
Programs of Study

AA = Associate in Arts Degree and AS= Associate in Science Degree (4 semesters, 60+ units)

AD-T = Associate Degree for Transfer (California State University system, 60 units)

C = Certificate of Achievement and LC = Local Certificate (1-3 semesters, short-term training)

The 2019-2020 course catalog requires a revision and addition. The following programs should be added or revised:

| | |
|---|---------|
| Academic Readiness. | C |
| English as a Second Language (ESL). | C |
| Industrial Mechanic. | C |
| Kinesiology. | AA/AA-T |
| Sociology. | AA-T |

Academic Readiness

Academic Readiness Certificate of Achievement

The Academic Readiness Certificate is for students with learning and other disabilities. The certificate prepares students for the academic rigor of college level courses along with the development of academic skills to succeed in college. The Academic Readiness Certificate offers preparation in English and math courses and the development of career planning and college success skills.

Upon successful completion of the program, students will be able to:

- demonstrate knowledge of major muscle groups and joint movements as they pertain to common demonstrations of human performance.
- demonstrate the proper technique for performing exercises essential to improving general fitness levels.
- understand the connection between proper nutrition and improved athletic performance.
understand and demonstrate how healthy mental functioning impacts athletic performance.
- select and implement field tests necessary for fitness assessment.

| Course # | Title | Units |
|------------------------------|--|----------|
| Required Core Courses | | |
| IS-001..... | College Success..... | 3 |
| IS-002..... | Career Planning..... | 1 |
| GS-061..... | Content Area Support..... | 1 |
| GS-107..... | Guidance Studies Reading and Writing for Academic Readiness..... | 2 |
| GS-108..... | Guidance Students Math for Academic Readiness..... | 2 |
| | Total | 9 |

English as a Second Language (ESL)

English as a Second Language (ESL) NC Certificate of Completion

The ESL Certificate of Completion is designed to prepare students to communicate, write, and read in the English language. ESL students will have an opportunity to show their employers and future employers that they have an understanding and knowledge of the English language.

Upon successful completion of the program, students will be able to:

- demonstrate correct spelling and grammar in English.
- demonstrate proper reading and cognitive development in English.
- demonstrate confidence in their speaking, reading, and writing in English.

| Course # | Title | Units |
|------------------------------|---|----------|
| Required Core Courses | | |
| NC-120..... | Beginning Reading, Writing, and Speaking Skills..... | N/A |
| NC-125..... | Intermediate Reading, Writing, and Speaking Skills..... | N/A |
| NC 130..... | Advanced Reading, Writing and Speaking | N/A |
| NC 135..... | Advanced Communication Skills for Life and Career | N/A |
| | Total | 0 |

Industrial Mechanic

Industrial Mechanic I Certificate of Achievement

The Industrial Mechanic I Certificate program is modeled after local industry competency standards. The program includes study in the following areas: power transmission, hydraulics, pneumatics, centrifugal pumps, electrical theory and components for the industrial maintenance mechanic and industrial safety in manufacturing. This program prepares students for entry level positions in Industrial Maintenance Mechanic, Industrial Maintenance Technician, Process Maintenance Technician, Plant Maintenance Mechanic, and Building Maintenance Mechanic.

Upon successful completion of the program, students will be able to:

- demonstrate proficiency of safety principles required for industrial employment.
- demonstrate proficiency in basic electrical systems for industrial equipment.
- demonstrate proficiency in power transmission systems.
- demonstrate an understanding of industrial manufacturing.
- demonstrate an understanding of hydraulic and pneumatic systems.
- demonstrate an understanding of centrifugal pumps.
- demonstrate problem solving skills used in industrial manufacturing environments.

| Course # | Title | Units |
|------------------------------|--|-----------|
| Required Core Courses | | |
| MM 051A | Introduction to Industrial Mechanics | 3 |
| MM 051B | Mathematics for Machine Technology | 3 |
| MM 051C | Electrical for the Industrial Mechanic | 3 |
| MM 051D | Power Transmission System 1 | 3 |
| MM 051E | Hydraulic and Pneumatic Systems 1 | 3 |
| MM 051F | Pump Systems 1 | 3 |
| MM 054 | Welding Fundamentals | 3 |
| ITEC-015X..... | Occupational Work Experience..... | 2 |
| Total | | 23 |

*This is a **recommended sequence** of courses for timely completion of this program. Please see your counselor to formalize your personalized educational plan or for alternative planning.*

| SEMESTER 1 | | SEMESTER 2 | |
|-----------------|-----------|-----------------|-----------|
| MM-051A..... | 3 | MM-051C..... | 3 |
| MM-051B..... | 3 | MM-051D..... | 3 |
| MM-054B..... | 3 | MM-054E..... | 3 |
| ITEC-0015X..... | 1 | MM-051F..... | 3 |
| | 10 | ITEC-0015X..... | 1 |
| | | | 13 |

Kinesiology

Kinesiology AA-T

The Kinesiology curriculum is designed to provide the opportunity to achieve an associate degree in the student’s area of specialization. While a baccalaureate degree is recommended preparation for those considering professional careers in this field, the completion of this suggested program will demonstrate commitment to the field, and provide comprehensive preparation for upper division work.

Program Student Learning Outcomes

Upon completion of the program, students will be able to:

- demonstrate knowledge of major muscle groups and joint movements as they pertain to common demonstrations of human performance.
- demonstrate the proper technique for performing exercises essential to improving general fitness levels.
- understand the connection between proper nutrition and improved athletic performance.
- understand and demonstrate how healthy mental functioning impacts athletic performance.
- select and implement field tests necessary for fitness assessment.

Associate Degree for Transfer requirements (pursuant to SB 1440):

- Complete a minimum of 18 semester units in a major or area of emphasis
- Complete IGETC or CSU General Education – Breadth requirements
- Complete total of 60 CSU transferable semester units
- Complete all required courses for the major or area of emphasis with a “C” or better
- Obtain an overall minimum grade point average of 2.0

| Course # | Title | Units |
|---------------------------------------|--|-----------|
| Required Core Courses | | |
| KINES-001..... | Introduction to Kinesiology | 3 |
| BIO-032..... | Human Anatomy | 4 |
| BIO-035..... | Human Physiology | 4 |
| | Movement Based Courses: Select three courses from the list below; PE 002, PE 003, PE 006, PE 007, PE 008, PE 011, PE 016, PE 018, PE 021, PE 023, PE 025A..... | 3 |
| Select 6 Units from list below | | |
| CHEM-001A.... | General Chemistry..... | 5 |
| MATH-025..... | Introduction to Statistics..... | 4 |
| KINES-048..... | First Aid and Safety..... | 3 |
| PHYS-002..... | Mechanics & Thermodynamics..... | 4 |
| | Total..... | 21-23 |
| | CSU-GE-B or IGETC requirements (allowing double counting)..... | 37-39 |
| | Total | 60 |

*This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math is required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.*

| SEMESTER 1 | | SEMESTER 2 | | SEMESTER 3 | | SEMESTER 4 | |
|----------------|-----------|---------------------|-----------|-----------------------|-----------|------------------------|-----------|
| BIO-032..... | 4 | BIO-035..... | 4 | CHEM-001A or | | PE Course..... | |
| KINES-001..... | 3 | PE Course..... | | PHYS-002A..... | 4 | HIST-017A or 017B..... | 3 |
| PE Course..... | | AREA-A3..... | 3 | POLSCI-1..... | 3 | AREA-C1/2..... | 3 |
| ENG-001A..... | 3 | COM-001 or 004..... | 3 | AREA-C1..... | 3 | AREA-D3..... | 3 |
| MATH-025..... | 4 | KINES-048..... | 3 | AREA-C2..... | 3 | ELECTIVE-001-049..... | 5 |
| | 14 | | 15 | ELECTIVE-001-049..... | 3 | | 15 |
| | | | | | 16 | | |

Sociology

Sociology AA-T

The Associate of Arts degree in Sociology for Transfer (AA-T) provides students with the comprehensive knowledge of the scientific study of human social life. The degree provides students with an understanding of the major theoretical perspectives in sociology, knowledge about and the ability to use sociological concepts in the analysis of social phenomena, opportunities to develop critical thinking as well as written and oral communication skills utilizing a sociological perspective, an understanding of socio-cultural diversity within and among societies, and qualitative and quantitative research skills.

Program Student Learning Outcomes

Upon completion of the program, students will be able to:

- apply and demonstrate sociological literacy underscoring the centrality of race, class, and gender in society including multicultural, cross-cultural, and cross-national content in sociological analysis.
- apply and demonstrate higher order critical thinking skills using major concepts and theoretical perspectives in sociological analysis through written and oral communication.
- apply and demonstrate an empirical base of sociology across several methodologies, posing sociological questions, developing theoretical explanations, and using primary and secondary data as supporting evidence.

Associate Degree for Transfer requirements (pursuant to SB 1440):

- Complete a minimum of 18 semester units in a major or area of emphasis
- Complete IGETC or CSU General Education – Breadth requirements
- Complete total of 60 CSU transferable semester units
- Complete all required courses for the major or area of emphasis with a “C” or better
- Obtain an overall minimum grade point average of 2.0

| Course # | Title | Units |
|------------------------------|--|-----------|
| Required Core Courses | | |
| SOC-001..... | Introduction to Sociology..... | 3 |
| SOC-002..... | Critical Thinking and Social Problems..... | 3 |
| SOC-003..... | Marriage and Family Relations..... | 3 |
| SOC-005..... | Cultural Sociology..... | 3 |
| SOC-010..... | Sociological Practice..... | 3 |
| MATH-025..... | Introduction to Statistics..... | 4 |
| | Total | 19 |
| | IGETC/CSU-GE Breadth | 37-39 |
| | Electives as needed | 13-14 |
| | Total | 60 |

*This is a **recommended sequence** of courses for timely completion of this program. Entry in to transfer level English and math is required to follow this recommended sequence. Please see your counselor to formalize your personalized educational plan or for alternative planning.*

| SEMESTER 1 | | SEMESTER 2 | | SEMESTER 3 | | SEMESTER 4 | |
|------------------|-----------|-----------------------|-----------|-----------------------|-----------|-----------------------|-----------|
| ENG-001A..... | 3 | SOC-002..... | 3 | SOC-010..... | 3 | SOC-005..... | 3 |
| MATH-025..... | 4 | SOC-003..... | 3 | HIST-017A/B..... | 3 | Area C1/2..... | 3 |
| COM-001/004..... | 3 | Area B1..... | 4 | BIO-010/015..... | 3 | POLSCI-001..... | 3 |
| SOC-001..... | 3 | Area C1..... | 3 | Area C2..... | 3 | Elective 001-049..... | 4 |
| IS-001..... | 3 | Elective 001-049..... | 3 | Elective 001-049..... | 3 | | 13 |
| | 16 | | 16 | | 15 | | |