed to care for children in a home environment. The family childcare provider is responsible for designing developmentally appropriate curriculum for multi-age groups of children; providing a safe environment; and operating a successful small business. Designed for the prospective and experienced family childcare provider.

Program Student Learning Outcome Statement:

- Upon the completion of this program students will demonstrate the skills necessary to identify the elements of a quality childcare environment consists of according to child's development and needs and apply concepts of child development to promote creativity and support all areas of development including cognitive, psychosocial and language development of children ages birth through school-age.

CD 80	The Business of Family Childcare	1
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CD 81	Children in Family Childcare—Crisis, Challenges, and Change	1
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CD 82	Family Childcare Environment	1
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CD 83	Nutrition for Family Childcare	1
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CD 84	Health and Safety in Family Childcare	1
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CD 86	Positive Guidance in Family Childcare	1
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CD 87	Family Childcare Curriculum	1
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CD 89	Fundamentals of Child Development	1
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CD 90	Family Childcare School-Age Environment	1
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CD 91	Family School-Age Childcare Partnerships	1
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CD 93	Early Childhood Environmental Rating Scale	1
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Total units **11**



SPANISH-TO-ENGLISH ASSOCIATE TEACHER CERTIFICATE

CERTIFICATE OF PROFICIENCY

CAREER/TECHNICAL (MAJOR CODE: 02723)

The Spanish-to-English teacher certificate meets the academic requirements for the associate teacher permit through the State Department of Education and Child Development Division. This certificate is comprised of four-core classes in child development, which are linked to four English as a Second Language courses. The program is designed for students to learn child development concepts while acquiring English language skills. The child development courses will begin with predominantly Spanish instruction. As students progress through the courses, English instruction will increase as their English proficiency increases. This is a sequential program in which students form a community of learners starting and ending the program together. Upon completion of this certificate, students may either choose to seek employment or complete the child development teacher certificate offered in English.

Program Student Learning Outcome Statement:

- Student will list and explain tasks, skills and cognitive, physical, language and socioemotional operations during milestones of child development in simple English at an intermediate low level of proficiency from written observations and be able to explain them to the class and/or in writing.

FIRST SEMESTER

CD 170	Principles of Child Development	3
ESL 27A	ESL for Child Development: Principles of Child Development	2

SECOND SEMESTER

CD 180	Observation and Guidance for Child Development	3
ESL 27B	ESL for Child Development: Child Guidance	1

THIRD SEMESTER

CD 181	Curriculum Planning for Child Development	3
ESL 27C	ESL for Curriculum	1

FOURTH SEMESTER

CD 284	Child, Family, and Community	3
ESL 27D	ESL for Child, Family and Community	1
Total units		17

FIRE SCIENCE TECHNOLOGY

HIGHER EDUCATION CENTER AT OTAY MESA

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DEAN: Silvia Cornejo, M.A., Office 4118D, 619-216-6755

FACULTY: Vacant

DEPARTMENT CHAIR: Ronald Ungar, M.A.

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DIRECTOR: Devin Price, M.S.
.....

GENERAL DESCRIPTION

Today, fire service personnel are faced with a diverse and complex environment. Fire fighters must possess sufficient knowledge and skills to deal effectively with the fire protection problem, emergency medical care response, and hazardous materials. The study of fire science includes the philosophy, history, chemistry, physics, laws, terminology, technology and detection, and prevention of fires.

CAREER OPTIONS

Below is a sample of the career options available to the fire science major. Most require a certificate of achievement or an associate in science degree and graduation from a fire academy. Positions are available in state and federal agencies and private industry. Careers in fire protection include public fire service, fire protection and engineering, and education. Openings occur each year in fire service and related fields for men and women who possess the proper education and qualifications.

DEGREE/CERTIFICATE OPTIONS

MAJOR CODE

Associate in Science Degree: Career/Technical

Fire Science Technology	02845
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Certificate of Achievement

Fire Science Technology	02846
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Consult with a counselor to develop a Student Education Plan (SEP), which lists the courses necessary to achieve your academic goal.

