

# Irvine Valley College Catalog 2018-2019: Vol. XXX

## July 2018 Additions, Revisions and Deletions

The following items were added, revised or deleted in the July 1, 2018 edition of the 2018-19 catalog.

*Note: This list contains changes that have occurred since the original March 2018 publication of the 2018-19 catalog. The new changes are effective 7/1/18.*

## Programs

### NEW PROGRAMS:

#### - Global Studies for Transfer, AA-T

Global Studies is an interdisciplinary program designed to enhance student knowledge and understanding of global processes and their implications for societies, markets, governments, cultures, and environments around the world. The program also introduces students to the study of global issues and perspectives while providing the methodological tools and techniques necessary to analyze them at multiple (local, regional, and international) levels. An understanding of the world's social, economic, political, cultural, and natural systems and their growing interdependence will not only enable students to think globally, but prepare them to live, work, and participate in an increasingly globalized world as well. The goal of the Associate in Arts in Global Studies for Transfer Degree (AA-T in Global Studies) at Irvine Valley College is to prepare students for further work in international studies and world affairs through the study of other cultures, social, economic, and political systems, world history and geography. The program is designed to encourage students to think beyond local perspectives and to think globally. Students will learn how to relate their knowledge of a particular part of the world to the larger trends and issues that affect the international community as a whole. The Associate in Arts in Global Studies for Transfer is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Global Studies.

Complete the following core courses:

GLBL 1 INTRODUCTION TO GLOBAL STUDIES 3 Units

GLBL 2 INTRODUCTION TO GLOBAL ISSUES 3 Units

LIST A: Select five courses from at least four of the following areas (15-16 units)

Area 1: Culture and Society

ANTH 2 CULTURAL ANTHROPOLOGY 3 Units

OR

ANTH 2H CULTURAL ANTHROPOLOGY HONORS 3 Units

HIST 1 THE HISTORY OF WORLD CIVILIZATIONS TO 1500 3 Units

OR

HIST 1H THE HISTORY OF WORLD CIVILIZATIONS TO 1500 HONORS 3 Units

HIST 2 THE HISTORY OF WORLD CIVILIZATIONS SINCE 1500 3 Units

Area 2: Geography

GEOG 1 PHYSICAL GEOGRAPHY 3 Units

GEOG 1L PHYSICAL GEOGRAPHY LABORATORY 1 Unit

GEOG 2 CULTURAL GEOGRAPHY 3 Units

GEOG 3 WORLD REGIONAL GEOGRAPHY 3 Units

OR

GEOG 3H WORLD REGIONAL GEOGRAPHY HONORS 3 Units

Area 3: Economics

ECON 1 PRINCIPLES OF ECONOMICS - MICRO 3 Units

OR

ECON 1H PRINCIPLES OF ECONOMICS - MICRO HONORS 3 Units

ECON 2 PRINCIPLES OF ECONOMICS - MACRO 3 Units

OR

ECON 2H PRINCIPLES OF ECONOMICS - MACRO HONORS 3 Units

ECON 10 STATISTICS FOR BUSINESS AND ECONOMICS 3 Units

OR

ECON 10H STATISTICS FOR BUSINESS AND ECONOMICS HONORS 3 Units

OR

MGT 10 STATISTICS FOR BUSINESS AND ECONOMICS 3 Units

OR

MGT 10H STATISTICS FOR BUSINESS AND ECONOMICS HONORS 3 Units

OR

PSYC 10 STATISTICAL METHODS IN THE BEHAVIORAL SCIENCES 3 Units

OR

PSYC 10H STATISTICAL METHODS IN THE BEHAVIORAL SCIENCES HONORS 3 Units

OR

MATH 10 INTRODUCTION TO STATISTICS 3 Units

Area 4: Politics

PS 12 COMPARATIVE POLITICS 3 Units

OR

PS 12H COMPARATIVE POLITICS HONORS 3 Units

PS 14 INTERNATIONAL RELATIONS 3 Units

OR

PS 14H INTERNATIONAL RELATIONS HONORS 3 Units

Area 5: Humanities

CHI 3 INTERMEDIATE CHINESE I 5 Units

FR 3 INTERMEDIATE FRENCH 5 Units

FR 4 INTERMEDIATE FRENCH 5 Units

HUM 1 INTRODUCTION TO HUMANITIES 3 Units

OR

HUM 1H INTRODUCTION TO HUMANITIES HONORS 3 Units

HUM 27 WORLD RELIGIONS 3 Units

JA 3 INTERMEDIATE JAPANESE I 5 Units

JA 4 INTERMEDIATE JAPANESE II 5 Units

SPAN 3 INTERMEDIATE SPANISH I 5 Units

SPAN 4 INTERMEDIATE SPANISH II 5 Units

**Total Units Required: 21-25**

To earn the associate for transfer degree:

See Earning an Associate Degree for associate degree for transfer graduation requirements.

## **- Business Information Worker, COA**

The Business Information Worker Certificate of Achievement provides knowledge and skills demanded in today's workplace. Skills include Keyboarding Proficiency, Microsoft Windows, Microsoft Word, Microsoft Excel, Microsoft Outlook, Information Systems - Basics, Business Communications, and Human Relations/Customer Service. With a solid foundation in Microsoft Windows and Office, as well as strong digital and web literacy skills, the Business Information Worker brings efficiency and productivity to the workplace. Completion of the BIW Certificate also brings indispensable critical thinking, problem solving, and interpersonal skills to the work environment. Students who complete the BIW Certificate are prepared for entry-level positions in a variety of fields, such as general office clerks, retail salespersons, customer service representatives, receptionists, and information clerks.

Complete the following courses:

CIM 103 INTRODUCTION TO WINDOWS 1.5 Units

CIM 107 INTRODUCTION TO PERSONAL COMPUTER APPLICATIONS 3 Units

CIM 112.1 SPREADSHEETS I 1.5 Units

CIM 112.2 SPREADSHEETS II 1.5 Units

CIM 201B INTRODUCTION TO COMPUTERS, KEYBOARDING AND WORD II 1 Unit

CIM 201C INTRODUCTION TO COMPUTERS, KEYBOARDING, AND WORD PROCESSING III 1 Unit

CIM 209 INTRODUCTION TO OUTLOOK 0.5 Units

CIM 210.1 WORD PROCESSING I 1 Unit

CIM 210.2 WORD PROCESSING II 1.5 Units

MGT 104 BUSINESS COMMUNICATION 3 Units

MGT 125 ORGANIZATIONAL BEHAVIOR 3 Units

**Total Units Required: 18.5**

### *REVISED PROGRAMS:*

## **- Early Childhood Associate Teacher, COP**

The Early Childhood Associate Teacher Certificate of Proficiency meets the academic requirements of the California Child Development Associate Teacher Permit, which enables teachers to work in state or federally funded programs. This permit also requires work experience of a minimum of 50 days of 3 hours per day in an Early Childhood setting. This requirement may be met through a 3-unit HD 168: Human Development course.

Complete the following courses:

HD 7 DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE 3 Units

OR

PSYC 7 DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE 3 Units

HD 15 SOCIALIZATION OF THE CHILD - CHILD, FAMILY, COMMUNITY 3 Units

OR

SOC 15 SOCIALIZATION OF THE CHILD - CHILD, FAMILY, COMMUNITY 3 Units

HD 115 INTRODUCTION TO CURRICULUM 3 Units

HD 120 CHILD GUIDANCE AND DISCIPLINE 3 Units

Complete 2 units from the following courses:

HD 231 CHILD MALTREATMENT: IDENTIFICATION AND TREATMENT 1 Unit

HD 232 CHILDREN AND DIVORCE 1 Unit

HD 250 TEACHING MATHEMATICS IN PLAY-BASED EARLY CHILDHOOD PROGRAMS 1 Unit

HD 251 TEACHING SCIENCE IN A PLAY-BASED EARLY CHILDHOOD PROGRAM 1 Unit

HD 252 TEACHING LITERACY IN A PLAY-BASED EARLY CHILDHOOD PROGRAM 1 Unit

HD 253 DEALING WITH CHALLENGING CHILDREN 1 Unit

**Total Units Required: 17**

To earn the certificate of proficiency:

See Earning a Certificate for certificate information and requirements.

## **- Geography for Transfer, AA-T**

Geography is the academic discipline which studies the earth and its people in their many mutual relationships and regional variations. Geography students examine a broad range of topics- from the physical nature of the earth's surface and atmosphere to the varied human activities which interrelate with the physical environment and result in a distinct spatial imprint on the land. Upon completion of the Associate in Arts in Geography for Transfer, students will be able to demonstrate an understanding of Earth's complex physical landscape, human activities and how they shape each other at various scales over time. The use of the "Five Themes of Geography" provide students with a framework to study these diverse human and physical landscapes and processes. As a result of its interdisciplinary nature, geography is an outstanding discipline for students who wish to integrate the physical and social sciences.

Core Courses:

GEOG 1 PHYSICAL GEOGRAPHY 3 Units

GEOG 1L PHYSICAL GEOGRAPHY LABORATORY 1 Unit

GEOG 2 CULTURAL GEOGRAPHY 3 Units

List A: Select two to three courses (6-9 units)

GEOG 3 WORLD REGIONAL GEOGRAPHY 3 Units

OR

GEOG 3H WORLD REGIONAL GEOGRAPHY HONORS 3 Units

GEOG 10 INTRODUCTION TO WEATHER AND CLIMATE 3 Units

OR

GEOG 10H INTRODUCTION TO WEATHER AND CLIMATE HONORS 3 Units

GEOG 12 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS 2 Units

GEOG 38 CALIFORNIA GEOGRAPHY 3 Units

GEOG 102 GEOGRAPHY FIELD STUDIES: WESTERN UNITED STATES 2 Units

List B: Select two courses (6 units). Any List A course not already used

GEOG 20 GLOBAL ENVIRONMENTAL PROBLEMS 3 Units

ANTH 2 CULTURAL ANTHROPOLOGY 3 Units

OR

ANTH 2H CULTURAL ANTHROPOLOGY HONORS 3 Units

**Total Units Required: 19-22**

To earn the associate for transfer degree:

See Earning an Associate Degree for associate degree for transfer graduation requirements.

## **- Psychology, AA**

Students majoring in psychology at the lower division level focus on understanding human personality and behavior, cognition, and emotions, as well as researching psychological issues of current concern. The critical insight that psychology requires makes this major especially appropriate for those considering careers in any of the helping professions, teaching, or behavioral research; or for those seeking a widely applicable liberal arts background.

Complete the following required core courses:

PSYC 1 INTRODUCTION TO PSYCHOLOGY 3 Units

OR

PSYC 1H INTRODUCTION TO PSYCHOLOGY HONORS 3 Units

PSYC 2 RESEARCH METHODS IN PSYCHOLOGY 4 Units

PSYC 10 STATISTICAL METHODS IN THE BEHAVIORAL SCIENCES 3 Units

OR

PSYC 10H STATISTICAL METHODS IN THE BEHAVIORAL SCIENCES HONORS 3 Units  
OR  
ECON 10 STATISTICS FOR BUSINESS AND ECONOMICS 3 Units  
OR  
ECON 10H STATISTICS FOR BUSINESS AND ECONOMICS HONORS 3 Units  
OR  
MGT 10 STATISTICS FOR BUSINESS AND ECONOMICS 3 Units  
OR  
MGT 10H STATISTICS FOR BUSINESS AND ECONOMICS HONORS 3 Units  
OR  
MATH 10 INTRODUCTION TO STATISTICS 3 Units

Category A: Complete 3-4 units from the following:

PSYC 3 PHYSIOLOGICAL PSYCHOLOGY 3 Units  
OR  
PSYC 3H PHYSIOLOGICAL PSYCHOLOGY HONORS 3 Units

PSYC 3L PHYSIOLOGICAL PSYCHOLOGY LAB 1 Unit  
Must be taken with PSYC 3 or PSYC 3H

PSYC 6 DEVELOPMENTAL PSYCHOLOGY-LIFESPAN 3 Units

PSYC 7 DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE 3 Units  
OR  
HD 7 DEVELOPMENTAL PSYCHOLOGY: CHILDHOOD AND ADOLESCENCE 3 Units

Category B- Complete 3 units from the following:

PSYC 9 INTRODUCTION TO COGNITION 3 Units  
PSYC 11 INTRODUCTION TO LANGUAGE ACQUISITION 3 Units

PSYC 13 PSYCHOLOGY OF REASONING AND PROBLEM SOLVING 3 Units  
OR  
PSYC 13H PSYCHOLOGY OF REASONING AND PROBLEM SOLVING HONORS 3 Units

PSYC 32 PSYCHOLOGY OF PERSONALITY 3 Units  
PSYC 33 PSYCHOLOGY OF ADJUSTMENT 3 Units

PSYC 37 ABNORMAL BEHAVIOR 3 Units  
OR  
PSYC 37H ABNORMAL BEHAVIOR HONORS 3 Units

Category C- Complete 2-3 units from the following:

PSYC 5 PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY 3 Units  
OR  
PSYC 5H PSYCHOLOGICAL ASPECTS OF HUMAN SEXUALITY HONORS 3 Units

PSYC 20 THE PSYCHOLOGY OF GENDER 3 Units

PSYC 30 SOCIAL PSYCHOLOGY 3 Units  
OR  
SOC 30 SOCIAL PSYCHOLOGY 3 Units

PSYC 15A FACULTY MENTORED INDEPENDENT RESEARCH IN PSYCHOLOGY A 2 Units  
PSYC 115B FACULTY MENTORED INDEPENDENT RESEARCH IN PSYCHOLOGY B 2 Units  
PSYC 100 CAREERS IN PSYCHOLOGY 1.5 Units

**Total Units Required: 18-20**

Recommended Electives:

ANTH 2 CULTURAL ANTHROPOLOGY 3 Units  
OR  
ANTH 2H CULTURAL ANTHROPOLOGY HONORS 3 Units

BIO 5 ANIMAL BIOLOGY 4 Units  
BIO 12 HUMAN PHYSIOLOGY 4 Units  
CHEM 1A GENERAL CHEMISTRY I 5 Units  
PHIL 1 INTRODUCTION TO PHILOSOPHY 3 Units

SOC 1 INTRODUCTION TO SOCIOLOGY 3 Units  
OR  
SOC 1H INTRODUCTION TO SOCIOLOGY HONORS 3 Units

To earn the associate degree:  
See Earning an Associate Degree for associate degree graduation requirements.

To transfer:  
Courses required for the associate degree major at IVC may not be the same as those required for the major at a four-year school. If you plan to transfer, consult a counselor to identify the courses needed for the major at your transfer school and to develop a plan that will best meet your goals. View more information about transferring at Transfer to a Four-Year Institution.

## **- Theatre Arts, AA**

This degree offers students a broad range of specialized courses. This additional breadth is appropriate for students seeking transfer to bachelor degree programs where admission is highly competitive. All students completing this degree will take courses in six key areas: history and cultural traditions of theater, acting technique, performance procedures, stage design or stage management, production crew, and shop work. Examples of specialized coursework include vocal skills, musical theater, audio production, costume construction, stage management and contemporary theater history and criticism. By developing skills used across many forms of live entertainment, students build a portfolio of employable skills applicable to professions such as live entertainment technician, production manager, actor, singer, and dancer. Students will have the opportunity to participate in live performances on stage and as a member of the production crew. Students will spend time in the IVC theater shops learning how to build scenery and costumes. However, specific entry level employment opportunities may require additional education or experience.

History and Cultural Traditions of Theater: Classical (3 units)

Complete one of the following courses:  
TA 20 THEATRE APPRECIATION-CLASSICAL OVERVIEW 3 Units  
OR  
TA 22 INTRODUCTION TO THEATER 3 Units  
OR  
TA 25 GREAT PLAYS: PRIMITIVE TO RENAISSANCE 3 Units  
OR  
TA 25H GREAT PLAYS: PRIMITIVE TO RENAISSANCE HONORS 3 Units

History and Cultural Traditions of Theater: Contemporary (3 units)

Complete one of the following courses:  
TA 21 THEATRE APPRECIATION-CONTEMPORARY 3 Units  
OR  
TA 26 GREAT PLAYS: RENAISSANCE TO CONTEMPORARY 3 Units  
OR  
TA 26H GREAT PLAYS: RENAISSANCE TO CONTEMPORARY HONORS 3 Units

Acting Technique (3 units)

Complete one of the following courses:  
TA 1 ACTING 3 Units  
OR  
TA 8 ADVANCED ACTING 3 Units  
OR  
TA 12 DIRECTING 3 Units

### Rehearsal and Performance Procedures

Complete 2 units from the following courses:

TA 15 REHEARSAL AND PERFORMANCE: DRAMA 2 Units

OR

TA 15A INTRODUCTION TO REHEARSAL AND PERFORMANCE: DRAMA 1 Unit  
AND

TA 15B CONTINUATION OF REHEARSAL AND PERFORMANCE: DRAMA 1 Unit

TA 16 REHEARSAL AND PERFORMANCE: COMEDY 2 Units

OR

TA 16A INTRODUCTION TO REHEARSAL AND PERFORMANCE: COMEDY 1 Unit  
AND

TA 16B CONTINUATION OF REHEARSAL AND PERFORMANCE: COMEDY 1 Unit

TA 17 REHEARSAL AND PERFORMANCE: MIXED GENRES 2 Units

OR

TA 17A INTRODUCTION TO REHEARSAL AND PERFORMANCE: MIXED GENRES 1 Unit  
AND

TA 17B CONTINUATION OF REHEARSAL AND PERFORMANCE: MIXED GENRES 1 Unit

TA 18 REHEARSAL AND PERFORMANCE-DANCE 2 Units

OR

TA 18A INTRODUCTION TO REHEARSAL AND PERFORMANCE-DANCE 1 Unit  
AND

TA 18B CONTINUATION OF REHEARSAL AND PERFORMANCE-DANCE 1 Unit

TA 19 REHEARSAL AND PERFORMANCE: MUSICAL THEATRE 2 Units

OR

TA 19A INTRODUCTION TO REHEARSAL AND PERFORMANCE: MUSICAL THEATRE 1 Unit  
AND

TA 19B CONTINUATION OF REHEARSAL AND PERFORMANCE: MUSICAL THEATRE 1 Unit

### Production Crew

Complete one of the following courses:

TA 51 STAGE MANAGEMENT PRACTICUM 1 Unit

TA 53 ADVANCED STAGE MANAGEMENT 3 Units

TA 61 THEATER CREW: SCENIC 1 Unit

TA 62 THEATER CREW: COSTUME 1 Unit

TA 63 THEATER CREW: LIGHTING 1 Unit

TA 64 THEATER CREW: AUDIO/VIDEO 1 Unit

### Stage Design and Stage Management

Complete one of the following courses:

TA 40 INTRODUCTION TO THEATRE DESIGN 3 Units

TA 41 STAGE LIGHTING DESIGN 3 Units

TA 42 COSTUME DESIGN 3 Units

TA 43 SCENIC DESIGN FOR THE THEATRE 2 Units

TA 47 SOUND REINFORCEMENT FOR LIVE ENTERTAINMENT 3 Units

TA 49 STAGE MAKEUP DESIGN 3 Units

TA 52 STAGE MANAGEMENT SEMINAR 3 Units

### Production Shop

Complete 2 or 3 units from the following courses:

TA 44 STAGECRAFT 3 Units

TA 45 SCENE PAINTING 3 Units

TA 71 COSTUME SEWING 1 Unit

TA 72 COSTUME SEWING AND PRODUCTION 2 Units

TA 73 COSTUME SEWING, PRODUCTION, AND WARDROBE 3 Units  
TA 74 SCENE SHOP BASICS 1 Unit  
TA 75 SCENIC PRODUCTION PRACTICUM 2 Units  
TA 76 SCENIC PRODUCTION AND PERFORMANCE PRACTICUM 3 Units

Complete 3 or 4 units from the following courses. Courses taken that appear in the areas above may not be used again to fulfill requirements in this area.

TA 2 BEGINNING SCENE STUDY 3 Units  
TA 3 ADVANCED SCENE STUDY 3 Units  
TA 7 SCREEN ACTING TECHNIQUES 3 Units  
TA 9 MUSICAL REVUE 1 Unit  
TA 10 MUSICAL THEATRE WORKSHOP 3 Units  
TA 29 SCRIPT ANALYSIS 3 Units  
TA 29H SCRIPT ANALYSIS: HONORS 3 Units  
TA 35 VOICE AND DICTION 3 Units  
TA 40 INTRODUCTION TO THEATRE DESIGN 3 Units  
TA 41 STAGE LIGHTING DESIGN 3 Units  
TA 42 COSTUME DESIGN 3 Units  
TA 43 SCENIC DESIGN FOR THE THEATRE 2 Units  
TA 46 INTRODUCTION TO TECHNICAL THEATER 3 Units  
TA 47 SOUND REINFORCEMENT FOR LIVE ENTERTAINMENT 3 Units  
TA 49 STAGE MAKEUP DESIGN 3 Units  
TA 52 STAGE MANAGEMENT SEMINAR 3 Units  
TA 65 THEATER CREW: MAKE-UP 1 Unit  
TA 72 COSTUME SEWING AND PRODUCTION 2 Units  
TA 75 SCENIC PRODUCTION PRACTICUM 2 Units

**Total Units Required: 19-24**

To earn the associate degree:  
See Earning an Associate Degree for associate degree graduation requirements.

To transfer:  
Courses required for the associate degree major at IVC may not be the same as those required for the major at a four-year school. If you plan to transfer, consult a counselor to identify the courses needed for the major at your transfer school and to develop a plan that will best meet your goals. View more information about transferring at Transfer to a Four-Year Institution.

## **- Photonics Technology, COA**

The IVC Photonics Technology Certificate of Achievement will teach students the hands-on skills necessary to thrive in corporate labs that use or manufacture photonics systems. These courses have a strong emphasis on laboratory work, and hardware demonstrations. Students will gain the applied skills required to succeed in four-year engineering programs, graduate school, and industries, including medicine, remote sensing, manufacturing, telecommunications, and entertainment.

Complete the following courses:  
ET 92 BASIC ELECTRIC CIRCUITS I 4 Units  
ET 105 ELECTRONIC DEVICES AND CIRCUITS I 4 Units  
LASR 25 FUNDAMENTALS OF LIGHT 3 Units  
LASR 215 FUNDAMENTALS OF PHOTONICS 3 Units  
LASR 225 QUALITY ASSURANCE FOR PRECISION OPTICS 4 Units  
LASR 235 OPTICAL METROLOGY AND INTERFEROMETRY 3 Units

**Total Units Required: 21**

To earn the certificate of achievement:  
See Earning a Certificate for certificate information and requirements.



# Other

## REVISIONS:

- 2018-19 Associate Degree General Education Requirements (replaces 2017-18 Associate Degree General Education Requirements)
- 2018-19 CSU General Education Requirements (replaces 2017-18 CSU General Education Requirements)
- 2018-19 IGETC Requirements (replaces 2017-18 IGETC Requirements)
- Advanced Placement (AP) Examination Credit