# PROGRAM OF STUDY

## CC Associate in Arts Degree in Anthropology for Transfer AA Degree Program

An Associate in Arts Degree in Anthropology for Transfer prepares students for transfer to the CSU system to earn a baccalaureate in Anthropology and its subfields, Archaeology, Biological Anthropology, Cultural Anthropology, and Linguistic Anthropology. Anthropology teaches students to think critically about humans worldwide, their biology, and their culture. Upon successful completion of the program students will be able to apply anthropological principles to the understanding of human cultural and biological variation, compare and contrast major theoretical perspectives in anthropology, and evaluate cross-cultural data using the scientific method. These skills can be applied to careers in anthropology, forensics, law, business, cultural resource management, and human services. To complete the degree, students must fulfill both of the following requirements:

1. Completion of 60 semester units that are eligible for transfer to the California State University, including both of the following:

   a. The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education-Breadth Requirements.

   b. A minimum of 19 semester units in a major or area of emphasis, as determined by the Kern Community College District Board of Trustees.

2. Obtainment of a minimum grade point average of 2.0.

Please note that our local Cerro Coso general education pattern MAY NOT be used to fulfill the requirements of this degree and that all required courses for the degree must be transferable to CSU.

## This program prepares students for careers in Anthropology

The program prepares students for careers in anthropology as well as careers in forensics, international affairs, social services, cultural resource management, business, and education.

**Courses**
**Note: Some courses within the major may have a required prerequisite. If you feel you have equivalent knowledge and skills to those included in the prerequisite course through professional experience, licensure or certification, you have the opportunity to submit a Prerequisite Challenge to be reviewed by the faculty chair. For the Prerequisite Challenge to be considered, you must submit documentation/verification to substantiate the basis for the challenge. Please consult a counselor for more information regarding Prerequisite Challenge.**

**Required Core (9 units minimum)**

| | | |
|---|---|---|
| ANTH C111 | Cultural Anthropology | 3 |
| ANTH C131 | Archaeology | 3 |
| ANTH C121 | Physical Anthropology | 3 |
| | or | |
| ANTH C121H | Physical Anthropology Honors | 4 |

Total: 9 - 10

**List A (4 units minimum)**

| | | |
|---|---|---|
| MATH C121 | Elementary Probability and Statistics | 4 |
| | or | |
| MATH C121H | Elementary Probability and Statistics - Honors | 5 |

Total: 4 - 5

**List B (3-4 units)** — Units

| | | |
|---|---|---|
| PSYC C271 | Research Methods in the Social and Behavioral Sciences | 3 |
| | or | |
| BIOL C251 | Human Anatomy | 4 |

|  | or | |
|---|---|---|
| GEOL C111 | Physical Geology | 4 |

<div align="right">Total: 3 - 4</div>

**List C (3 units minimum)**

| ANTH C141 | Native Peoples of North America | 3 |
|---|---|---|
|  | or | |
| HIST C209 | History of Mexico | 3 |
|  | or | |

<div align="right">A Total: 3</div>

**Complete one of the following general education patterns:**

<div align="right">Units</div>

**OPTION B CSU General Education Breadth**
**OPTION C IGETC – Intersegmental General Education Transfer Curriculum**

<div align="right">Total: 37 - 39</div>

| **Total Units** | **60** |
|---|---|

# Program Learning Outcomes

**1 .** Critique selected aspects of human social and cultural life from an anthropological perspective.
*Assessment:* Examination through essay, multiple choice, and true/false questions.

**2 .** Compare and contrast major theoretical perspectives in anthropology.
*Assessment:* Examination through essay, multiple choice, and true/false questions.

**3 .** Use the scientific method to analyze aspects of the human condition.
*Assessment:* Examination through essay, multiple choice, and true/false questions.

**4 .** Analyze the place of humanity in nature and describe the methods used to study humans as biological organisms.
*Assessment:* Examination through essay, multiple choice, and true/false questions.

**5 .** Identify major trends in cultural evolution using the material cultures of prehistoric and historic humans.
*Assessment:* Examination through essay, multiple choice, and true/false questions.

# Program Matrix

| Courses | Program Learning Outcomes | | | | |
|---|---|---|---|---|---|
|  | **A** | **B** | **C** | **D** | **E** |
| ANTH C111 | | | | | |
| ANTH C121 | | | | | |
| ANTH C121H | | | | | |
| ANTH C131 | | | | | |
| ANTH C141 | X | | | | X |
| BIOL C251 | | | X | X | |
| GEOL C111 | | | | | |
| HIST C209 | X | | | | |
| MATH C121 | | | | | |

# Planning Summary

## Program Cover

| | |
|---|---|
| **Recommended T.O.P. Code** | 2202.00 |
| **Units for Degree Major or Area of Emphasis** | 19-22 |
| **Total Units for Degree** | 60 |
| **Required Units-Certificate** | N/A |
| **Projected Annual Completers** | 6 |
| **Projected Net Annual Labor Demand (CTE)** | N/A |
| **Estimated FTE Faculty Workload** | 6.6 |
| **Number of New Faculty Positions** | 0 |
| **Est. Cost, New Equipment** | $5000 for laboratory specimens and equipment |
| **Cost of New/Remodeled Facility** | 0 |
| **Est. Cost, Library Acquisitions** | 0 |
| **When will this program undergo review as part of college's Program Evaluation Plan?** | 30 = Spring 2022 |

## Need

| | |
|---|---|
| **Enrollment and Completer Projections** | 6 |
| **Place of Program in Curriculum/Similar Programs** | There are no similar programs. |
| **'Similar Programs at other colleges in service area** | There are no similar programs in this service area. |
| **Labor Market Information & Analysis (CTE only)** | N/A |
| **Employer Survey (CTE only)** | N/A |
| **Explanation of Employer Relationship (CTE Only)** | N/A |
| **List of Members and Advisory Committee (CTE Only)** | N/A |
| **Recommendations of Advisory Commitee (CTE Only)** | N/A |

## Adequate Resources

| | |
|---|---|
| **Library and/or Learning Resources Plan** | Cerro Coso's Learning Resource Center is able to provide extensive online data bases that include EBSCOhost which provides full-text academic and peer review anthropology journals. EBSCOhost is available to students 24/7 as an online resource and accessible to all students that are enrolled in both distance and on campus classes. In addition, the Academic Search Complete resource contains indexing and abstracts for more than 8,500 journals, with full text for more than 4,600 of those titles. This database contains unmatched full-text coverage in anthropology, biology, chemistry, engineering, physics, psychology, religion and theology, etc. Opposing Viewpoints Resource Center also available to all Cerro Coso Students draws on the acclaimed social issues series published by Greenhaven Press, as well as core reference content from other Gale and Macmillan Reference USA sources to provide a complete one-stop source for information on social issues. Access viewpoint articles, topic overviews, statistics, primary documents, links to websites, and full-text magazine and newspaper articles are resources that adequately provide students with research material necessary for study within this degree. |
| **Facilities and Equipment Plan** | The equipment and facilities for the Anthropology Program are already available at the four sites. A one time cost of approximately $5000 will be needed to set up the Physical Anthropology laboratory at IWV. However, the casts and equipment used in this laboratory can be shared with the Human Anatomy and Biology laboratories. |
| **Financial Support Plan** | The Anthropology Program's financial support can be found in the Social Sciences Annual Unit Plan |
| **Faculty Qualifications and Availability** | The current staffing, both adjunct and full time, for the Anthropology Program is already available. |

## Compliance

| | |
|---|---|
| **Based on model curriculum (if applicable)** | This degree program follows the C-ID Transfer Model Curriculum for Anthropology. It was developed by a committee of anthropology instructors from California universities and community colleges. |
| **Licensing or Accreditation Standards** | None |
| **Student Selection and Fees** | None |

# Conditions of Enrollment

**Advisory**
ENGL C070

# PROGRAM OF STUDY

## Cyber Security Technology AS Degree Program

CYBER SECURITY TECHNOLOGY Associate of Science degree is designed for students pursuing professional employment in information security for business. This degree program provides students with skills to enter the job market as information assurance technicians, information security analysts, network security professionals and cyber security technicians. Designed for both full-time and part-time students, this program is appropriate to both those currently employed and those seeking to enter the field. This degree program is also transferable to California State University at San Bernardino.

Courses required for the Associate degree major at Cerro Coso Community College may not be the same as those required for the corresponding major at a four-year school. Consult a counselor and visit www.assist.org to identify the courses needed for the major at your transfer school and to develop a plan that will best meet your goals.

You must complete a minimum of 60 units, including the courses listed in the major and general education requirements, with an overall GPA of 2.0 or better, and a grade of "A," "B," "C," or "P" in all courses for the major. A minimum of 12 units must be completed at Cerro Coso Community College.

Your transfer institution may require some of the major courses to be taken for a grade. Please consult a counselor and www.assist.org to determine any limitations on Pass/No pass grading in major preparation courses.

## This program prepares students for careers in Information Security

Cyber Security Technician Information Technology Security Professional Information Assurance Technician Information Assurance Manager Security Analyst

**Courses Note:**
**Some courses within the major may have a required prerequisite. If you feel you have equivalent knowledge and skills to those included in the prerequisite course through professional experience, licensure or certification, you have the opportunity to submit a Prerequisite Challenge to be reviewed by the faculty chair. For the Prerequisite Challenge to be considered, you must submit documentation/verification to substantiate the basis for the challenge. Please consult a counselor for more information regarding Prerequisite Challenge.**

| | | |
|---|---|---|
| CSCI C101 | Introduction to Computer Information Systems | 3 |
| CSCI C142 | Information & Communication Technology Essentials | 4 |
| CSCI C143 | Computer Network Fundamentals | 3 |
| CSCI C146 | Introduction to Information Systems Security | 3 |
| CSCI C251 | Introduction to Programming Concepts and Methodologies | 3 |
| CSCI C190 | Introduction to Cybersecurity: Ethical Hacking | 3 |
| CSCI C193 | System and Network Administration | 3 |
| CSCI C195 | Introduction to Systems Analysis and Design | 3 |
| MATH C121 | Elementary Probability and Statistics | 4 |
| | **or** | |
| MATH C121H | Elementary Probability and Statistics - Honors | 5 |
| | **or** | |
| MATH C130 | Finite Mathematics | 4 |
| | **or** | |
| MATH C131 | Basic Functions and Calculus for Business | 4 |

Total: 29 - 30

**Complete one of the following general education patterns:**
**OPTION A: Cerro Coso General Education Requirements: AA/AS degree**
**OPTION B: CSU General Education Breadth**
**OPTION C: IGETC - Intersegmental General Education Transfer Curriculum**

**Units**

Total: 30 - 31

**Total Units**      **60**

# Program Learning Outcomes

**1 .** Configure, install, diagnose, and support hardware and software issues.
*Assessment:* This will be assessed by projects and scored with rubrics in course CSCI C142.


**2 .** Utilize identifying tools and methodologies that hackers use to break into a network computer and defend a computer and local area network against a variety of different types of security attacks using a number of hands-on techniques.
*Assessment:* This will be assessed by projects and scored with rubrics in course CSCI C146 and CSCI C190.


**3 .** Design, analyze, and support computer networks.
*Assessment:* This will be assessed by projects and scored with rubrics in course CSCI C143.


**4 .** Apply problem-solving, programming, and application development including the ability to design, test, debug, and implement complex computer programs.
*Assessment:* This will be assessed by projects and scored with rubrics in in course CSCI C251.


**5 .** Operate servers, storage, and virtualization including implementing and evaluating network security solutions.
*Assessment:* This will be assessed by projects and scored with rubrics in course CSCI C146 and CSCI C193.


**6 .** Read and interpret technical information, as well as communicate with and write clearly for wide ranges of audiences.
*Assessment:* This will be assessed by a project scored and with a rubric in course CSCI C101 and CSCI C195.


# Program Matrix

| Courses | Program Learning Outcomes | | | | | |
|---|---|---|---|---|---|---|
| | A | B | C | D | E | F |
| CSCI C101 | X | | | X | X | X |
| CSCI C142 | X | | | | X | X |
| CSCI C143 | X | | X | | X | X |
| CSCI C146 | X | X | X | | X | X |
| CSCI C190 | X | X | | | X | X |
| CSCI C193 | X | | X | | X | X |
| CSCI C195 | X | | X | | X | X |
| CSCI C251 | | | | X | | X |
| MATH C121 | | | | X | | |
| MATH C121H | | | | X | | |
| MATH C130 | | | | X | | |
| MATH C131 | | | | X | | |

# Planning Summary

## Program Cover

| | |
|---|---|
| **Recommended T.O.P. Code** | 0708.10 |
| **Units for Degree Major or Area of Emphasis** | 29 |
| **Total Units for Degree** | 60 |
| **Required Units-Certificate** | 29 |

| | |
|---|---|
| **Projected Annual Completers** | 50-100 |
| **Projected Net Annual Labor Demand (CTE)** | 150 |
| **Estimated FTE Faculty Workload** | 1 |
| **Number of New Faculty Positions** | 0 |
| **Est. Cost, New Equipment** | 50,000 |
| **Cost of New/Remodeled Facility** | 25,000 |
| **Est. Cost, Library Acquisitions** | 5,000 |
| **When will this program undergo review as part of college's Program Evaluation Plan?** | 70 = Fall        2019 |

## Need

| | |
|---|---|
| **Enrollment and Completer Projections** | The Cyber Security program is a new program that will fill a target need for industry. Employers have indicated a need for 100 employees in this area. In order to full this need, we will need to scale our program offerings to meet this need. We project enrollment in the program to be 150-200 in the four beginning courses. Students will choose between the Computer Information Systems and Cyber Security program following completion of the four core classes. Completer projections are 50-100 per year by 2018. For those students interested in transfer, the new model cyber security curriculum provides students with a pathway to California State University at San Bernardino in the Information Systems and Technology Bachelor of Science program. All of the courses offered in the CIS degree are accepted for transfer within the UC and CSU systems (source: assist.org) as well as other universities throughout the US. |
| **Place of Program in Curriculum/Similar Programs** | These courses also serve the Computer Information Systems Associate's certificate and degree. |
| **'Similar Programs at other colleges in service area** | There are no other colleges in our service area and the program does not represent unnecessary duplication. The program does not represent unnecessary duplication of training programs and other regional colleges offering a similar program are too far away to impact employer's needs in our service area. |
| **Labor Market Information & Analysis (CTE only)** | The Cyber Security program has documented labor market demand for the degree and certificate. In the Cerro Coso service area there are many known jobs that are not documented because employer's corporate offices are out of state. For example, positions appropriate for CIS grads such as those required by aerospace contractors, the Naval Air Warfare Center at China Lake, and even our own Cerro Coso Community College classified IT staff are not captured in this reporting system because the corporate offices are located outside our service area. Employers in the Indian Wells Valley have attended the Advisory Committee meetings over the past several years and have actively engaged in the discussions and development of the new certificate(s) and degree both for Computer Information Systems and Cyber Security Technology. While the numbers of job opportunities are reflective in the environmental scans attached, two local employers are not captured (Jacobs Technology and the Naval Air Warfare Center at China Lake). These two specific employers have come to the college in the past few months presenting their local hiring requirements. Each employer is estimating a minimum of 40-50 students needed for their organization. Internships and apprenticeship programs have recently been developed to provide a pipeline for employees. Environmental scan reports from EMSI, Burning Class and the Community College Review all project huge need that is only expected to expand. The Cyber Security job postings have grown 91% from 2010-2014 as compared to other IT postings (28%). The duration of the postings in cyber security is 47 days versus 36 days for all other IT jobs. Salaries for Cyber Security are $6,459 higher than all other IT postings (Cyber Security $83,934 versus IT $77,475). Additionally, California ranks first in the nation for the job postings (Burning Glass) and the percentage of growth from 2010-2014 was 75%. There were 28,744 job postings in California from 2010-14. |
| **Employer Survey (CTE only)** | Specific CSCI courses have been developed and delivered to meet the short-term and long-term needs of local employers. The CIS Advisory Committee formed a subcommittee for Cyber Security to review the national Homeland Security and National Security Administration. Additionally, the development team of the program includes top experts from NAWC and AltaOne. The department is responsive to requests for specific training programs and attempts to develop appropriate coursework as needed, dependent on staffing and budgetary constraints. |

| | |
|---|---|
| **Explanation of Employer Relationship (CTE Only)** | The Computer Information Systems/Information Technology/Cyber Security Advisory Committee continues to be the pivotal point in program development. The CIS Advisory Committee formed a subcommittee for Cyber Security to review the national Homeland Security and National Security Administration. Additionally, the development team of the program includes top experts from Naval Air Warfare Center at China Lake and AltaOne Federal Credit Union. The program was reviewed and approved by the subcommittee of experts. |
| **List of Members and Advisory Committee (CTE Only)** | Melissa Oliverez, Continental Labor; Johnson Daniel, Coso/Teragen contrastIT; Mary Lorber, Engility; Sean Callihan, Jacobs Engineering; Tom Della Santina, Jacobs Engineering; Vaughn Corbridge, HTii; Eileen Shibley, Monarch; Uwe Schmiedel, Monarch Edward Balcer, NAWC Keith Bennett, NAWC Heather Kenny, NAWC Tony Vitale, NAWC Margaret Porter, NAVAIR; Autumn Piotrowski, NAVAIR; Mark Henderson, NAVAIR Weapons Division; Linda Homer, NAVAIR Weapons Division; Angel Zammarron, NAVAIR Weapons Division John Paul, New Directions Technology, Inc; Kishor Joshi, Pertexa; Scott Lougheed, Saalex Paul McKenzie, Saalex |
| **Recommendations of Advisory Commitee (CTE Only)** | The Advisory Committee endorsed and recommended the Cyber Security Technician Certificate of Achievement and the Cyber Security Technology A.S. |

## Adequate Resources

| | |
|---|---|
| **Library and/or Learning Resources Plan** | The Library and LRC are used to support the current program. The library is used to support research for the courses in the program. Five of the Cyber Security program is shared with the CIS courses, so there are adequate resources available. The additional three courses for the program may require additional books and materials for the program. The department faculty regularly works with the librarian to acquire books and materials for the area and programs. Additionally, several courses in the department are directly supported with Library research instructions tailored to the course by the library staff. |
| **Facilities and Equipment Plan** | Most on-site CIS courses at the IWV campus are taught in the Learning Resource Center. There are two computer lab classrooms. One classroom is equipped with 30 student stations and the third is equipped with 29 student stations. All rooms have an instructor station, an overhead projector, and whiteboards. Although iTV rooms are available to allow multiple campuses to participate in a single course, the rooms are not equipped with computer stations, limiting their usefulness for CSCI courses that require hands-on access to technology to achieve the student learning objectives. Increasingly, other disciplines (English, math, engineering, science) are requesting to use the computer classrooms for their own courses. It is expected that as the college continues to develop technical, engineering, and science programs, and as the use of computer technology is infused across the curriculum, the demand for these rooms will increase and additional facilities will be required. The classroom computers are rotated based on a set replacement schedule developed by the Technology Resource Team and implemented by the IT staff. Specialized software is installed upon request if supplied by the department. Because of the quickly changing nature of the computer industry, faculty, classroom, and lab computers should be kept current and replaced on a regular cycle as determined by the campus Technology Resource Team. Current hardware and software are necessary to be able to train students to be competitive in the workplace and for transfer to other programs. Classrooms must have computers, speakers, a projector, and the ability to play CDs and DVDs. Headsets are also needed. |
| **Financial Support Plan** | The college has used VTEA funds to further develop the CIS program in the past. In the 2016-17 academic year, a new Cyber Security Technology Plan (TOPS 708.10) will be developed and funds will be requested. If it determined that the college needs to be a Cisco certified partner, there will be space required, equipment required and an ongoing equipment cost that could be funded through federal grants for Cybersecurity. |
| **Faculty Qualifications and Availability** | Adjunct faculty with specialization in cyber security and information technology are available to fill the need initially for the program for the higher-level classes. Depending on the scaling of this program, there may be a need to hire a full time faculty member to shepherd the program. Entry level and mid-level course are currently staffed with current department staffing includes five full-time faculty split between several disciplines (BSAD, BSOT, CSCI, and DMA) and a large number of part-time faculty. Four full time faculty are assigned to the Indian Wells Valley (IWV) campus and the other is assigned to the Bishop and Mammoth campuses, leaving Kern River Valley and South Kern without full time faculty representation and support. There is a desire to build up programs in all college areas, but the ability to do so is limited by the availability of full time staffing in some areas |

## Compliance

| | |
|---|---|
| **Based on model curriculum (if applicable)** | N/A |
| **Licensing or Accreditation Standards** | N/A |
| **Student Selection and Fees** | N/A |

Conditions of Enrollment

# PROGRAM OF STUDY
## CC Nutrition and Dietetics AS-T Degree Program

ASSOCIATE OF SCIENCE DEGREE FOR TRANSFER IN NUTRITION AND DIETETICS is designed to prepare students for transfer to baccalaureate institutions, where they may complete a bachelor's degree in Nutrition and Dietetics or related disciplines and subsequently work in the fields of nutrition science, medical nutrition therapy, community nutrition, or food management and production. They may also pursue additional academic and professional certification, including those to become a Registered Dietitian.

This course of study provides students with a foundation in the fundamentals of nutrition, food preparation, psychology, microbiology, and chemistry, with options for anatomy, physiology, statistics, or additional chemistry.

Courses required for the associate degree major at Cerro Coso Community College may not be the same as those required for the corresponding major at a four-year school. Students should consult a counselor and visit www.assist.org to identify the courses needed for the major at the transfer school and to develop a plan that will best meet the educational goal.

Students must complete a minimum of 60 units, including the courses listed in the major and general education requirements, with an overall GPA of 2.0 or better, and a grade of "A," "B," or "C," in all courses for the major. A minimum of 12 units must be completed at Cerro Coso Community College.

P/NP grading may not be used for courses in a student's major field.

## This program prepares students for careers in Nutrition and Dietetics
Nutritionist Dietitian

**REQUIRED CORE: Complete all of the following courses:**

| | | |
|---|---|---|
| HCRS C121 | Nutrition | 3 |
| HCRS C122 | Principles of Food Preparation | 3 |
| PSYC C101 | General Psychology | 3 |
| CHEM C111 | General Inorganic Chemistry I | 5 |
| BIOL C262 | General Microbiology | 5 |

A Total: 19

**ADDITIONAL PROGRAM REQUIREMENTS: Select at least 1 course (4-5 units) from the following:** Units

| | | |
|---|---|---|
| BIOL C251 | Human Anatomy | 4 |
| BIOL C255 | Human Physiology | 4 |
| CHEM C113 | General Inorganic Chemistry II | 5 |
| CHEM C221 | Organic Chemistry I | 5 |
| MATH C121 | Elementary Probability and Statistics | 4 |

A Total: 22

| **Total Units** | **23 - 24** |
|---|---|

PID 1141

## Program Learning Outcomes

**1 .** Identify the macronutrients and major micronutrients, their main sources, functions, and signs of toxicity and deficiency.
*Assessment:* This will be assessed with an examination in HCRS C121.

**2 .** Evaluate safety and sanitation practices and appropriate techniques in the preparation and cooking of a variety of foods.
*Assessment:* This will be assessed with an examination in HCRS C122.

**3 .** Describe applied areas of psychology, including clinical counseling and community, organization, and school health.
*Assessment:* This will be assessed with a term paper in PSYC C101.

**4 .** Explain the driving force behind chemical bonding, be able to classify bonds as ionic, covalent or both, apply bonding theories to predict structure and properties of substances.
*Assessment:* This will be assessed with an examination in CHEM C111.

**5 .** Compare and contrast different mechanisms used by various pathogens to invade host organ systems and cause disease.
*Assessment:* This will be assessed with an examination in BIOL C262.

**6 .** Apply concepts of anatomy, physiology, chemistry, or statistics.
*Assessment:* This will be assessed with an examination in BIOL C251, BIOL C255, CHEM C113, CHEM C221 or MATH C121.

# Program Matrix

| Courses | Program Learning Outcomes | | | | | |
|---|---|---|---|---|---|---|
| | **A** | **B** | **C** | **D** | **E** | **F** |
| BIOL C251 | | | | | | X |
| BIOL C255 | | | | | | X |
| BIOL C262 | | | | | X | |
| CHEM C111 | | | | X | | |
| CHEM C113 | | | | | | X |
| CHEM C221 | | | | | | X |
| HCRS C121 | X | | | | | |
| HCRS C122 | | X | | | | |
| MATH C121 | | | | | | X |
| PSYC C101 | | | X | | | |

# Planning Summary

## Program Cover

| | |
|---|---|
| **Recommended T.O.P. Code** | 1306.00 |
| **Units for Degree Major or Area of Emphasis** | 23-24 |
| **Total Units for Degree** | 60 |
| **Required Units-Certificate** | N/A |
| **Projected Annual Completers** | 15 |
| **Projected Net Annual Labor Demand (CTE)** | N/A |
| **Estimated FTE Faculty Workload** | 3 |
| **Number of New Faculty Positions** | 0 |
| **Est. Cost, New Equipment** | 0 |
| **Cost of New/Remodeled Facility** | 0 |
| **Est. Cost, Library Acquisitions** | 0 |

| When will this program undergo review as part of college's Program Evaluation Plan? | 30 = Spring    2022 |

## Need

| Enrollment and Completer Projections | 80 FTES and 15 completions per year. |
| --- | --- |
| Place of Program in Curriculum/Similar Programs | The AS-T in Nutrition and Dietetics complements other programs in the Allied Health department well, offering an approach to health care that is both palliative and preventive. This program also incorporates the existing HCRS C121 Nutrition course into a degree program, whereas currently it solely resides among general education options. Only one new course is required to offer this AS-T: HCRS C122 Principles of Food Preparation. |
| 'Similar Programs at other colleges in service area | According to the state Chancellor's inventory, there are only 5 colleges in the State with an AS-T in Nutrition and Dietetics: Canada College, Cuesta College, Monterey Peninsula, Moorpark College, and Sierra College. Only 1 of the colleges has information about this AS-T that is accessible on their web site (Monterey Peninsula http://www.mpc.edu/Home/ShowDocument?id=13732). An AS-T in Nutrition and Dietetics is not offered at the other colleges in the Kern Community College District. Bakersfield College has an A.S. in Child Nutrition, but this is a CTE program and is not comparable to this AS-T. |
| Labor Market Information & Analysis (CTE only) | Although labor market information is not required for AS-T degrees, all degrees should ultimately lead to jobs, and it is worth highlighting that Nutrition and Dietetics is a growing field. EMSI projects 13% job growth in the State for individuals with a bachelor's degree in nutrition or dietetics, many of whom continue on to obtain certification as a Registered Dietitian or pursue advanced degrees and certifications in nutrition. |
| Employer Survey (CTE only) | N/A |
| Explanation of Employer Relationship (CTE Only) | N/A |
| List of Members and Advisory Committee (CTE Only) | N/A |
| Recommendations of Advisory Commitee (CTE Only) | N/A |

## Adequate Resources

| Library and/or Learning Resources Plan | The Allied Health Department is in discussion with the librarians on purchasing titles to support the program. The Learning Resource Center also currently subscribes to numerous databases covering topics such as science, health, nutrition. |
| --- | --- |
| Facilities and Equipment Plan | Facilities exist and are in use for science courses. HCRS C122 Principles of Food Preparation will be offered at Burroughs High School in the Home Economics classroom, which is equipped with kitchen stations. |
| Financial Support Plan | The financial support for this degree will be outlined in the Health Careers Annual Unit Plan for the 2017-2018 academic year. New costs to the college involve the purchase of food for use in HCRS C122 Principles of Food Preparation. Materials fees for this course are not appropriate. |
| Faculty Qualifications and Availability | Tenured full time faculty member, Suzanne Ama, will have completed an M.S. in Nutrition by Spring 2017 and be qualified to teach nutrition courses in the program. Other courses are already being offered and are adequately staffed. |

## Compliance

| Based on model curriculum (if applicable) | Yes: https://c-id.net/docs/NewTMCs/POST_Nutrition_TMC_Edited_Feb_5_2015R.doc |
| --- | --- |
| Licensing or Accreditation Standards | N/A |
| Student Selection and Fees | N/A |

# Conditions of Enrollment