

SPRING ADDENDUM



**CERRITOS
COLLEGE**

**Catalog Addendum^{#2}
2023 -2024**

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Global Studies – Associate in Arts for Transfer (AA-T)	2
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Program Update

Geography – Associate in Science for Transfer	1
• Adding new course GEOG 115 - Physical Geography with Lab as an option	
• In List A - Including GEOG 105 as a requirement in the list	
• Removing MATH 170	
• Removing MATH 112	
• Removing BIOL 120	

Catalog Corrections

Apprenticeship: Field Ironworkers – Associate of Science.....	1
• Adding missing course, IWAP 41.09, to option 1	
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• Adding PEX 166 to Team Sports	

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WMT 237L.....	4
• Correcting lab contact hours from 2.5 laboratory to 8.0 laboratory	

APPRENTICESHIP: FIELD IRONWORKERS ASSOCIATES OF SCIENCE

The Field Iron Workers A.S. degree prepares students for employment in the construction industry, primarily in ironwork. Through courses focusing on Reinforcing or Structural, students will learn the fundamental principles in basic and supervisory level functions in the construction ironwork industry for continuing academic achievement and professional success. Students can either choose the Reinforcing or Structural core units to complete the Field Iron Workers A.S. degree. Core topics include steel and cable reinforcing in concrete construction (rebar work), erections of steel skeleton of buildings, unbonded and bonded reinforcing post-tensioning, rigging of heavy machinery, foreman training, and techniques for greater safety in reinforcing iron. Graduates are employed as journey person in the field of ironworks or are self-employed. Spatial intelligence, cognitive ability, and eye-hand coordination are recommended for those entering the program.

CORE REQUIREMENTS

FIELD IRON WORKERS ESSENTIAL CLASSES FOR REINFORCING AND STRUCTURAL

		UNITS
IWAP 40.07	FIW- Orientation	3
IWAP 40.50	Mixed Base	2
IWAP 40.56	IW-Ironworkers History Reinforcing	2
IWAP 40.63	IW-Structural Lead Hazard	1.5
IWAP 40.09	IW-Gen Rigging	2
IWAP 40.22	IW - Cranes	2
IWAP 40.10	IW-Welding I - Reinforcing	1
IWAP 40.11	IW-Welding II - Reinforcing	1

Students must choose one of the two options:

OPTION 1:

REINFORCING PROGRAM

IWAP 40.12	IW-Reinforcing Iron I	2
IWAP 41.03	IW-Reinforcing Iron II	1
IWAP 40.15	IW-Post Tension I	2
IWAP 41.07	IW-Post Tension II	2
IWAP 40.53	IW-Detailing/Reinforcing Iron	2
IWAP 40.55	Foreman Training	2
IWAP 41.08	Post Tension III	2
IWAP 41.09	Extension and Review	2

OPTION 2:

STRUCTURAL PROGRAM

IWAP 40.21	IW-Structural Steel I	2
IWAP 41.06	IW-Structural Steel II	1.5
IWAP 40.05	IW-Advanced Welding	1
IWAP 40.60	IW-Structural Arch Ornamental I	1.5
IWAP 41.05	IW-Architectural II	1.5
IWAP 40.61	IW-Structural Precast Concrete/Qualified Rigger	2
IWAP 41.04	IW-Architectural III	1.5
IWAP 40.26	IW-Metal Building Erect/Foreman Training	2

TOTAL MAJOR REQUIREMENTS 27-29

ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS

Completion of a minimum of 60-semester units to include (1) total major requirements, (2) the general education requirements, and (3) a grade of "C" or better in all courses required by major.

GEOGRAPHY

ASSOCIATE IN ARTS FOR TRANSFER

Completion of courses to attain an Associate in Arts in Geography for Transfer Degree at Cerritos College will prepare students to complete a baccalaureate degree in Geography at a university within the California State University system. Geography is a holistic discipline that examines the relationship between cultural (i.e., religion, economic activities, ethnicity, land use, etc.) and physical (i.e., weather and climate, geomorphology, biogeography, etc.) processes and the interrelationships of these dynamics as each greatly affects the other. Geographers study an array of subjects with a spatial view and attention on patterns on the landscape. This program is for seamless transfer to CSU system.

REQUIRED CORE (7 units)

		UNITS
GEOG 101	Physical Geography	3
and GEOG 101L	Physical Geography Laboratory	1
or GEOG 115	Physical Geography with Laboratory	4
GEOG 102	Natural and Cultural Geography	3

LIST A:

Choose select two to three of the following (6-8 units)

GEOG 105	World Regional Geography	3
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and one or two of the following

GEOG 140	California Geography	3
GEOG 160	Field Studies in Geography	2
ESCI 106	Weather and Climate	3

LIST B: Select 2 (6 units)

Any course not used from List A

GEOG 103	Environmental Geography	3
ANTH 100	Cultural Anthropology	3
GEOL 102	Physical Geology Lecture	3
Total Units for the Major		19-22

ASSOCIATES IN ARTS FOR TRANSFER FOR GEOGRAPHY REQUIREMENT:

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses,
2. Minimum overall grade point average of 2.0,
3. Minimum grade of "C" (or "P") for each course in the major, and
4. Completion of IGETC and/or CSU GE-Breadth.

GLOBAL STUDIES

ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

The Global Studies for transfer degree is an interdisciplinary program designed to provide students with the knowledge and understanding of globalization and the various global issues that impact the world's populations.

This degree is for seamless transfer to CSU.

Required Core (6 Units)		Units
HIST 275	Global Studies	3
POL 255	Global Citizenship	3

List A: Select five courses from at least four of the following areas (15 Units)

Area 1: Culture and Society

ANTH 100	Cultural Anthropology	3
HIST 246	World Civilization from 1500 to Present	3
HIST 242	Western Civilization	3
HIST 245	World Civilization from Antiquity to 1500	3

Area 2: Geography

GEOG 101	Physical Geography	3
GEOG 102	Cultural Geography	3
GEOG 105	World Geography	

Area 3: Economics

ECON 202M	Microeconomics	3
ECON 201M	Macroeconomics	3

Area 4: Politics

POL 220	Comparative Politics	3
POL 210	International Relations	3
POL 101	American Political Institutions	3
POL 201	Introduction to Political Science and American Government	3

Area 5: Humanities

ENGL 248A	Masterpiece World Literature	3
ENGL 248B	Masterpiece World Literature	3
CHIN 201	Intermediate Chinese	5
FREN 201	Intermediate French	5
GERM 201	Intermediate German	5
SPAN 201	Intermediate Spanish	5
PHIL 200	World Religion	3

TOTAL UNITS FOR THE MAJOR 21-23

ASSOCIATE IN ARTS DEGREE FOR TRANSFER REQUIREMENTS

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses,
2. Minimum overall grade point average of 2.0,
3. Minimum grade of "C" (or "P") for each course in the major, and

Completion of IGETC and/or CSU GE-Breadth.

KINESIOLOGY

ASSOCIATE IN ARTS FOR TRANSFER (AA-T)

An Associate in Arts Degree in Kinesiology for transfer provides students with an introductory knowledge of the fundamental principles of kinesiology including the historical development of physical education and sport in our society. Students will gain theoretical and scientific knowledge about the body, including the skeletal and muscular systems. Additionally, students will learn and execute motor/sports skills appropriate for personal development as well as proficiency in discussing the benefits of an active lifestyle. Students will display professionalism and communication/presentation skills with preparedness for transfer. This program is for seamless transfer to CSU.

REQUIRED CORE COURSES: 14 Units UNITS

KIN 100	Introduction to Kinesiology	3
A & P 150	Introduction to Human Anatomy	4
A & P151	Introduction to Human Physiology	4

Movement Based Courses (3-units minimum)

Select one (1) course maximum from any three (3) of the following areas: Aquatics, Combatives, Team Sports, Individual Sports, Fitness, Dance

Aquatics

PEX 105	Adapted Swimming	1
PEX 184	Swimming, Novice	1
PEX 185	Swimming, Beginning	1
PEX 284	Swimming, Intermediate	2
PEX 285	Swimming, Advanced	2

Combatives

PEX 147	Personal Self-Defense	1
PEX 148	Brazilian Jiu-Jitsu	1
PEX 149	Tae Kwon Do, Beginning	1
PEX 150	Mixed Martial Arts	1.5
PEX 249	Tae Kwon Do, Intermediate/Advanced	2

Dance

DANC 106A	Beginning Ballet	2
DANC 106B	Intermediate Ballet	2
DANC 108A	Dance, Modern, Beginning	2
DANC 108B	Dance, Modern, Intermediate	2
DANC 108C	Dance, Modern, Advanced	2
DANC 109	Introduction to Dance Cultures of the World	2
DANC 112	Dance, Contemporary Modern	2
DANC 121	Latin Social Dance	2
DANC 122	Middle Eastern Dance	2
DANC 123	African Dance	2
DANC 124	Hip Hop Dance	2
DANC 125	Introduction to Ballroom Dance	2

DANC 126	Hip Hop Dance Trends	2
DANC 140	Beginning Jazz Dance	2
DANC 141	Intermediate Jazz Dance	2
DANC 142	Beginning Tap Dance	2
DANC 143	Intermediate Tap Dance	2
DANC 144	Dance for Musical Theater	2

Fitness

KIN 104	Fitness and Wellness	3
PEX 103	Adapted Strength Training	1
PEX 103A	Adapted Circuit Weight Training	1
PEX 110	Aerobic Activities	1.5
PEX 111	Low Impact Aerobics	1.5
PEX 112	Step Aerobics	1.5
PEX 113	Zumba	1
PEX 116	Water Aerobics	1
PEX 117	Aqua Zumba	1
PEX 120	Cardio Kickboxing	1.5
PEX 121	High-Intensity Interval Training	1
PEX 122	CrossFit Training and Functional Exercises	1.5
PEX 124	Personal Fitness Program	1
PEX 126	Physical Fitness Training	1.5
PEX 132	Indoor Cycling	1
PEX 135	Indoor Cycling	1
PEX 138	Walking for Fitness	1
PEX 139	Walking/Jogging for Fitness	1
PEX 140	Jogging, Basics	1
PEX 141	Jogging for Fitness, Beginning	1
PEX 142	Group Treadmill and Cardio Machine Training	1
PEX 145	Circuit Weight Training, Beginning	1
PEX 151	Yoga	1
PEX 152	Restorative Yoga	1
PEX 153	Yoga and Stress Reduction	1
PEX 155	PiYo: Introduction to Pilates and Yoga	1
PEX 156	Pilates Conditioning	1
PEX 162	Badminton Fitness and Technique Training	1.5
PEX 240	Jogging for Fitness, Intermediate	2
PEX 245	Circuit Weight Training, Intermediate/Advanced	2
PEX 246	Olympic Weights-Power Lifting	2

Individual Sports

PEX 161	Badminton, Beginning	1
PEX 167	Bowling, Beginning	1
PEX 176	Golf, Beginning	1
PEX 188	Tennis, Introduction	1
PEX 189	Tennis, Beginning	1
PEX 261	Badminton, Intermediate/Advanced	2
PEX 276	Golf, Intermediate/Advanced	2
PEX 288	Tennis, Intermediate	2
PEX 289	Tennis, Advanced	2

Team Sport

PEX 107A	Adapted Soccer	1
PEX 163	Baseball, Beginning	1
PEX 165	Basketball, Novice	1
PEX 166	Basketball, Beginning	1
PEX 172	Flag Football	1
PEX 177	Futsal – Indoor Soccer	1
PEX 178	Soccer, Beginning	1
PEX 181	Softball, Beginning	1
PEX 191	Volleyball, Introduction	1
PEX 192	Volleyball, Beginning	1
PEX 263	Baseball, Intermediate/Advanced	2
PEX 265	Basketball, Intermediate	2
PEX 266	Basketball, Advanced	2
PEX 278	Soccer, Intermediate/Advanced	2
PEX 281	Softball, Intermediate/Advanced	2
PEX 291	Volleyball, Intermediate	2
PEX 292	Volleyball, Advanced	2

LIST A: (Select 2) 7-9 Units

MATH 112	Elementary Statistics	4
or MATH 112S	Enhanced Elementary Statistics	(4.5)
PSYCH 210	Elementary Statistics	(4)
CHEM 100	Introductions to Chemistry	4
or CHEM 111	General Chemistry	(5)
PHYS 101	General Physics	4
or PHYS 201	Engineering Physics	(4)
HED 110	Community First Aid and CPR	3
or KIN 110	Community First Aid and CPR	(3)
Total Units for the Major		21-26

ASSOCIATES IN ARTS FOR TRANSFER REQUIREMENTS

1. Completion of 60 semester units or 90 quarter units of degree-applicable courses,
2. Minimum overall grade point average of 2.0,
3. Minimum grade of "C" (or "P") for each course in the major, and
4. Completion of IGETC and/or CSU GE-Breadth.

WMT 237L**TRADITIONAL FURNITURE LAB 2.5 UNITS**

Class hours: 2.5 Laboratory

Prerequisite: WMT 237 with a grade of "C" or higher or "Pass"

In this course, students will explore traditional furniture building techniques other than those taught in WMT 237. Students will study, design, and build a piece of traditional furniture, in the form and style of their choice.

Transfer Credit: CSU