



# NAPA VALLEY COLLEGE

2277 Napa-Vallejo Highway, Napa CA 94558

707-256-7000

[www.napavalley.edu](http://www.napavalley.edu)

Accredited by  
The Accrediting Commission for Community and Junior Colleges  
Western Association of Schools and Colleges

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## **NVC Board of Trustees**

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## GENERAL INFORMATION

### Mission and Values

Napa Valley College, as part of the California Community College System, provides open access to higher education.

### Mission

Napa Valley College prepares students for evolving roles in a diverse, dynamic, and interdependent world. The college is an accredited open-access, degree- and certificate-granting institution that is committed to student achievement through high-quality programs and services that are continuously evaluated and improved. The college serves students and the community in the following areas: transfer courses, career-technical education and training, basic skills, and self-supporting contract education and community education classes.

*Approved by the Board of Trustees November 15, 2012*

### Values

Napa Valley College is a community of people excited about learning, where students are first and foremost in everything we do. We value, model, and encourage

- student success
- honesty
- creativity
- integrity
- adaptability
- inclusivity
- responsibility
- openness to new ideas
- respect for others
- health and wellness

*Approved by the Board of Trustees, November 13, 2008*

### Institutional Student Learning Outcomes

Students who receive a degree from Napa Valley College will demonstrate the following:

1. Communication & Collaboration
2. Critical Thinking & Information Competency
3. Global Awareness & Civic Responsibility
4. Personal Responsibility

*Approved by the Board of Trustees, September 12, 2013*

### History

The citizens of Napa County made a clear commitment to higher education in 1941 when they passed a bond issue to establish Napa Junior College. One year later, Napa Junior College was founded as part of the Napa Union High School District. The first year of World War II marked the college's first class—of just 16 students—only one of whom was male.

Once the war was over, GIs filled

## 6 General Information

In 2002 the voters of Napa County approved Measure N, a bond measure that funded construction of the 65,000 square foot McCarthy Library and the Performing Arts Center. In addition, Measure N provided funds for remodeling of the student services and administrative buildings and renovating the life sciences building and North Gym, among other projects.

In 2006, the college undertook two projects to improve drainage, storm water treatment, and native habitat. Napa Valley College has a strong record of commitment to environmental sustainability. Due to restoration efforts, the storm water collection pond and historic Tulucay Creek now support habitat for river otters, snowy egrets, and many other species. In 2006 the college also installed a 1.2 Megawatt solar power system which has reduced emissions of carbon dioxide by over 781 tons, and which allows the college to redirect several hundred thousands of dollars per year from utility bills to classrooms. In 2007, the college built the Central Chill Water Plant which replaced traditional air conditioning with a system that utilizes ice water to cool the classrooms, thus benefiting both California's electrical grid and the college's general fund.

### Accreditation

Napa Valley College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges, 10 Commercial Boulevard, Suite 204, Novato, CA 94949, (415) 506-0234, an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Additional information about accreditation, including the filing of complaints against member institutions, can be found at [www.accjc.org](http://www.accjc.org)

### Board of Trustees

The Napa Valley Community College District is under the control of a Board of Trustees composed of seven community members. Elected from within established areas of the district, trustees serve four-year terms. In addition, students are represented by a student trustee, who is selected annually by the Associated Students of Napa Valley College. The student trustee can make and second motions and has an advisory vote on all public session items. The Board meets at least once each month, and agendas are posted in accordance with California law on the Board of Trustees website: (<http://www.napavalley.edu/AboutNVC/Trustees/Pages/default.aspx> and in the McPherson Administration Building 1500.

### Faculty

The community college is acknowledged by educators throughout the country for providing superior undergraduate education, crediting the emphasis on outstanding teaching. The Napa Valley College faculty upholds this tradition.

Napa Valley College faculty members are selected for their academic excellence and genuine interest in students. They have a profound respect for the abilities, needs, and dreams of every individual they teach. They have diverse backgrounds, but

share a love of learning and a desire to pass it on to their students.

Our faculty keep abreast of the most effective teaching methods. They are creative, innovative, and hold high standards for their own scholarship. They support a learning process which continues throughout life.

The teacher-student relationship at Napa Valley College is encouraged. Students interact with their instructors in small classes and in regularly scheduled office hours. Napa Valley College faculty are friendly, sensitive and dedicated to helping students succeed.

### Students

The profile of a Napa Valley College student has changed over the history of the college. Our first students entered after high school and studied full-time. Today's student body is diverse in age, race/ethnicity, family status, years elapsed since high school, and educational goals. Our students also have much in common: they are bright, inquiring and goal-oriented. They share a strong belief in education as a means of improving their lives.

Approximately 55 percent of our credit students are female, and the majority are under 25. More than 5 percent of NVC students are over 50. Approximately 60 percent of our students attend on a part-time basis, and almost 10 percent hold bachelor degrees.

These statistics translate to NVC classrooms enriched by diversity. The college values diversity in its student body, faculty, staff, and its curriculum. Individual differences are respected and valued in all parts of the NVC campus. The diversity of our student profile is evident by Federal designation as a Hispanic-Serving Institution, for having 25% of full-time equivalent students are Hispanic, which then allowed NVC to compete for and successfully receive a Federal Title V grant.

### Classified Professionals

Napa Valley College classified professionals are a diverse assembly of support staff who are dedicated to the success of students. Often a student's first college contact is with a classified professional who assists in his/her academic journey by providing services in many areas of matriculation, registration, financial aid, career planning, instructional support, and campus beautification and safety.

### Office of Institutional Advancement

The mission of the Napa Valley College Office of Institutional Advancement is to develop resources to support the College and its students through donations made to the NVC District Auxiliary Services (DAS) Foundation and the NVC Foundation.

Investments in Napa Valley College through the generosity of community members ensure that Napa Valley College and its students have the means to realize the college's services and the potential within each student.

**Instructional Support**

Whether contributions support instructional materials, student field trips, campus improvements, professional development opportunities for faculty and staff, or community education programs such as Shakespeare Napa Valley in downtown Napa or the Napa Valley Writers Conference in St. Helena, the support provided has a lasting impact on individual students as well as the community, exponentially increasing the power Napa Valley College has to change lives.

**Scholarships**

Each year the NVC Foundation awards more than \$200,000 in scholarships to students. These scholarships recognize student achievement, encourage student leadership and accomplishment, and provide needed financial assistance. Scholarships have been instituted to honor or remember family, friends or organizations. Some scholarships are created to provide trained professionals in needed fields of study. This financial assistance helps many students receive the necessary education to become successful in school and life.

The NVC Office of Instructional Advancement is pleased to assist donors in obtaining substantial tax benefits and income enhancement by making gifts of stocks, property, and other appreciated assets using a variety of estate planning tools.

The Napa Valley College Foundation and the Napa Valley College

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## COLLEGE POLICIES

### Campus and Instruction

#### **Academic Freedom**

*Board Policy I7100*

Academic freedom in a free society is the right, indeed the obligation, of professionally qualified persons to inquire about and teach the truth as they see it. Exercised within a framework of academic discipline, it includes respect for the rights and opinions of others. The Napa Valley College Community College District Policy (I-7100) protects the selection of textbooks and all teaching material, diverse speakers in the classroom, and the right of teachers and students to inquire freely into any area of human thought.

#### **Drug-Free Workplace**

*Board Policy D1420*

It is an objective of Napa Valley Community College District to achieve a drug-free educational environment. Any student or

the complainant knew or should have known the facts underlying the allegation of unlawful discrimination. The college will conduct a prompt investigation of any reports of discrimination, harassment, or retaliation. In addition, college employees are obligated to report alleged, suspected or known harassment to the Dean of Human Resources.

College employees with disabilities or medical conditions that require accommodations should contact the Office of Human Resources. Title IX and Section 504 compliance officer is Rebecca Sco

## 12 College Policies

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to each student shall be the grade determined by the instructor of the course and the determination of the student's grade by the instructor, and in the absence of mistake, fraud, bad faith, or incompetency, shall be final.

For a copy of the Student Complaint and Grievance Policy and Procedures Booklet, please refer to the Student Services website at [www.napaValley.edu/studentservices](http://www.napaValley.edu/studentservices). Select the "Students Rights and Responsibilities" link. The district agrees that there will be no harassment of complainants/grievants or other students because of participation in the complaint/grievance procedure or as a result of filing a complaint/grievance.

Complete clarification and explanation of the student complaint/grievance process can be obtained from the Office of Student Services in Room 1330, (707) 256-7363 or from the Office of Instruction in Room 1531, (707) 256-7150. To file a non-instructional complaint, contact the Office of Student Services. To file an instructional complaint, contact the Office of Instruction. If a student wishes to follow a grievance under Stage 2 and 3 of



## 14 Academic Information

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The Upper Valley Campus is located at 1088 College Ave in St. Helena. The facility contains general classrooms and specially designed lab facilities for science, computer studies, business, culinary arts, and fine arts.

### **Evening and Weekend Classes**

Napa Valley College evening offerings provide opportunities for students to pursue their education at night. Courses required for many transfer programs, courses for in-service training, and general self-improvement and enrichment courses are offered at the main campus and various locations in the Napa Valley, including our Upper Valley Campus, during the evening.

Evening classes are a part of the regular college curriculum and

## ADMISSIONS AND REGISTRATION

### Eligibility for Admission

High School Graduates: Persons who have completed twelfth grade are eligible for admission to Napa Valley College.

Non-High School Graduates: Persons who are at least 18 years of age are eligible for admission to NVC. Those under 18 years of age who have a GED or have passed the California High School Proficiency Examination are eligible for admission.

High School Students: Students currently enrolled in the tenth grade or higher or who are at least 15 years old may take college courses for college credit at Napa Valley College with permission



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units you have attempted end up as W, I, NP, or NC grades, you will be on Progress Probation. If you are on Progress Probation for two consecutive semesters, you will lose enrollment priority.

Students who have lost priority registration and have been moved to open registration may appeal to have it reinstated based on verifiable evidence of factors outside their control. Priority registration and appeal information is available on the Admissions and Records website ([www.napavalley.edu/admissions](http://www.napavalley.edu/admissions)), select the Priority Registration link.

**Adjustments to Schedule of Classes**

The college makes every effort to schedule classes to meet



## 18 Admissions and Registration

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per unit (plus the \$46 per unit enrollment fee) and are required to have health and accident insurance. Approximate expenses for one school year are:

Housing/Tuition	\$ 14,760.00
Enrollment Fee (24 units x \$46 + required fees)	\$ 1,170.00
Books	\$ 1,566.00
Health Insurance	\$ 672.00
Transportation	\$ 1,116.00
Miscellaneous	\$ 2,754.00
Grand Total :	\$ 22,038.00

\*There is no financial aid available for international students.

For more information, please refer to the Admissions and Records website ([www.napaValley.edu](http://www.napaValley.edu)) and select the Fees and Refunds link.

### How to Apply (International Students)

To be considered as an international student at Napa Valley College, you must submit the following documents:

1. An international student application
2. Official copies of transcripts from all secondary schools and colleges you have attended. These transcripts must be in English and correspond to the American Grading System.\*
3. A financial statement or tax documents showing that you or your sponsor has the financial resources to pay your tuition and related expenses while you attend Napa Valley College.
4. A certified Health evaluation form completed by a physician.
5. A transfer notification form if you are transferring from another United States School.

### When to Apply (International Students)

Be sure to meet the following deadlines when you are applying to Napa Valley College:

Fall Semester: Submit all materials by May 1.

Spring Semester: Submit all materials by October 1.

### English Proficiency (International Students)

170







include documenta on of the circumstances which warrant approval of a late refund. Any pe

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## 24 Academic Requirements

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2. Napa Valley College shall apply Advanced Placement examinations when certifying the completion of CSU-General Education/Breadth requirements in accordance with standards set by the CSU system.
3. Napa Valley College shall apply Advanced Placement examinations when certifying the completion of Intersegmental General Education Curriculum (IGETC) requirements in accordance with the Standards, Policies & Procedures for Intersegmental General Education Curriculum (IGETC).

In-service training is evaluated on an individual basis. Credit is based on ACE recommendation 8

### Acceptance of College Credit

#### College Level Entrance Program Exams (CLEP)

Napa Valley College does not award college credit for college level entrance program (CLEP) exams.

#### Credit by Examination

Any student who is currently enrolled at Napa Valley College may challenge certain courses upon approval of the Program Coordinator and/or Division Chair and Vice-President of Instruction. Typically, students take an examination, and the grade received (including an "F" or Pass/No-Pass) will become part of the student's permanent record. Credit earned by examination cannot be used to change a grade or to remove a "W" or "I" grade. Students may earn up to 12 total units by challenge.

Students in health occupations programs may challenge courses based on their previous education and experience. The recommendation of the Dean, Health Occupations is required. Units awarded to health occupations students may not exceed 12 units.

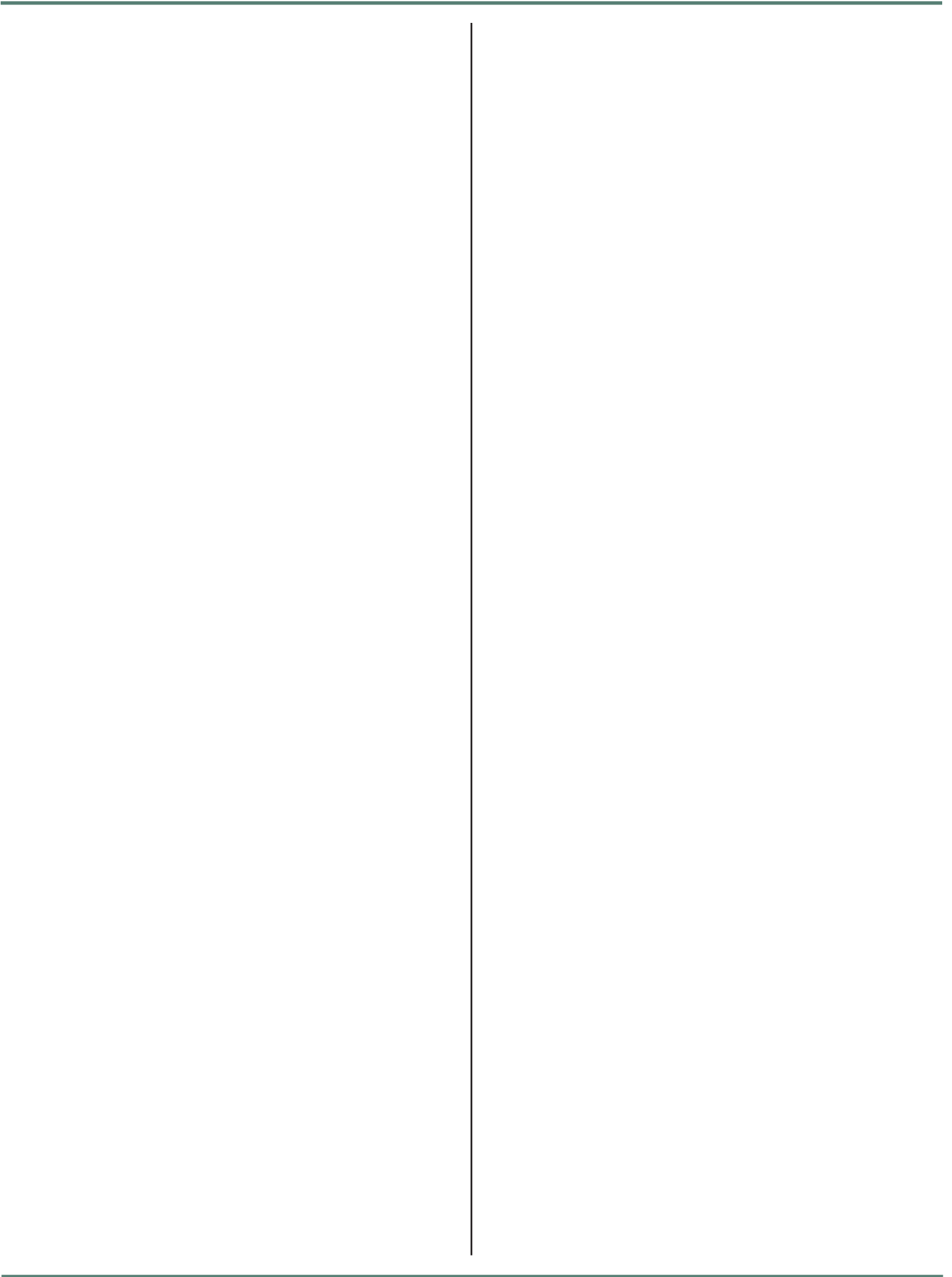
Students who are interested in challenging a course should contact the Office of Instruction, 1500 Administration Building, (707) 256-7150, Room 1531.

#### Independent Study

Students may earn up to a total of twelve units over the total period of student residency through independent study. Independent study courses are planned by the instructor and student together. The program includes weekly meetings to discuss the student's progress. In a typical program, 50 hours of work in a semester will earn one unit. The independent study option may not be used in lieu of existing credit courses which cover the same or similar subject matter. Independent study must be approved by the instructor, division chair, and the Vice President of Instruction. Independent Study Forms are available in the Office of Instruction, Room 1531. Once the form is approved by the instructor and division chair, the student must enroll in the class.

#### Military Service Credit

Veterans may receive credit for military service by submitting their official separation papers (Form DD214) to the Admissions and Records Office. A minimum of six months of service, including basic or recruit training, and an honorable discharge entitles the veteran to 2 units of health education, and 2 units of physical education. Those with more than one year of service may receive an additional 4 units elective credit for military service.





Removal of Repeatability per Title 5 § 55041



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Academic Renewal



**Removal from Probation**

*Academic Probation:* When the cumulative GPA of a student on academic probation becomes a 2.0 or higher, student will be removed from academic probation.

*Progress Probation:* When a student's grade notations of "W," "I," "NC," and/or "NP" are less than 50% of student's cumulative units of enrollment at NVC, the student will be removed from progress probation.

**Standards for Dismissal**

A student on academic probation will be subject to dismissal if that student's GPA has remained below a 2.0 for each of three consecutive semesters.

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## STUDENT SERVICES AND RESOURCES

### Welcome Center

The Welcome Center serves both new and returning students, in addition to current students. Full-time staff and Student Ambassadors are available to provide hands-on assistance with the admissions process and guide students through the setup of their Web Advisor Student Portal Account. Using a comprehensive and personal approach to assist students, Welcome Center staff and Ambassadors provide general information about financial aid and the matriculation processes, guide students through the necessary steps that they need to complete as part of their entry or re-entry to college life. They can also provide information that will connect students with appropriate student support services.

## 32 Student Services and Resources

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[www.napavalley.edu/ets](http://www.napavalley.edu/ets).

### HSI STEM

HSI STEM (Hispanic Serving Institution on Science Technology Engineering Mathematics) is focused on strengthening and expanding educational opportunities for all students and striving to close the educational achievement gap in our community. STEM provides specialized STEM tutoring, mentoring and Supplemental Instruction in STEM courses. We also provide academic development, bi-lingual STEM counseling, enhanced student support services, and a Summer Bridge Program for incoming high school students. HSI STEM is located in the lower level of Building 1800, Room 1808. For more information call (707) 256-7286 or visit their website at [www.napavalley.edu/hsi-stem](http://www.napavalley.edu/hsi-stem).

information, log on to our website at [www.napavalley.edu/wc](http://www.napavalley.edu/wc).

### **Counseling and Advising**

Counselors at Napa Valley College are dedicated to enhancing student learning, recognizing diversity, and supporting students in their personal development and the realization of their educational goals. Faculty and staff in the Counseling Division are available to assist students with a variety of academic, financial, career and personal needs that may affect their educational success. In order to meet the needs of our students and our community, we are committed to providing comprehensive support services that will enhance our students' educational experiences.

#### **Academic Counseling**

- Orient students to Napa Valley College's academic policies, procedures, programs and services.
- Provide a holistic assessment of students, including their academic strengths and weaknesses, in order to assist them with class selection.
- Help students clarify their academic goals, select a major, and develop realistic academic work loads.
- Provide information on vocational degree and transfer programs, including general education and major course requirements.
- Assist students in developing educational plans that satisfy graduation and transfer requirements.
- Offer workshops on special career topics, including nursing, teaching, and engineering.
- Provide activities and services to assist students in their transition to a four-year institution.

#### **Career Counseling**

- Provide students with an assessment of their skills, interests, work values and personality style.
- Provide information on current and future employment trends.
- Help students develop effective models for career decision-making and goal setting.
- Provide instruction and guidance in job search techniques.
- Teach counseling classes which emphasize career exploration and college success.

#### **Personal Counseling/Crisis intervention**

- Provide short-term counseling. Refer students to appropriate community resources.
- Assist students with personal, family, or other issues that may impact their educational progress.
- Offer support to students with a respect and understanding for their backgrounds, cultural values, gender, communications styles, abilities and/or limitations.

#### **Outreach/Pre-enrollment Advising**

- Advise potential students and community members of the college's programs and services.
- Participate in community activities that promote the college.





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## Library.

Books and periodicals not available locally may be requested through interlibrary loan. Valuable online resources are also available through the library's website. Printing is available for 10 cents/page in black/white and \$1.00/page in color in the library copy center (printing and copy prices subject to change). Eighty computers are available for student use. Computers have software programs specific to courses, Microsoft Office applications, as well as internet access. In addition, laptops with Wi-Fi may be checked out for use within the library. Media viewing rooms and group study rooms equally support groups of students engaged in collaborative learning.

The Student Success Center, located in the library, provides workshops to help students gain the skills necessary to navigate the demands of college life. Several workshops are offered each semester. A calendar of weekly scheduled workshops can be found online at the LLRC website. To sign up for any one of these 50 minute workshops, visit us at the Library Reference Desk.

Stop in and become familiar with the library's services. You'll find

## 36 Student Services and Resources

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The TTC also offers the General Education Development test battery (GED). This testing is administered several times a year. A fee is charged. Contact the TTC at (707) 256-7434 or 256-7437 for testing dates and additional information.

The TTC is located on the second floor of the McCarthy Library (Bldg. 1700). Hours are posted on the TTC website or call (707) 256-7434.

The role of the Ombudsperson is currently filled by the Coordinator of the Transfer Center/Career Center. To make an appointment with the ombudsperson, please call (707) 256-7331.

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Loans

## 40 Financial Aid

Students experiencing academic difficulties are encouraged to use the college's support services to maintain satisfactory academic progress and to remain in good standing. Students who fail to meet Satisfactory Academic Progress standards may have their aid disqualified. Documented extenuating circumstances that adversely affect academic performance (e.g., illness, family problems) will be considered through an appeal process.

Financial aid may be denied for any one of the following reasons:

1. Student fails to meet SAP standards;
2. Student has already completed an AA/AS degree, vocational certificate, BA/BS degree or higher, or 90 semester units;
3. Student has previously received financial aid from another institution.

Students must have transcripts from all other institutions sent to NVC as early as possible.

Satisfactory Academic Progress: Federal regulations state that NVC is required to report a termination of benefits for any veteran or eligible dependent who is subject to dismissal. See pages of the catalog for details regarding college probation and dismissal. Payment of educational benefits to a student terminated for unsatisfactory progress may resume at NVC once the student has been reinstated after dismissal.

### Extended Opportunity Programs and Services

(EOPS)

EOPS offers a wide variety of special support services and financial aid to eligible students. Services include academic and financial aid advising, personal and career counseling, registration assistance, outreach activities, assistance with transfer to 4-year schools or transition to work. Other services include referrals to the many social service agencies in the community. The staff offers individualized attention with a personal approach. Bilingual assistance is provided.

Students must apply to be determined eligible. In order to qualify, students must:

- be a California resident,
- be eligible for BOGW under Method A or B or have a zero EFC for federal financial aid,
- register as a full-time student,
- have completed fewer than 70 units of degree applicable credits, and need educational support services

Cooperative Agencies Resources for Education (CARE) CARE is part of EOPS and provides financial aid for books, transportation and child care, as well as counseling and other support services to single parents. To qualify, a student must apply and be eligible for EOPS, must currently be receiving CalWORKs/TANF and must have at least one child under fourteen years of age.

California Work Opportunity and Responsibility to Kids Act (CalWORKs) CalWORKs is a welfare-to-work program. CalWORKs students must be enrolled in an approved vocational program.

Individuals who qualify for CalWORKs may be eligible for additional supportive services at NVC. To qualify, students must be receiving cash aid.

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**Financial Aid for Non-Standard or Clock Hour Programs**

A "non-standard program" for financial aid purposes is a



## 44 Student Life

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Educational Code section 76060.5 says that a student may, for religious, political, financial, or moral reasons refuse to pay the fee. The refusal must be submitted in writing. Instructions on how to request a refund of the Student Representation Fee can be found online under the Admissions and Records website ([www.napavalley.edu/admissions](http://www.napavalley.edu/admissions); select the Fees and Refunds link).

If you have questions about the \$1 Student Representation Fee, please contact the Coordinator of Student Life at (707) 256-7341.

### **Student Activities Fee (Optional fee)**

The Student Activities Fee is a \$5 fee that is automatically charged to all credit students during the fall and spring semesters at the time of registration. The Student Activities fee supports all student clubs and student organizations at Napa Valley College. These funds allow student clubs and organizations to provide events and activities on campus as well as award scholarships and promote an active campus life. Instructions on how to request a refund of the Student Activities Fee can be found online under the Admissions and Records website ([www.napavalley.edu/admissions](http://www.napavalley.edu/admissions)) by selecting the Fees and Refunds link. Refunds must be submitted

## GENERAL EDUCATION GE AND GRADUATION REQUIREMENTS

### Associate Degrees (A.A. and A.S.)

The associate degree consists of two main elements:

1. general education, which gives students a broad base of knowledge and

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a counselor for any changes to these requirements.

### **Pe on for Gradua on**

All candidates for gradua on must file a pe on in the Admissions and Records Office in the semester PRIOR to the semester in which they wish to graduate. Gradua ons pe on deadlines are posted on the Admissions and Records website ([www.napavalley.edu/admissions](http://www.napavalley.edu/admissions)) (select the Admissions and Records online calendar). Applying for gradua on a semester ahead ensures that students have ample opportunity to enroll in any classes in their final semester they may be missing for gradua on.

Only eligible students earning a degree or certificate of achievement from the previous summer and fall semester, as well as in the spring, are eligible to attend the annual commencement

## Napa Valley College

College Catalog 2014-2015  
 Effective Fall 2017 through Summer 2018

A.S. Major \_\_\_\_\_

A.A. Major: \_\_\_\_\_

its to be used from: \_\_\_\_\_ (Name of College) \_\_\_\_\_ Transfer Un

Evaluator: \_\_\_\_\_

Certification Date: \_\_\_\_\_

im requirements to be filled for graduation with an Associate of Arts and/or an Associate in Science degree.

The following are the minimum degree from Napa Valley College

must be at least 68 semester units with a grade point average of at least 2.0. Only courses numbered 90 to 399 may be counted towards the 68 semester units.

Total semester units in residence must be 68. Units with a grade point average of 2.0 or better are required. Transfer units completed at other institutions may be applied towards the 68 semester units required for graduation. (See the Napa Valley College Catalog for details on the application of transfer units.)

Average grade point average for additional certification of units required. \_\_\_\_\_

Residence semester units completed \_\_\_\_\_

Transfer semester units completed \_\_\_\_\_

Occupational Programs \_\_\_\_\_

Transfer	Completed	Transfer	Completed	Transfer	Completed	Transfer	Completed

of 3 units of Physical Education and Dance courses or complete Health Education 106

**EXEMPTIONS:**

1. Students who are in Health Occupations Programs in the State of California	2. Veterans with six months service receive full credit for 106
3. U.S. Navy, U.S. Marine Corps, U.S. Army, U.S. Coast Guard, U.S. Air Force, U.S. Navy Reserve, U.S. Marine Corps Reserve, U.S. Air Force Reserve, U.S. Coast Guard Reserve, U.S. Merchant Marine, U.S. Civil Air Corps, U.S. Civil Air Corps Reserve, U.S. Civil Air Corps Reserve, U.S. Civil Air Corps Reserve	4. A.A. Degree Only - Students must select appropriate courses from Political Science

Area B, Social and Behavioral Sciences.

### General Ed Requirements:

Students must complete at least 24 semester units (see reverse side of this page for a list of courses that appear on the reverse side of this page)

Courses completed at Napa Valley College are circled; courses in progress are underlined; equivalent courses transferred to Napa Valley College are indicated by a small circle. Students are required to complete 67.5 semester units in Areas A through E below.

Term/Year Units Competency Requirements in Reading, Writing, and Mathematics:

Table header section for reading, writing, and mathematics requirements, including sub-sections like 'Communication' and 'Writing' with various unit and competency specifications.

General Education Requirements:

Completed in A through E below. The same course cannot be used... A total of 18-21 semester units must be completed in A through E below.

3 units)

BIOL 101, 102, 103, 105, 110, 112, 117, 120, 218; CHEM 110, 111, 120; EART...

A. Natural Science: (Choose one)

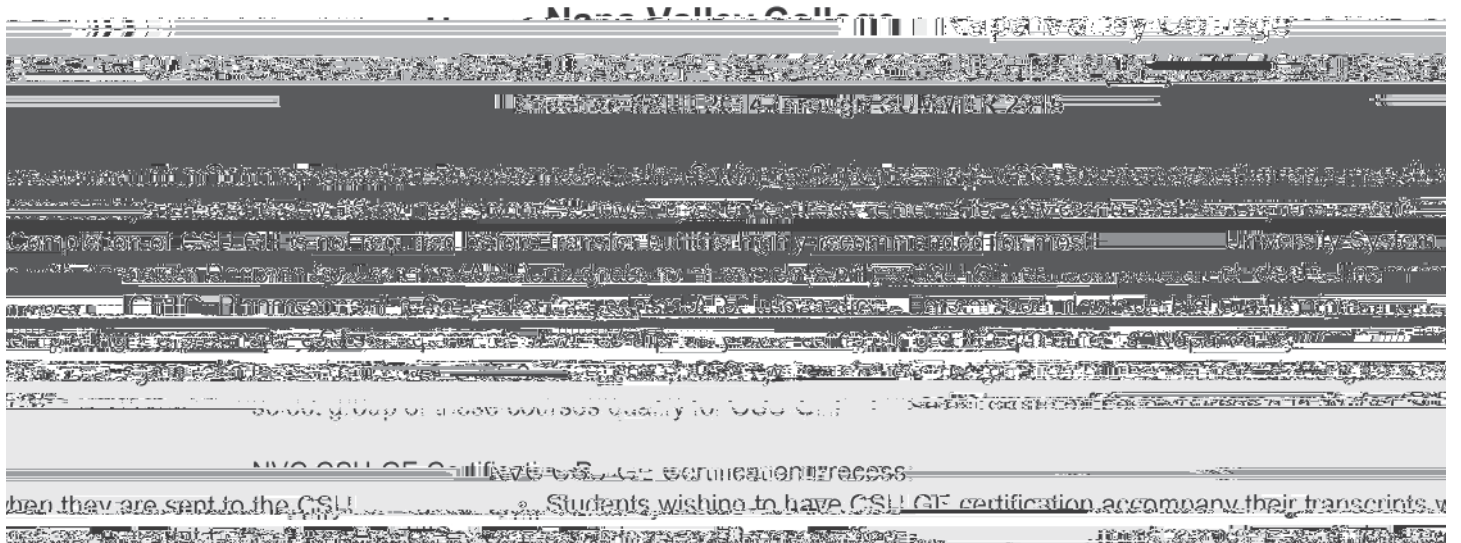
ANTH 120; ASTR 110, 111, 112, 120; BIOL 101, 102, 103, 105, 110, 112, 117, 120, 218

Main body of the requirements table listing various courses such as COMM 101, ENGL 100, HIST 100, MATH 100, and SOCI 100 under different categories.

D. Language and Quantities:

Section D requirements including MATH 94, 99, 106, 108, 115, 120, 121, 220, 221, 222, 232, 235, and UICH 107.

Section E requirements including COMMUNICATION AND ANALYTICAL THINKING (COMM 101), and other related courses.





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Napa Valley College

Intersegmental General Education Transfer Curriculum (IGETC)

Intersegmental

Completion of all IGETC requirements is required for admission to all public universities in California.







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## ASSOCIATE DEGREES AND CERTIFICATES

Napa Valley College, a California Community College, offers a wide range of Associate Degrees. A full-time student can earn the required 60 units in two years. Students, who may be working or have family responsibilities, can attend part-time and may take longer to complete the degree. Most of our Associate of Arts degree (AA), all of our Associate Degrees for transfer (AD-T) and a few of our Associate of Science Degrees (AS) and certificates are designed for those who plan to transfer to four-year institutions. Most of our Associate of Science degrees (AS) and certificates have a career technical focus and prepare students to enter the workforce in areas such as Health Occupations, Criminal Justice and various technical fields.

## COURSE AND PROGRAM INFORMATION

### ACCOUNTING

#### Division Offices Career Technical Education

##### Division Dean

Gregory Miraglia  
1007, (707) 256-7710  
e-mail: gmiraglia@napavalley.edu

##### Staff

Stacy Hitchcock, Division Secretary  
1003-B, (707) 256-7703  
e-mail: shitchcock@napavalley.edu

##### Faculty

David Angelovich, Accounting Program Coordinator  
1030-I, (707) 256-7739  
e-mail: dangelovich@napavalley.edu

### Degree

#### Associate of Science in Business - Concentration in Accounting

*See Associate of Science in Business*

##### Program Level Outcomes

- Outcome 1: Apply current computer applications
- Outcome 2: Interact professionally through oral and written communication
- Outcome 3: Analyze and solve problems using a variety of methods
- Outcome 4: Demonstrate professional and ethical behavior

- Outcome 5: Apply knowledge of accounting principles
- Outcome 6: Apply knowledge of management techniques and business theory
- Outcome 7: Develop a career plan

First Semester	Units
ACCT 120 Introduction to Accounting	3
BUSI 90A Business Mathematics (Part 1)	1
BUSI 90B Business Mathematics (Part 2)	1
BUSI 90C Business Mathematics (Part 3)	1
BUSI 100 Introduction to Business	3
SPCOM 124 Career Communication	3
SPCOM 126 Intercultural Communication	3
Natural Science General Ed	3



**Options**

1. A.S. Degree: All courses as listed. All courses in the major must be completed with a grade of "C" or better. Consultation is required with the Program Coordinator.
2. Transfer to a baccalaureate degree granting institution: Consult the Napa Valley College Catalog, the catalog of the college or university of your choice, and a Napa Valley College counselor for specific requirements.

\*Select from any course with an "ACCT," "BUSI," "CISA," "CISN," "COMS," or "HOSP" designation

**Certificate**

**Bookkeeping**

Napa Valley College awards a Certificate of Achievement to all candidates who have completed the following with an average grade of "C" or above:

Required Courses	Units
ACCT 120      Introduction to Account	

## ADMINISTRATION OF JUSTICE

### Division Offices Career Technical Education

#### Division Dean

Gregory Miraglia  
1007, (707) 256-7710  
e-mail: gmiraglia@napavalley.edu

#### Staff

Stacy Hitchcock, Division Secretary  
1003-B, (707) 256-7703  
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#### Faculty

Sean McCann, Program Coordinator  
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## Degrees

### Associate of Science in Administration of Justice

The Associate of Science Degree in Administration of Justice is a four-semester course of study. Students are required to complete 60 units to include: General Education, Administration of Justice core courses and Electives. Courses are available in a face-to-face and online format.

#### Program Level Outcomes

- Outcome 1: Demonstrate skills and knowledge that allow them to successfully complete academic work at a transfer institution.
- Outcome 2: Communicate effectively in their verbal and written presentations, using vocabulary, grammar, and technical skills appropriate for an Administration of Justice profession.
- Outcome 3: Demonstrate a knowledge of the criminal law and criminal procedure appropriate for an Administration of Justice major.
- Outcome 4: Demonstrate an understanding of the work ethic expectations of administration of justice professions.

#### Required Courses

	Units
ADMJ 120 Intro to the Criminal Justice System	3
ADMJ 121 Introduction to Criminal Law	3
ADMJ 122 Introduction to Criminal Procedures	3
ADMJ 123 Introduction to Community Policing	3
ADMJ 125 Introduction to Evidence	3
and	
ADMJ 190 Administration of Justice Internship 1	3
ADMJ 123 Introduction	

#### Electives

	Units
ADMJ 124 Introduction to Investigation	3
or	
ADMJ 130 Introduction to Juvenile Procedures	3

**Total Units** 18-21

**Notes:** All courses must be completed with a grade of "C" or better.

### Associate Degree for Transfer in Administration of Justice (Administration of Justice AS-T)

The AS-T in the Administration of Justice is designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to the Criminal Justice and Criminology major. This priority does not guarantee admission to specific majors or campuses. Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-unit baccalaureate degree within 60 semester units.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

#### Program Level Outcomes

- Outcome 1: Acquire skills and knowledge that allow them to successfully complete academic work at a transfer institution.
- Outcome 2: The student will communicate effectively in their verbal and written presentations, using vocabulary, grammar, and technical skills appropriate for an Administration of Justice profession.
- Outcome 3: The student will demonstrate a knowledge of the criminal law and criminal procedure appropriate for an Administration of Justice major.

#### List A

	Units
ADMJ 120 Intro to the Criminal Justice System	3
and	
ADMJ 121 Introduction to Criminal Law	3

*Choose any two of the following courses. Courses chosen must include criminal justice.*



CSU, UC

ADMJ 124

3 UNITS

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## Course Descriptions

**ANTH 120**

**3 UNITS**

**Biological Anthropology**

54 hours lecture; 54 hours total

This course introduces students to the theories, methods, and applications of biological anthropology. Topics include the scientific method, principles of evolution and adaptation, human genetics, human osteology, hominin species and the fossil record, and the



A. Required Core Courses (9 units)	Units
ARTH 105 Art History: Prehistoric to Medieval	3
ARTH 106 Art History: Renaissance to Contemporary	3
ARTH 130 History of Asian Art	3

**B. Restricted Electives (9 units): Select nine units from the following**

ARTH 110 History of Graphic Design	3
ARTH 118 Survey of Modern Art	3
ARTH 120 History of American Art	3
ARTH 180 History of Photography	3
HIST 122 World Civilization 1	3
HIST 123 World Civilization 2	3
ARTH 114 Renaissance and Baroque Art	3
ARTS 101 2D Foundations	3
ARTH 135 Survey of World Art	3

**Total Units** 18

**Associate Degree for Transfer in Art History (Art History AA-T)**

This degree option provides a comprehensive foundation in art history in preparation for transfer in the field to a Baccalaureate program in the California State University system. To fulfill the requirements for this degree, students will complete required and elective lower division major preparation courses listed below and the appropriate general education pattern (CSU GE or IGETC). Additional NVC graduation requirements do not apply to this degree. Students must pass all courses in the area of emphasis with a minimum of "C" and maintain an overall minimum 2.0 GPA. Additionally, students pursuing this degree option must work with a counselor and faculty adviser to ensure appropriate elective course selection. The total Art History Major units 18-21.

The following are required for all AA-T and AS-T degrees:

- Completion of a minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note: While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units with a "C" or better (or a "P" if the course is taken on a "pass-no pass basis") in all courses required as a part of an AA-T or AS-T major as identified by the college catalog. (Title 5 § 55063)
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern general education requirements.

**Program Level Outcomes**

Outcome 1:	Identify the interrelationship of form and content in the artworks and monuments across different cultures and throughout various historic periods.
Outcome 2:	Develop critical interdisciplinary thinking, both in oral and written form, through comparative analysis.
Outcome 3:	Apply art history terminology in the analysis and evaluation of works of art and architecture.

Outcome 4:	Locate works of art and architecture within diverse historical, political, religious and philosophical contexts.
Outcome 5:	Discern and appreciate the wide range of ethnically, culturally, and socially diverse art forms, representations, and practices.
Outcome 6:	Recognize specific historiographic, theoretical and critical perspectives that have shaped art history as a discipline.
Outcome 7:	Communicate, through written tests,



**ARTH 106** **3 UNITS**  
**Art History: Renaissance to Contemporary Art**  
 54 hours lecture; 54 hours total  
*Recommended Preparation: ENGL 90*  
 This survey course covers painting, sculpture, and architecture in the Western (European and North American) tradition, from the Renaissance to the Contemporary period. Emphasis is on the connection between visual culture and its historic context. Required for all art and art history majors.  
**CSU, UC**

**ARTH 110** **3 UNITS**  
**History of Graphic Design**  
 54 hours lecture; 54 hours total  
 A survey of the major developments and transformations in graphic design, from the beginning of writing to the contemporary period, with emphasis on the graphic traditions of Europe and post-contact America. Highlighted will be correlations between stylistic movements in art and graphic design.  
**CSU, UC**

**ARTH 118** **3 UNITS**  
**Survey of Modern Art**  
 54 hours lecture; 54 hours total  
 This course covers the major historical and formal developments of Modernism in art, architecture and design from the mid-nineteenth century to the present.  
**CSU, UC**

**ARTH 130** **3 UNITS**  
**History of Asian Art**  
 54 hours lecture; 54 hours total  
 This is a survey course of the painting, sculpture, decorative arts and architecture of Asia. Emphasized will be the connection of visual art to specific historic and cultural contexts.  
**CSU, UC**

**ARTH 135** **3 UNITS**  
**Survey of World Art**  
 54 hours lecture; 54 hours total  
 This course examines the diversity, development and interaction of artistic traditions across the globe, from the prehistoric to the contemporary periods. Emphasis is on the material arts and architecture, as well as the connection of visual art to specific historic and cultural contexts.  
**CSU, UC**

**Associate of Arts in Studio Arts – Ceramics Emphasis****A. Required Core Courses (15 units) Units**

ARTH 105 Art History: Prehistoric to Medieval	3
ARTH 106 Art History: Renaissance to Contemporary	3
ARTS 102 3D Foundations	3
ARTS 110 Fundamentals of Drawing	3
ARTS 140 Beginning Ceramics: Hand-Building	3

**B. Restricted Electives (9 units)**

Select courses totaling nine units from three of the following categories:

**Ceramic Tech and Materials Units**

ARTS 244 Kiln Design	3
or	
ARTS 245 Salt-Fired Ceramics	1
or	
ARTS 246 Raku-Fired Ceramics	1
or	
ARTS 247 Low-Fired Ceramics	3
or	
ARTS 248 Introduction to Glazes	3
or	
ARTS 249 Ceramic Surfaces: Wood Kiln - Salt Kiln	3

**Sculpture Units**

ARTS 145 Clay Sculpture	3
or	
ARTS 150 Sculpture	3

**Advanced Studio Courses Units**

ARTS 240 Intermediate Ceramics: Hand-Building	3
or	
ARTS 241 Intermediate Ceramics: Throwing	3
or	
ARTS 261 Ceramics Workshop	3

**Drawing Units**

ARTS 111 Figure Drawing 1	3
or	
ARTS 112 Creative Drawing	3

**Art History Units**

ARTH 130 History of Asian Art	3
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**Total Units 24**

**Associate of Arts in Studio Arts – Painting and Drawing Emphasis****A. Required Core Courses (15 units) Units**

ARTH 105 Art History: Prehistoric to Medieval	3
ARTH 106 Art History: Renaissance to Contemporary	3
ARTS 101 2D Foundations	3
ARTS 110 Fundamentals of Drawing	3
ARTS 120 Fundamentals of Painting	3

**B. Restricted Electives (9 units)**

Select courses totaling nine units from three of the following categories:

**Drawing Units**

ARTS 112 Creative Drawing	3
ARTS 111 Figure Drawing 1	3

**Printmaking Units**

ARTS 130 Printmaking	3
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**Sculpture Units**

ARTS 102 3D Foundations	3
ARTS 145 Clay Sculpture	3
ARTS 150 Sculpture	3

**Advanced Studio Courses Units**

ARTS 220 Intermediate Painting	3
ARTS 260 Studio Workshop	3

**Art History Units**

ARTH 118 Survey of Modern Art	3
ARTH 130 History of Asian Art	3

**Total Units 24**

**Associate Degree for Transfer in Studio Arts (Studio Arts AA-T)**

This degree option provides a comprehensive foundation in the studio arts in preparation for transfer to Baccalaureate program in painting, drawings, ceramics, printmaking, sculpture, or other studio arts areas in the California State University system. To fulfill the requirements for this degree, students will complete required and elective lower division major preparation courses listed below and the appropriate general education pattern (CSU GE or IGETC). Additional NVC graduation requirements do not apply to this degree. Students must pass all courses in the area of emphasis with a minimum of "C" and maintain an overall minimum 2.0 GPA. Additionally, students pursuing this degree option must work with a counselor and faculty advisor to ensure appropriate elective course selections for their intended area of emphasis, e.g. Painting, Ceramics, Printmaking, etc.

Total Units in Area of Emphasis: 24 units (6 units double counted in CSU GE Area C-1.) Total Units in GE: CSU=42, IGETC=39 and IGETC): 42 units

The following are required for all AA-T and AS-T degrees:

- Completion of a minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. Note: While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units with a "C" or better (or a "P" if the course is taken on a "pass-no pass basis") in all courses required as a part of an AA-T or AS-T major as identified by the college catalog. (Title 5 § 55063)

- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern general education requirements.

**Program Level Outcomes**

- Outcome 1: Critically analyze and assess diverse historical and contemporary works of art, architecture, and design.
- Outcome 2: Create art that engages and builds on historical and contemporary practices, theories, and materials.
- Outcome 3: Translate concepts and visual experience into images or tactile forms.
- Outcome 4: Present finished artwork for peer, professional or academic review.
- Outcome 5: Evaluate and critique artwork and receive criticism from others.
- Outcome 6: Express artistic concepts and intents in written and oral formats.
- Outcome 7: Safely handle and maintain materials, studio facilities, and equipment.

**Core Courses**

	<b>Units</b>
<i>Complete the following courses to total 12 units:</i>	
ARTS 101 2D Foundations	3
ARTS 102 3D Foundations	3
ARTS 110 Fundamentals of Drawing	3
ARTH 106 Art History: Renaissance to Contemporary Art	3

**Art History Restricted Electives**

	<b>Units</b>
<i>Select 3 units from the following:</i>	
ARTH 105 Art History: Prehistoric to Medieval	3
ARTH 130 History of Asian Art	3
ARTH 135 Survey of World Art	3

**Studio Arts Restricted Electives**

	<b>Units</b>
<i>Select 9 units from three of the following curricular areas:</i>	
ARTS 111 Figure Drawing 1	3
or	
ARTS 112 Creative Drawing	3
ARTS 105 Color Theory	3
ARTS 120 Fundamentals of Painting	3
ARTS 130 Printmaking	3
ARTS 140 Beginning Ceramics: Hand-Building	3
or	
ARTS 141 Beginning Ceramics: Throwing	3
ARTS 150 Sculpture	3
or	
ARTS 145 Clay Sculpture	3
DART 120 Intro to Digital Art & Graphic Design	3
PHOT 121 Basic Darkroom Photography	3
or	
PHOT 150 Beginning Digital Photography	3

**Total Units** **24**

**Course Descriptions**

**ARTS 100** **3 UNITS**  
**Foundations of Studio Arts**  
 54 hours lecture; 54 hours total

This course provides a broad introduction to the history, materials, and practices of the studio arts, focusing on the development and contemporary expressions of drawing, painting, ceramics, printmaking, sculpture, photography, and other media.

**CSU, UC**

**ARTS 101** **3 UNITS**  
**2D Foundations**  
 108 hours integrated lab; 108 hours total

Introductory studio course focusing on the fundamental elements of two-dimensional art and design as applied in both traditional and digital media. Topics include: basic design principles, color theory, art terminology, and interpretive analysis of form and content. Required for the AA in Studio Arts and for students transferring to a BA or BFA art program.

**CSU, UCARTS 100**

**3**

**ARTS 102** **3 UNITS**  
**3D Foundations**  
 108 hours integrated lab; 108 hours total

This is an introductory studio course that focuses on the basic principles of three-dimensional design with applications in a variety

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**ARTS 111** 3 UNITS**Figure Drawing**

108 hours integrated lab; 108 hours total

*Recommended Preparation:* ARTS 110

This course focuses on drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and an introduction to the historical and contemporary role of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.

CSU, UC

**ARTS 112** 3 UNITS**Creative Drawing**

108 hours integrated lab; 108 hours total

*Recommended Preparation:* ARTS 110

This studio course focuses on creative and technical problems related to drawing the human figure.

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**ARTS 298A****Selected Topics in Art**

18-54 hours lecture; 18-162 hours total

Topics in art not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/laboratory class.

CSU

1 3 UNITS

**ARTS 298B****Selected Topics in Art**

18-54 hours lecture; 18-162 hours total

Topics in art not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/laboratory class.

CSU

1 3 UNITS

**AMERICAN SIGN LANGUAGE****Division Offices****Language and Developmental Studies****Division Chair**

Maria Villagomez

1031-U, (707) 2256-7767

e-mail: mvillagomez@napavalley.edu

**Staff**

Gina Stofan, Division Secretary

1031-V, (707) 256-7726

e-mail: gstofan@napavalley.edu

**Faculty**

Mary Shea, Modern Languages Coordinator

1031-T, (707) 256-7734

e-mail: mshea@napavalley.edu

**Course Descriptions****ASL 120****5 UNITS****First Semester American Sign Language**

90 hours lecture; 90 hours total

This introductory course emphasizes grammar and receptive and expressive skills. It also includes cultural aspects of the deaf community.

CSU, UC

**ASL 121****5 UNITS****Second Semester American Sign Language**

90 hours lecture; 90 hours total

This course continues the study of American Sign Language through expressive and receptive signing, translation, composition, and grammatical analysis and application. Expressive and receptive conversational skills balanced with writing skills are also taught. The study of culture and history of the deaf is continued.

CSU, UC

## ASTRONOMY

**Division Offices**  
Science, Mathematics and Engineering

**Division Chair**  
Dr. Stephanie Burns  
2047, (707) 256-7293  
e-mail: sburns@napavalley.edu

**Staff**  
Hilary Wardlaw, Division Secretary  
1031-V, (707) 256-7727  
e-mail: hwardlaw@napavalley.edu

### Course Descriptions

**ASTR 110** **3 UNITS**  
**Descriptive Astronomy**  
54 hours lecture; 63 hours total  
An introductory general education course on the formation, properties, evolution, and fates of celestial objects--from galaxies to planets to black holes. Group evening sky-observing is included.  
**CSU, UC**

**ASTR 111** **3 UNITS**  
**Practical Astronomy**  
54 hours lecture; 63 hours total  
An introductory general education course which emphasizes how to observe and understand the motions of the celestial objects, including the sun, moon, planets, comets, meteors, and stars. Evening group sky-observing is included.  
**CSU, UC**

## BIOLOGY

**Division Offices**  
Science, Mathematics and Engineering

**Division Chair**  
Dr. Stephanie Burns  
2047, (707) 256-7293  
e-mail: sburns@napavalley.edu

**Staff**  
Danielle Alexander, Instructional Assistant III  
2044, (707) 253-3190





## 74 College Programs

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### **BIOL 240** **5 UNITS**

#### **General Zoology**

54 hours lecture; 162 hours total

*Prerequisite: BIOL 120*

An integrated course in zoology and organismal biology. Emphasis is on the anatomy, physiology, development, and natural history of animals; comparative study of major animal phyla; principles of evolution; and structure-function relationships in animals. Intended for biology majors.

**CSU, UC**

### **BIOL 241** **5 UNITS**

#### **General Botany**

54 hours lecture; 162 hours total

*Prerequisite: BIOL 120*

An integrated study of contemporary plant biology and principles of ecology. The course includes the life cycles, anatomy, physiology, evolution and ecology of protozoa, fungi, and plants. Intended for biology majors.

**CSU, UC**

### **BIOL 298** **1-3 UNITS**

#### **Selected Topics In Biology**

54-162 hours lab; 54-162 hours total

Topics in biology not covered by regular catalog offerings. Course content and unit credit to be determined in relation to 0-1.2 P6nit y/TJ-13.96538-1.2 TD0 Tc.0102 Tw(T)11.2(tudyn)9.3(t needsand ua16.16v)94.9(a

**Program Level Outcomes**

Outcome 1:	Apply current computer applications
Outcome 2:	Interact professionally through oral and written communication
Outcome 3:	Analyze and solve problems using a variety of methods
Outcome 4:	Demonstrate professional and ethical behavior
Outcome 5:	Apply knowledge of accounting principles
Outcome 6:	Apply knowledge of management techniques and business theory
Outcome 7:	Develop a career plan

**Associate of Science in Business - Concentration in Business Administration**

First Semester	Units
BUSI 100 Introduction to Business	3
MATH 94 Intermediate Algebra	5
CISA 167 Intro Excel for Business Professionals	1
CISA 110 Introduction to Microcomputers	3
Business Electives*	3

Second Semester	Units
BUSI 103 Legal Environment of Business	3
BUSI 251 Marketing	3
ECON 100 Principles of Macroeconomics	3
ACCT 125 Financial Accounting	5
Business Electives**	2

Third Semester	Units
BUSI 142 Principles of Management	3
BUSI 297 Personal Money Management	3
or	
BUSI 108 Financial Planning and Investing	3
or	
BUSI 242 Fundamentals of Corporate Finance	3
Natural General Ed	3
Business Electives**	5

Fourth Semester	Units
HELH 106 Personal & Community Health	3
Humanities/Multicultural/Gender General Ed	3
or	
BUSI 105 Business Communication	3
Business Electives**	9

**Total Units** **60**

**Options**

1. A.S. Degree: All courses listed. All courses in the major must be completed with a grade of "C" or better. Consultation is required with the Program Coordinator. NOTE: Many classes are offered online.
2. THIS PROGRAM IS NOT INTENDED TO BE A TRANSFER DEGREE. Consult the catalog of the college or university of your choice and a NVC counselor for specific requirements.  
\*(CISA 165 may be taken in lieu of CISA 167)  
\*\*Select from any course with a "ACCT," "BUSI," "CISA," "CISN," "ECON," or "HOSP" designation.

**Associate of Science in Business – Concentration in Office Administration**

First Semester	Units
BUSI 90A Business Mathematics (Part 1)	1
BUSI 90B Business Mathematics (Part 2)	1
BUSI 90C Business Mathematics (Part 3)	1
BUSI 176 Machine Calculations	2
BUSI 185 Business English	2
CISA 170A Keyboarding 1/Part 1	1
CISA 170B Keyboarding 1/Part 2	1
CISA 170C Keyboarding 1/Part 3	1
CISA 110 Introduction to Microcomputers	3
COUN 110 Career/Life Plan	3

**Second Semester** **Units**



<b>Digital Art &amp; Design</b>	<b>Units</b>
DART 120 Intro to Digital Art & Graphic Design	3
or	
DART 130 Introduction to Digital Imaging	3
<b>Digital Design and Graphic Technology Units</b>	
DDGT 110 Technical Drawing Fundamentals	3
or	
DDGT 230 Digital Architectural Drawing/Design	3 - 6
<b>Theater</b>	<b>Units</b>
THEA 110 Technique of Acting	3
or	
THEA 154 Theater Production: Repertory	1 - 3
<b>Total Units</b>	<b>12 - 13</b>

### Real Estate Certificate

The purpose of this certificate is to assist students in preparing to take the Real Estate Exam.

<b>Required Courses</b>	<b>Units</b>
BUSI 160 Real Estate Principles	3
BUSI 161 Real Estate Practice	3
BUSI 162 Legal Aspects Of Real Estate	3
or	
BUSI 103 Legal Environment of Business	3
<b>Electives: 6 units/8 Units</b>	<b>Units</b>
ACCT 120 Introduction to Accounting	3
ACCT 125 Financial Accounting	5
BUSI 100 Introduction to Business	3
BUSI 105 Business Communication	3
BUSI 242 Fundamentals of Corporate Finance	3
CISA 110 Introduction to Microcomputers	3
CISA 165 Spreadsheets	3
CISA 167 Intro Excel for Business Professionals	1
CISA 170A Keyboarding 1/Part 1	1
CISA 170B Keyboarding 1/Part 2	1
or	
CISA 170C Keyboarding 1/Part 3	1
ECON 100 Principles of Macroeconomics	3
or	
ECON 101 Principles of Microeconomics	3
<b>Total Units</b>	<b>15-17</b>

### Course Descriptions

**BUSI 90A** **1 UNIT**  
**Business Mathematics (Part 1)**  
 9 hours lecture; 18 hours total  
*Recommended Preparation: MATH 55*  
 Business Math applies arithmetic to practical problems encountered by business professionals. Topics include banking, solving equations, percents, discounts, markup/markdowns, and payroll.

**BUSI 90B**  
**Business Mathematics (Part 2)**  
 9 hours lecture; 18 hours total  
*Recommended Preparation: MATH 55*  
 Business Math applies arithmetic to practical problems encountered by business professionals. Topics include interest, discounting, present value, annuities, sinking funds, installment buying, and the cost of home ownership.

**BUSI 90C** **1 UNIT**  
**Business Mathematics (Part 3)**  
 9 hours lecture; 18 hours total  
*Recommended Preparation: MATH 55*  
 Business Math applies arithmetic to practical problems encountered by business professionals. Topics include financial reports, depreciation, inventory, taxes, insurance, investments, and statistics.

**BUSI 100** **3 UNITS**  
**Introduction to Business**  
 54 hours lecture; 54 hours total

## 78 College Programs

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### **BUSI 105** **3 UNITS**

#### **Business Communication**

54 hours lecture; 54 hours total

*Recommended Preparation: Eligibility for ENGL 120 or successful completion of ENGL 90*

This course focuses on written communication for business. Punctuation, sentence structure, and style will be reviewed. Students will write letters, memos, and business reports and will be introduced to research methods and procedures. 6,000-8,000 words of writing are required.

CSU

### **BUSI 141** **3 UNITS**

#### **Entrepreneurial Opportunity Analysis**

54 hours lecture; 54 hours total

Upon completion of this course, the student should be able to assess the current economic, social and political climate for the business idea studied. In addition, the student should be able to explain how demographic, technological and social changes impact the business idea. Students will assess the personal appropriateness of their business ideas based on their strengths and skills, and personal, professional and financial goals. An initial market assessment will be made and students will test their business concept through basic market research. This course is required for all program-specific Entrepreneurship Certificates. The final outcome of the class will be a determination of the feasibility of the entrepreneurial students' business ideas.

CSU

### **BUSI 142** **3 UNITS**

#### **Principles of Management**

54 hours lecture; 54 hours total

Analysis of basic management theory and concepts. The primary functions of management (planning, organizing, coordinating, and controlling) are studied in depth.

CSU

### **BUSI 143** **3 UNITS**

#### **Entrepreneurial Business Plan**

54 hours lecture; 54 hours total

This course will review the roles of entrepreneurs and small business in today's economy. Students will build a business plan for the business they would like to create.

CSU

### **BUSI 176** **2 UNITS**

#### **Machine Calculations**

18 hours lecture; 54 hours total

Machine Calculations is a fundamental course that focuses on the

**BUSI 275** 2 UNITS**Machine Transcription**

36 hours lecture; 54 hours total

*Recommended Preparation: BUSI 185, CISA 270*

Machine Transcription is a specialized course that focuses on operating desktop transcriber machines to produce business correspondence. The focus is on transcribing documents and strengthening English language skills by practicing punctuation, spelling, grammar, vocabulary, editing, and proofreading. Special attention is given to typing manuscripts and reports in good form.

CSU

**BUSI 297** 3 UNITS**Personal Money Management**

54 hours lecture; 54 hours total

An introductory course for planning and managing individual finances and for money management. Topics will include purchasing decisions, sources of credit, personal tax strategies, budgeting, saving, investing in real estate and securities, insuring personal resources and retirement planning.

CSU

**CHILD AND FAMILY STUDIES****Division Offices  
Career Technical Education****Division Dean**

Gregory Miraglia

1007, (707) 256-7710

e-mail: gmiraglia@napavalley.edu

**Staff**

Stacy Hitchcock, Division Secretary

1003-B, (707) 256-7703

e-mail: shitchcock@napavalley.edu

**Faculty**

Dianna Chiabotto, Program Coordinator

1031-Q, (707) 256-7764

e-mail: dchiabotto@napavalley.edu

**Degrees****Associate of Science in Child & Family Studies**

The Napa Valley College Child and Family Studies Program prepares students to work as teachers with young children in public and private early care and education programs. The Child and Family Studies Program may also serve as a beginning for students planning to attend a four year college to obtain a Bachelor's degree in Early Childhood Education. Upon completion of the A.S. Degree in Child and Family Studies at Napa Valley College, the student is eligible for the California Child Development Teacher Permit available through the California Commission on Teacher Credentialing.

**Program Level Outcomes**

- Outcome 1: Communicate with empathy with parents, children, and co-workers.
- Outcome 2: Develop nurturing relationships with children, parents, and co-workers as well as nurture and support the parent-child relationship.
- Outcome 3: Gather and maintain current information on the health and welfare of children.
- Outcome 4: Integrate concepts and components of developmentally appropriate practices into the daily curriculum to engage children at their level of understanding and ability.
- Outcome 5: Observe and record children's behavior to be able to integrate the information gathered into the daily curriculum to meet specific language, emotional, physical, intellectual, and social needs of individual children.
- Outcome 6: Advocate and teach from a position that values gender equity and diversity.
- Outcome 7: Know, pursue, and implement brain development research and theory in teaching.

## 80 College Programs

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### First Semester

	Units
CFS 120 Child Development	3
CFS 122 Prin & Prac of Teach Young Children	4
CFS 140 The Child, Family and Community	3
English Composition General Ed	3
Physical Education	1

### Second Semester

	Units
CFS 121 Health, Safety & Nutrition	3
CFS 123 Observation and Assessment	3
CFS 165 Curriculum and Environments in EC	3
Mathematics 94 or higher	3 - 5
Physical Education	1

### Third Semester

	Units
CFS 130 Child Development II	3
CFS 131 Child Development III	3
CFS 132 Child Development IV	3
CFS 133 Child Development V	3
CFS 134 Child Development VI	3
CFS 135 Child Development VII	3
CFS 136 Child Development VIII	3
CFS 137 Child Development IX	3
CFS 138 Child Development X	3
CFS 139 Child Development XI	3
CFS 140 Child Development XII	3
CFS 141 Child Development XIII	3
CFS 142 Child Development XIV	3
CFS 143 Child Development XV	3
CFS 144 Child Development XVI	3
CFS 145 Child Development XVII	3
CFS 146 Child Development XVIII	3
CFS 147 Child Development XIX	3
CFS 148 Child Development XX	3
CFS 149 Child Development XXI	3
CFS 150 Child Development XXII	3
CFS 151 Child Development XXIII	3
CFS 152 Child Development XXIV	3
CFS 153 Child Development XXV	3
CFS 154 Child Development XXVI	3
CFS 155 Child Development XXVII	3
CFS 156 Child Development XXVIII	3
CFS 157 Child Development XXIX	3
CFS 158 Child Development XXX	3
CFS 159 Child Development XXXI	3
CFS 160 Child Development XXXII	3
CFS 161 Child Development XXXIII	3
CFS 162 Child Development XXXIV	3
CFS 163 Child Development XXXV	3
CFS 164 Child Development XXXVI	3
CFS 165 Child Development XXXVII	3
CFS 166 Child Development XXXVIII	3
CFS 167 Child Development XXXIX	3
CFS 168 Child Development XXXX	3
CFS 169 Child Development XXXXI	3
CFS 170 Child Development XXXXII	3
CFS 171 Child Development XXXXIII	3
CFS 172 Child Development XXXXIV	3
CFS 173 Child Development XXXXV	3
CFS 174 Child Development XXXXVI	3
CFS 175 Child Development XXXXVII	3
CFS 176 Child Development XXXXVIII	3
CFS 177 Child Development XXXXIX	3
CFS 178 Child Development XXXXX	3
CFS 179 Child Development XXXXXI	3
CFS 180 Child Development XXXXXII	3
CFS 181 Child Development XXXXXIII	3
CFS 182 Child Development XXXXXIV	3
CFS 183 Child Development XXXXXV	3
CFS 184 Child Development XXXXXVI	3
CFS 185 Child Development XXXXXVII	3
CFS 186 Child Development XXXXXVIII	3
CFS 187 Child Development XXXXXIX	3
CFS 188 Child Development XXXXXX	3
CFS 189 Child Development XXXXXXI	3
CFS 190 Child Development XXXXXXII	3
CFS 191 Child Development XXXXXXIII	3
CFS 192 Child Development XXXXXXIV	3
CFS 193 Child Development XXXXXXV	3
CFS 194 Child Development XXXXXXVI	3
CFS 195 Child Development XXXXXXVII	3
CFS 196 Child Development XXXXXXVIII	3
CFS 197 Child Development XXXXXXIX	3
CFS 198 Child Development XXXXXX	3
CFS 199 Child Development XXXXXXI	3
CFS 200 Child Development XXXXXXII	3

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## 82 College Programs

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**CFS 130** **3 UNITS**

**The Creative Process in Young Children**

54 hours lecture; 54 hours total

Prerequisite: CFS 122, CFS 123

Students will explore techniques that support the creative abilities of young children in art, music, literature, drama, puppetry, cooking, and nutrition. This course emphasizes a developmental creative approach.

**CSU**

**CFS 135** **3 UNITS**

**The Cognitive Development of Young Children**

54 hours lecture; 54 hours total

Prerequisite: CFS 122, CFS 123

This course explores how young children think and develop theories and concepts. Students will gain knowledge about materials and environments to support young children's cognitive development, including math and science skills.

**CSU**

**CFS 140** **3 UNITS**

**The Child, Family and Community**

54 hours lecture; 54 hours total

This course is a multicultural examination of the effects of family and community on a child's development. Topics include the interactions among children, family, school, peers, media, and community, with an emphasis on ethnic diversity, social class, gender roles, and their impact on family behavior, values, morals, and attitudes.

**CSU, UC**

**CFS 145** **3 UNITS**

**Language Development & Early Literacy**

54 hours lecture; 54 hours total

The development of language in young children and the role of literature are examined, including a detailed exploration of quality children's literature. The practical use of language and literature in a variety of early childhood settings is explored.

**CFS 175** **3 UNITS**  
**Meeting the Developmental Needs of the School-Aged Child**  
54 hours lecture; 54 hours total

The student will be exposed to the philosophy, principles and practices of school-age child care. Emphasis is on preparing students to work with children in a group setting. Students will learn techniques for guiding behavior, structuring program flow, and preparing environment to meet the needs of the school age child.

CSU

**CFS 180** **3 UNITS**  
**The Anthropology of Childhood**  
54 hours lecture; 54 hours total

A comparative study of childhood as experienced in a variety of world cultures. Explores different cultural patterns of child rearing and the differential experiences of childhood as they are influenced by race, class, gender and environmental variables. The role of women and girls as childbearers, caretakers and providers will be emphasized. The effects of rapid culture change on children will be studied with particular emphasis on poverty, armed conflict, and HIV/AIDS

CSU, UC

**CFS 184** **3 UNITS**  
**Teaching Children in a Diverse Society**  
54 hours lecture; 54 hours total

Examination of the development of social identities in diverse societies including theoretical and practical implications of oppression and privilege as they apply to young children, families, programs, classrooms and teaching. Various classroom strategies will be explored emphasizing culturally and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. Course includes self-examina

## CHEMISTRY

### Division Offices Science, Mathematics and Engineering

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Dr. Forest Quinlan  
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## Degree

### Associate of Science in Natural Science and Mathematics

*See Mathematics - Associate of Science in Natural Science  
and Mathematics*

## Course Descriptions

### CHEM 110 4 UNITS

#### Introduction to Chemistry

54 hours lecture, 54 hours lab; 108 hours total

*Prerequisite: Completion of MATH 94 with a grade of C or better*

The first course in chemistry for students preparing for biological or health sciences, for more advanced chemistry courses, or for those desiring to learn about chemistry in the everyday world for general education. Laboratory is included.

Student Center, Napa, (707) 253-3195

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**COMPUTER INFORMATION SYSTEMS  
APPLICATION**

Division Offices  
Career Technical Education

<p><b>CISA 160</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Database Systems</b>            54 hours lecture, 18 hours; 72 hours total  <i>Recommended Preparation: CISA 110</i></p> <p>Provides an introduction and hands-on training in the use of microcomputer database software. The basic concepts of Structure as well as specific commands and functional capabilities will be covered. Files will be created, data manipulated, output formatted, and reports produced. Students will gain experience in modular programming techniques and constructing program loops. Specific applications will include batch mode, interactively finding and editing data, and simultaneously accessing two databases to isolate exception conditions or update files.</p> <p><b>CSU</b></p>	<p><b>CISA 170C</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 1/Part 3</b>            9 hours lecture, 45 hours lab; 54 hours total  <i>Recommended Preparation: CISA 170B or equivalent keyboarding and word processing skills</i></p> <p>Part 3 continues to develop keyboarding and word processing skills. The student will use acquired word processing skills to produce academic and business reports, business letters in modified block style, and resumes.</p> <p><b>CSU</b></p>
<p><b>CISA 165</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Spreadsheets</b>            54 hours lecture, 18 hours lab; 72 hours total  <i>Recommended Preparation: CISA 110</i></p> <p>Provides an introduction and hands-on training in the use of microcomputer-based spreadsheet software. An introduction to the basic concepts of an electronic spreadsheet as well as the specific commands and functions will be covered. Advanced topics will include macros, business graphics, database, and interactive menus. Spreadsheet documents will be produced for a variety of applications for business use.</p> <p><b>CSU</b></p>	<p><b>CISA 171A</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 2/Part 1</b>            9 hours lecture, 45 hours lab; 54 hours total  <i>Recommended Preparation: CISA 170C or equivalent keying and word processing skills</i></p> <p>This course provides further development of basic keyboarding techniques. Students will use word processing skills to compose documents, format reports, multi-page letters, multi-page memos, and tables.</p> <p><b>CSU</b></p>
<p><b>CISA 167</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Intro Excel for Business Professionals</b>            18 hours lecture; 18 hours total  <i>Recommended Preparation: CISA 110</i></p> <p>Students will design and create professional, well-organized spreadsheets for the business and home environment using Microsoft Excel. This introductory class will focus on preparing and formatting spreadsheets, inserting formulas, moving data within and between workbooks, and creating charts.</p> <p><b>CSU</b></p>	<p><b>CISA 171B</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 2/Part 2</b>            9 hours lecture, 45 hours lab; 54 hours total  <i>Recommended Preparation: CISA 171A or equivalent keying and word processing skills</i></p> <p>Part 2 continues to expand students' keyboarding speed and accuracy. Students will use word processing software to prepare formal report projects, internal business documents, medical office documents, and legal office documents.</p> <p><b>CSU</b></p>
<p><b>CISA 170A</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 1/Part 1</b>            18 hours lecture, 36 hours lab; 54 hours total</p> <p>This class introduces students to the basic operation of a microcomputer that emphasizes the mastery of the keyboard by touch. Correct posture and keying techniques are highlighted.</p> <p><b>CSU</b></p>	<p><b>CISA 171C</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 2/Part 3</b>            9 hours lecture, 45 hours lab; 54 hours total  <i>Recommended Preparation: CISA 171B or equivalent keying and word processing skills</i></p>
<p><b>CISA 170B</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Keyboarding 1/Part 2</b>            18 hours lecture, 36 hours lab; 54 hours total  <i>Recommended Preparation: CISA 170A or equivalent keyboarding skill</i></p> <p>Part 2 continues developing keyboarding skill with emphasis on speed and accuracy. The student will be introduced to word processing to produce correspondence, envelopes, tables, and reports.</p> <p><b>CSU</b></p>	



**CISA 289****Advanced Desktop Publishing**

9 hours lecture, 18 hours lab; 27 hours total

*Prerequisite: CISA 186*

A hands-on course designed to expand and enhance a student's basic knowledge of the desktop publishing capabilities of a word processing program. Students will learn to prepare brochures, Web pages, newsletters, reports, and manuals

**CSU****1 UNIT****CISA 298****Selected Topics in Computer Information**

9-54 hours lecture, 27-162 hours lab ; 9-162 hours total

Topics in Computer Information Systems - Applications not covered by regular catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, lecture/lab or lab class.

**CSU****0.5-3 UNITS****CRIMINAL JUSTICE TRAINING****Division Offices****Criminal Justice Training Center**

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www.nvccjtc.com

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**Certificate****911 Dispatcher Certificate of Achievement**

The 911 Dispatcher Certificate includes a concentrated course of study designed to prepare students to work as a professional 911 law enforcement dispatcher.

**Program Level Outcomes**

- Outcome 1: Maintain physical and mental fitness.
- Outcome 2: Use basic Computer applications in dispatch work.
- Outcome 3: Work as member of a team.
- Outcome 4: Communicate effectively in oral and written forms.
- Outcome 5: Employ appropriate strategies to research legal sections in various California Codes
- Outcome 6: Understand the structure and function of the justice system.
- Outcome 7: Use appropriate language when taking emergency calls
- Outcome 8: Follow appropriate protocol when dispatching emergency calls
- Outcome 9: Function according to the ethical standards of the law enforcement profession

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<b>Required Courses</b>	<b>Units</b>
CJT 296 Public Safety Dispatchers' Basic Course and ADMJ 123 Introduction to Community Policing	4 - 5  3
<b>Three units selected from:</b>	
CISA 110 Introduction to Microcomputers	3
CISA 160 Database Systems	3
CISA 165 Spreadsheets	3
CISA 170A Keyboarding 1/Part 1	1
CISA 186 Beginning Word Processing or	2
<b>Six units selected from:</b>	

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## COMPUTER STUDIES

### Division Offices Career Technical Education

#### Division Dean

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#### Faculty

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## Degree

### Associate of Science in Business – Concentration in Computer Studies

*See Associate of Science in Business*

First Semester	Units
BUSI 100 Introduction to Business	3
BUSI 185 Business English	2
CISA 170A Keyboarding 1/Part 1	1
CISA 110 Introduction to Microcomputers	3
MATH 90 Beginning Algebra	5
Physical Education	2
Second Semester	
ACCT 120 Introduction to Accounting	3
or	
ACCT 125 Financial Accounting	5
BUSI 105 Business Communication	3
CISA 165 Spreadsheets	3
CISA 186 Beginning Word Processing	2
CISA 101 Computer Information Systems	3
COMS 120 Introductory Programming Logic	3
Third Semester	
CISA 160 Database Systems	3
CISA 284 Advanced Wordprocessing	2
COMS 121 Advanced Programming Logic	3
ECON 100 Principles of Macroeconomics	3
Natural Sciences General Ed	3
Physical Education	1
Fourth Semester	Units
BUSI 103 Legal Environment of Business	3
CISA 142 Operating Systems	3
or	
CISA 212 UNIX and Linux	3
Humanities General Ed*	3
SPCOM 124 Career Communication	3
or	

SPCOM 126 Intercultural Communication 3

**Total Units 60-62**

#### Options

1. Certificate Program - Microcomputer Applications Specialist: BUSI 105 or ENGL 120; CISA 160, 165, 170A, 186, and 142 or 212; COMS 100; MATH 90; SPEE 124. Courses must be completed with a grade of "C" or better.
2. Certificate Program - Management Information Systems: ACCT 120; BUSI 100, 103, 185; CISA 110, 120, 160, 165, 170A, 186, 210, 284; COMS 100, 120, 121, 215; MATH 90. Courses must be completed with a grade of "C" or better.
3. Computer Networking Technology Certificate: CISA 110, 120, 130, 165 and CISA 142 or CISA 212. Courses must be completed with a grade of "C" or better.
4. A.S. Degree: All courses listed. All courses in the major must be completed with a grade of "C" or better. Consultation is required with the Program Coordinator.
5. Transfer to a baccalaureate degree granting institution: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.
6. At most 4-year schools, Computer Science is a combination of basic science, electronics, and advanced mathematics. A student who plans to obtain a 4-year degree in the field of computers should examine all the information regarding various programs that are available. Information about career opportunities and educational programs in this field is available in this field.

**COMS 121** 1 3 UNITS**Advanced Programming Logic**

54 hours lecture, 18 hours lab; 72 hours total

*Recommended Preparation: COMS 120*

Theory and application of advanced programming techniques in Visual Basic.NET. Graphics, Database Management, and Object Oriented Programming will be covered. ASP.NET will be introduced. Visual Studio.NET will be used for lab work.

CSU, UC

**COMS 215** 3 UNITS**Programming Concepts and Methodology I**

54 hours lecture, 18 hours lab; 72 hours total

*Prerequisite: MATH 90 or one year of high school algebra*

This course is taught using an object-oriented programming language. Its purpose is to expose students to the fundamental concepts of programming.

CSU, UC

**COMS 298** 1 3 UNITS**Selected Topics in Computer Studies**

18-54 hours lecture, 18-108 hours lab; 18-162 hours total

Topics in Computer Studies not covered by regular Catalog offerings. Course content and unit credit to be determined in relation to Community-Student and/or available status. May be offered as a seminar, lecture, or lecture/laboratory.

CSU

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Counseling****Division Chair**

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## Degree

### Associate of Science in Human Services

The Human Services Program is designed to teach students entry level helping skills to work in the high demand field of Human Services. Students will gain knowledge of human service delivery systems; communication skills for working with individuals, groups and diverse populations; case management techniques; and will have field experiences in one or more human service agencies.

The courses required to complete the major are: COUN 120, 122, 124, 126, 128, 130; HELH 106; SOCI 122; SPCOM 124 or SPCOM 126; WOEX 190, 193.

#### Program Level Outcomes

- Outcome 1: Enhance the ability of the participant (or client of the social service agency) to lead a self-determining life by providing the support and information necessary to build self-esteem, personal efficacy, assertiveness, and decision making skills.
- Outcome 2: Employ a range of effective communication strategies to establish a collaborative relationship with the participant.
- Outcome 3: Apply informal assessment practices in order to understand the needs and interests of the participant and assist them.
- Outcome 4: Utilize knowledge about informal and formal supports available in the local community and assist the participant in identifying and gaining access to such supports.
- Outcome 5: Apply effective advocacy strategies to overcome the legal, administrative, and financial challenges facing participants.
- Outcome 6: Implement case management techniques to assist participants find a full range of care throughout their community.
- Outcome 7: Write and provide the necessary documentation within an organization and manage these requirements efficiently.
- Outcome 8: Identify areas for self-improvement, pursue necessary education/training resources, and participate in the life of the organization through an understanding of its mission and practices.

First Semester	Units
COUN 120 Introduction to Human Services	3
COUN 122 Helping Skills in Human Services	3
COUN 130 Crisis Intervention in Human Services	3
SPCOM 124 Career Communication	3
or	
SPCOM 126 Intercultural Communication	3
ENGL 120 Reading & Composition 1	4
or	
BUSI 105 Business Communication	3

Second Semester	Units
COUN 124 Working With Diverse Populations*	3
COUN 126 Case Management in Human Services	3
COUN 128 Introduction to Substance Abuse Studies	3
Electives	3
WOEX 190 Work Experience Seminar	1
WOEX 193 Vocational Work Experience	2
HELH 106 Personal & Community Health	3

Third Semester	Units
Math 94 or higher	3 - 5
Electives	9
Social Science General Education	3

Fourth Semester	Units
Natural Science General Ed	3
Humanities General Ed	3
Electives Social Science GE	9

**Total Units** **62**

\*Satisfies Multicultural/Gender Studies requirement

#### Options

1. A.S. Degree: All courses listed. All courses required to complete the major must be completed with a grade of "C" or better.
2. Transfer to a baccalaureate degree granting institution: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

## Certificate

### Human Services Certificate of Achievement

The Human Services Program is designed to teach students entry level helping skills to work in the high demand field of Human Services. Students will gain knowledge of human service delivery systems; communication skills for working with individuals, groups and diverse populations; case management techniques; and will have field experiences in one or more human service agencies.

#### Program Level Outcomes

Outcome 1: Enhance the ability of the participant (or client



## 94 College Programs

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**COUN 103** **1 UNIT**  
**Take Charge of Your Learning**  
18 hours lecture; 18 hours total

A short-term, intensive course which emphasizes critical thinking strategies which can be applied across the curriculum to enhance academic, personal, and job success. The course is designed to make students more effective thinkers through the development of goals, environment, schedule, and approaches for learning. Students will also learn to analyze and evaluate issues from multiple perspectives and solve problems through critical analysis.

**CSU**

**COUN 105** **1.5 UNITS**  
**Planning for Transfer Success**  
27 hours lecture; 27 hours total

An introduction to the transfer process designed to assist students in planning their long-term educational goals. Students will gain an understanding of transfer requirements, the application of admission process, degrees offered, financial aid, scholarships, housing and supportive services, which will help the student choose the "right college."

**CSU**

**COUN 110** **3 UNITS**  
**Career/Life Plan**  
54 hours lecture; 54 hours total

A comprehensive course designed to assist students in obtaining the necessary skills and resources for effective career, educational, and life planning. Students will gain an understanding of their skills, values, interests and personality style based on a variety of assessments and learn how to apply them to career decision-making and goal setting. Students will also learn job search techniques and learn how to gather educational, occupational, and labor market information.

**CSU**

**COUN 111**

**COUN 130** **3 UNITS****Crisis Intervention in Human Services**

54 hours lecture; 54 hours total

This course will include strategies and techniques in crisis intervention for individuals training to work in the helping profession including how to conduct intake interviews; provide information, referrals and documentation; and utilize the essential active listening skills for people in crisis. Topics covered are suicide prevention, domestic violence, substance abuse, mental health, cross-cultural competencies, legal and legal issues including confidentiality.

CSU

**COUN 131** **3 UNITS****Introduction to Group Process**

54 hours lecture; 54 hours total

An introduction to educational process groups in human services and addiction treatment work settings, including theoretical foundation, stages and processes; roles, responsibilities, and ethics; strategies and techniques for facilitating group process. Students practice and demonstrate competencies through participation and demonstration of group work.

CSU

**COUN 132** **3 UNITS****Alcohol & Drug Prevention and Treatment**

54 hours lecture; 54 hours total

A course on the practical application of the historical, theoretical, research and contemporary approaches to substance abuse prevention and treatment. The impact of substance abuse on the family and continuum of care issue for treatment are explored.

CSU

**COUN 133** **2 UNITS****Assessment and Treatment Planning in Addiction Studies**

36 hours lecture; 36 hours total

*Prerequisite: COUN 126*

The course reviews the principles and practices of addiction treatment including the process of intake, screening, assessment, treatment planning, referral, documentation, professional and ethical codes of conduct. Students will practice \_\_\_\_

DANCE

Division O



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**DANS 134 D** 1 1.5 UNITS**Ballet Teaching Assistant**

36-54 hours integrated lab; 36-54 hours total

Course allows the advanced Ballet student to experience basic ballet dance pedagogy.

CSU

**DANS 135** 0.5 1.5 UNITS**Street Jazz (Beginning Hip Hop)**

18-54 hours integrated lab; 18-54 hours total



**DANS 140 C**

0.5 1 UNIT

**Repertory Dance Company**

18-36 hours integrated lab; 18-36 hours total

Repertory Dance Production is a course with an emphasis on experiential learning from participation in the staging, rehearsing and performing of choreographic repertory works from established choreographers. Emphasis on traditional stage performance and community outreach performances. Audition may be required.

CSU

**DIGITAL ART AND DESIGN**

Division Offices  
Arts and Humanities

## Course Descriptions

### DART 120 3 UNITS

#### Intro to Digital Art & Graphic Design

36 hours lecture, 54 hours lab; 90 hours total

*Recommended Preparation: ARTS 101*

This course provides an introduction to visual design concepts and contemporary professional practices in graphic art using industry-standard software including Adobe Photoshop, Illustrator and InDesign.

CSU, UC

### DART 130 3 UNITS

#### Introduction to Digital Imaging

36 hours lecture, 54 hours lab; 90 hours total

*Recommended Preparation: DART 120*

This course focuses on the creation and editing of digital images using Adobe Photoshop. Students in this course will learn to fuse traditional artistic concepts with contemporary digital tools to create original art work.

CSU

### DART 140 3 UNITS

#### Drawing & Typography

36 hours lecture, 54 hours lab; 90 hours total

*Recommended Preparation: DART 120*

This course focuses on the creation and editing of vector-based art and graphic design using Adobe Illustrator, with an emphasis on drawing and typography.

CSU, UC

### ~~DART 150 3 UNITS~~

#### ~~Publication Layout and Design~~

~~36 hours lecture, 54 hours lab; 90 hours total~~

~~*Recommended Preparation: DART 120*~~

~~This course focuses on the creation of multi-page documents using Adobe InDesign. Students in this course will learn fundamental layout and design concepts while developing effective visual communication skills.~~

~~CSU~~

### DART 160 3 UNITS

#### Introduction to Flash

36 hours lecture, 54 hours lab; 90 hours total

*Recommended Preparation: CISA 130*

Introduction to Adobe Flash providing a foundation in streaming media, interactive principles, action scripting, and animation for creating rich media websites.

CSU

### DART 170 3 UNITS

#### Digital Video Editing

108 hours integrated lab; 108 hours total

Introduction to non-linear editing on the computer. Includes historical development, digital video and audio formats, techniques and theory of editing, aspect ratios, organization of the edit, desktop environment, importing digital elements, project organization, video and audio files, non-linear editing skills, applying transitions, designing titles, applying filters, digital and multimedia effects, importing graphics, mixing audio and video elements, synchronize sound with video, and exporting digital video projects.

CSU, UC

### DART 230 3 UNITS

#### Advanced Digital Imaging

108 hours integrated lab; 108 hours total

*Recommended Preparation: DART 130*

This course is a continuation of the tools, techniques and concepts covered in DART 130, with particular emphasis on the development of conceptual approaches to creating visually compelling, original artwork utilizing Adobe Photoshop.

CSU

## DIGITAL DESIGN GRAPHICS TECHNOLOGY

### Division Offices Career Technical Education

#### Division Dean

Gregory Miraglia  
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#### Staff

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#### Faculty

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## Degree

### Associate of Science Digital Design Graphics Technology

This is a comprehensive four-semester program that enables a student to be employable as an entry level design drafter and three-dimensional (3D) artist with the versatility to work in a wide range of drafting and 3D graphic fields. The Digital Design Graphics Technology program is also an Autodesk Premier Training Center (ATC) which ensures that students are always taught on the most current releases of the various Autodesk software programs used in their coursework. No prerequisites are required, although students are advised to complete TECH 92, 107; MACH 100; PHYS 110, 111, in the first year of the program. ENGL 120 should be completed during the second year.

#### Program Level Outcomes

- Outcome 1: Be Able to Manage and Create Digital Media/Data.
- Outcome 2: Be Able to Work Positively as a Team Member in an Office Environment
- Outcome 3: Be Able Perform Industry Specific Skills
- Outcome 4: Be Able to Develop Personal Traits Conducive to a Professional Environment
- Outcome 5: Be Able to Effectively apply technology learned/ keep current with technology

#### First Semester

	Units
DDGT 120 Digital Design Graphics Technology 1	7
TECH 92 Technical Mathematics 1	3
MACH 100 Machine Shop Practice	3
Physical Education *	1

#### Second Semester

	Units
DDGT 121 Digital Design Graphics Technology 2	7

TECH 107 Technical Mathematics II	3
PHYS 110 Descriptive Physics	3
PHYS 111 Descriptive Physics Laboratory	1
Physical Education *	1

#### Third Semester

	Units
DDGT 230 Digital Architectural Drafting & Design	6
DDGT 240 Digital Design Graphics Technology 3	7
ENGL 120 Reading & Composition 1	4

#### Fourth Semester

	Units
DDGT 241 Digital Design Graphics Technology 4	7
Social Science General Ed****	3
Humanities General Ed***	3
Physical Education *	1
Elective**	3
<b>Total Units</b>	<b>63</b>

#### Options

1. Certificate Program: Students will be awarded a certificate in Digital Design Graphics Technology upon satisfactory completion of TECH 92, 107; DDGT 120, 121, 230, 240, 241; ENGL 120; MACH 100; PHYS 110, 111.
2. A.S. Degree: All courses as listed. All courses required to complete the major must be completed with a grade of C or better. Consultation with the Program Coordinator is required.
3. Transfer to a baccalaureate program

## Course Descriptions

**DDGT 110** **3 UNITS**  
**Technical Drawing Fundamentals**  
 36 hours lecture, 54 hours lab; 90 hours total

An entry level course for students with little or no technical drawing experience. Topics covered include drawing standards, drawing scales, geometric constructions, orthographic projection, sectioning, computer-aided drawing (CAD) applications using the latest version of AutoCAD.

CSU, UC

**DDGT 120** **7 UNITS**  
**Digital Design Graphics Technology 1**  
 90 hours lecture, 180 hours lab; 270 hours total  
*Recommended Preparation: MACH 100, TECH 92*

The first of a four course series in the Digital Design Graphics Technology A.S. Degree program. Drawing fundamentals are covered that include national and international drawing standards, geometric constructions, orthographic projections, dimensioning, sectioning, auxiliary views, Computer-aided drawing fundamentals, and three-dimensional modeling. All coursework is done using the latest release of the AutoCAD software program.

CSU

**DDGT 121** **7 UNITS**  
**Digital Design Graphics Technology 2**  
 90 hours lecture, 180 hours lab; 270 hours total  
*Prerequisite: DDGT 120*  
*Recommended Preparation: TECH 107*

The second of a four course series in the Digital Design Graphics Technology A.S. Degree program. Advanced study in computer-aided drawing (CAD) three-dimensional parametric solid modeling, Boolean operations, advanced lighting and scene layout for CAD rendered images, the study of descriptive geometry and lateral surface developments and creation of working drawing sets. Development of intranet web pages for communication of engineering documents across the internet. Development of graphics and graphical manipulation for web and print.

CSU

**DDGT 199** **1 3 UNITS**  
**Independent Study in Digital Design Graphics Technology**  
 54-162 hours lab; 54-162 hours total  
*Prerequisite: DDGT 121*

A course for second-year Digital Design Graphics Technology degree track students wishing to pursue related special studies that are not included in the existing Digital Design Graphics Technology/Autodesk Premier ATC curriculum.

CSU

**DDGT 230** **6 UNITS**  
**Digital Architectural Drawing & Design**  
 54 hours lecture, 108 hours lab; 162 hours total  
*Recommended Preparation: DDGT 121, TECH 107*

A study of the digital graphic representation used by the architectural field, building codes, symbology, floor plans, sectional views, foundation plans, roof framing plans, specifications, interior/exterior elevations, computer animated walk-throughs and fly-bys as relates to residential architecture and design.

CSU

**DDGT 231** **6 UNITS**  
**Architectural Design & Drawing 2**  
 54 hours lecture, 108 hours lab; 162 hours total  
*Recommended Preparation: DDGT 230*

A study of architectural design and drawing in the commercial building industry using Building Information Modeling (BIM) and sustainable analysis tools.

CSU

**DDGT 240** **7 UNITS**  
**Digital Design Graphics Technology 3**  
 90 hours lecture, 180 hours lab; 270 hours total  
*Prerequisite: DDGT 121*

A third of a four course series in the Digital Design Graphics Technology A.S. Degree program. Study of modeling, materials, lighting, and animation of three-dimensional (3D) models and scenes. Editing 3D objects, lighting objects, utilize particle systems, create cameras, perform video post operations, rendering of mul

## EARTH SCIENCE

### Division Offices Science, Mathematics and Engineering

#### Division Chair

Dr. Stephanie Burns  
2047, (707) 256-7293  
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#### Staff

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#### Faculty

Dr. Richard Della Valle  
1834, (707) 256-7270  
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### Course Descriptions

**EART 110** **4 UNITS**  
**Earth Science: Earth, Sea, and Sky**  
54 hours lecture, 54 hours lab; 108 hours total

A general lab science course for the liberal arts student. Earth resources, earth-sun-moon relationships, weather and climate and oceanography, with application to the San Francisco Bay Region. Lab topics include mineral resource recognition and use, map reading, 3-D stereoscopy, basic solar measurements for navigation, time and energy exercises, weather observations and measurements, and observation of coastal processes.

CSU, UC

## ECONOMICS

### Division Offices Social Sciences

#### Division Chair

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#### Staff

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#### Faculty

Dr. Steven Balassi  
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e-mail: balassi@napavalley.edu

### Course Descriptions

**ECON 100** **3 UNITS**  
**Principles of Macroeconomics**  
54 hours lecture; 54 hours total  
*Prerequisite: MATH 90 or MATH 97*

Introduction to principles of macroeconomic analysis, economic institutions, and the application of these concepts to public policy. Comprehension of the economic vocabulary, the conflicting economic theories, money and banking, national income accounting, the basis of economic growth, and the role of government in our economic lives.

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**EMT 310****24 UNITS****EMT-Paramedic I (Didactic)**

360 hours lecture, 72 hours lab; 432 hours total

*Prerequisite: EMT 95 or equivalent, current EMT license in the state of California, current American Heart Association healthcare provider CPR card, HEOC 100: Anatomy & Physiology or equivalent with a "C" letter grade or better and 2000 hours of EMT work experience prior to admission to the Paramedic Academy.*

The Emergency Medical Technician-P (Paramedic) I course is the first class, two semesters in length, of a four-semester course sequence that will teach pre-hospital emergency medical care at the advanced life support (ALS) level. Upon successful completion of this course, students will be eligible to enroll in EMT 311: Emergency Medical Technician-P (Paramedic) II. Letter grade only. Pre-Requisites: EMT 95 or equivalent, current EMT license in the



**ENGI 240** **4 UNITS**

**Properties of Materials**

54 hours lecture, 54 hours lab; 108 hours total

*Prerequisite: CHEM 120, PHYS 140*

This is an introductory course on the properties of engineering materials and how their overall properties relate to internal structure. Topics include: atomic structure and bonding; crystal structure; phases and phase diagrams; properties (mechanical, electrical, magnetic, optical) and structure of metals, polymers, ceramics and composites; mechanical deformation and fracture; taxonomy systems; corrosion and processing methods.

**CSU, UC**

**ENGI 241** **3 UNITS**

**Engineering Mechanics: Statics**

36 hours lecture, 54 hours lab; 90 hours total

*Prerequisite: PHYS 140, MATH 121*

This course is a study of rigid bodies in static equilibrium with gravity.

or a related field. The student will develop knowledge which will enable her to understand, evaluate, and apply writing, research and analysis skills. Students who complete the TMC in English prior to transfer will be prepared for upper division coursework in the major.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegment General Education Transfer Curriculum (IGETC) pattern.

ENGL 91  
Preparing For College Reading and Wri

3 UNITS

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## ENVIRONMENTAL SCIENCE

### Division Offices Science, Mathematics and Engineering

#### Division Chair

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2047, (707) 256-7293  
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#### Staff

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#### Faculty

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## Certificate

### Environmental Sciences Certificate of Achievement

This certificate is designed to interest students in the field of Environmental Sciences. It is intended to give introductory science students the necessary skills and background to enter the environmental engineering field at the technician level. The certificate is also designed to give the introductory science or non-science major an understanding of the multi-disciplinary nature of the field and allow the student to transfer to four year colleges for further study. The courses are planned to give the student an awareness of:

- Basic Biological Principles
  - The basics of Ecology and how these principles can be applied to everyday life
  - Guidelines for sustainability and alternative energy sources
  - The Physical Science of our planet, and
  - Geospatial skills related to environmental problem solving.
- This course of study can be completed in two semesters.

#### Program Level Outcomes

- Outcome 1: Basic Biological Principles  
Outcome 2: The basics of Ecology and how these principles can be applied to everyday life,  
Outcome 3: Guidelines for sustainability and alternative energy sources  
Outcome 4: The Physical Science of our planet  
Outcome 5: Geospatial skills related to environmental

## Course Descriptions

**ENVS 115** **3 UNITS**  
**Energy, the Environment & Sustainability**  
 54 hours lecture; 54 hours total

This course is a study of human civilizations and their impact on global environmental systems. Environmental world views (ethics), past and present, of the various cultural, ethnic, gender and socioeconomic groups will be explored.

**CSU, UC**

## ENGLISH AS A SECOND LANGUAGE

**Division Offices**  
**Language and Developmental Studies**

**Division Chair**  
 Maria Villagomez  
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**Staff**  
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**Faculty**  
 Michael Conroy, Program Coordinator  
 1030-G, (707) 256-7737  
 e-mail: mconroy@napavalley.edu

## Course Descriptions

**ESL 50** **5 UNITS**  
**Grammar/Writing 1**  
 90 hours lecture; 90 hours total  
*Recommended Preparation: Appropriate score on ESL Placement Test*

This course is the grammar/writing component of Level 1 of the ESL program. Students will study basic English grammar and writing

<p><b>ESL 64</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Reading &amp; Discussion 2</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ESL 50, ESL 54, ESL 55, ESL 60 (recommended concurrently), ESL 66 (recommended concurrently); or appropriate score on ESL Placement Test (CELSA)</i></p> <p>ESL 64 is the reading component of the second level of the ESL Program. Students will build on basic reading and vocabulary skills from ESL 50, 54, and 55 and improve reading skills such as reading comprehension and speed, vocabulary development (including vocabulary in context) summarizing written material, and overall language fluency. Class discussion is an important part of this course.</p>	<p><b>ESL 84</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Reading &amp; Discussion Level 4</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ESL 70, ESL 74, ESL 80 Recommended concurrently; or appropriate score on ESL Placement Test (CELSA)</i></p> <p>This is the reading component of the fourth level of the ESL Program. Students will build on reading skills of level 3, learning advanced skills for reading and understanding various texts including fiction, nonfiction, and textbooks. Skill development areas include note taking, summarizing, vocabulary development, and library research.</p>
<p><b>ESL 66</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Oral Communication 2</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: Satisfactory score on the ESL placement test or enrollment in any ESL level course below ESL 80, or prior enrollment in any ESL course; Concurrent enrollment in ESL level 60 or 70 recommended.</i></p> <p>Intensive practice in the control of spoken American English, emphasizing pronunciation and fluency. Intensive practice in listening comprehension. Students will participate in a variety of exercises for pronunciation, intonation, oral expression, and listening comprehension.</p>	<p><b>ESL 106</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Oral Communication 5</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: Concurrent or previous enrollment in ESL 80, ESL 84, and/or ESL 110; appropriate score on ESL Placement Test</i></p> <p>Advanced oral communication skills class in which students learn to listen actively, speak with clarity, and communicate effectively in English. Students will work collaboratively to make oral presentations and contribute to group and class discussions about topics of current interest. Concurrent or previous enrollment in ESL 80, 84, 110 or an appropriate score on the ESL placement test is recommended before taking this class.</p>
<p><b>ESL 70</b> <span style="float: right;"><b>5 UNITS</b></span>  <b>Grammar/Writing 3</b>            90 hours lecture; 90 hours total  <i>Recommended Preparation: ESL 60; ESL 64; or appropriate score on ESL Placement Test (CELSA)</i></p> <p>This is the grammar/writing component of Level 3 of the ESL program. Students will build on grammar/writing skills of Level 2, writing and revising paragraphs and short narrative and descriptive compositions with clear introductions, support and conclusions. Grammar will include review of all simple and progressive verb tenses and the construction of compound and complex sentences.</p>	<p><b>CSU</b></p> <p><b>ESL 110</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Writing 5</b>            54 hours lecture; 54 hours total  <i>Prerequisite: ESL 80, ESL 84; or appropriate score on ESL Placement Test (CELSA)</i></p> <p>This course is the most advanced class for English as a Second Language students, offering an integration of reading, composition, grammar, and critical thinking.</p> <p><b>CSU, UC</b></p>
<p><b>ESL 74</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Reading Level &amp; Discussion Level 3</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ESL 60, ESL 64, ESL 70 Recommended concurrently; or appropriate score on ESL Placement Test (CELSA)</i></p> <p>This is the reading component of the third level of the ESL Program. Students will build on the reading and vocabulary skills of level 2, reading full-length works of fiction and/or nonfiction and continuing to improve and expand reading comprehension, discussion and vocabulary skills, and overall fluency.</p>	
<p><b>ESL 80</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Grammar/Writing 4</b>            90 hours lecture; 54 hours total  <i>Recommended Preparation: ESL 70, ESL 74; or appropriate score on ESL Placement Test (CELSA)</i></p> <p>This course is the grammar/writing component of Level 4 of the ESL program. Students will build on grammar/writing skills of Level 3. They will write, revise, and edit paragraphs and short essays, summarize and respond to selected readings, and improve their ability to identify and correct common errors of grammar and syntax.</p>	





114 College Programs

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**FILM 125C** 5 UNITS

**FILM GENRES: Drama**  
*Cross-listed with HUMA 189C*

54 hours lecture; 54 hours total

This course covers the historical, social and artistic development of the drama film genre from the 1940s to the present.

**CSU, UC**

**FILM 125D** 5 UNITS

**FILM GENRES: Musical**  
*Cross-listed with HUMA 189D*

54 hours lecture; 54 hours total

This course covers the historical, social, and artistic development of the film musical from the 1920s to the present.

This course is cross-listed with HUMA 189C and HUMA 189D.

This course is cross-listed with HUMA 189C and HUMA 189D.





**GEOL 298****Selected Topics in Geology**

54-162 hours lab; 54-162 hours total

Topics in geology not covered by regular catalog offerings. Course offerings will be based on community/student interest and need. Course content and unit credit to be determined by selected topic. May be offered in a seminar, lecture or lecture/laboratory format as appropriate.

CSU

1 3 UNITS

**HEALTH****Division Office****Physical Education, Athletics, Health & Dance**

Room 610, 600 Building

(707) 256-7650 phone

(707) 253-3220 fax

**Associate Dean**

Robert Harris

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**Staff**

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**Faculty**

Dr. Nadine Wade-Graves, Program Coordinator

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**Course Descriptions****HELH 100****3 UNITS****Community First Aid & Safety**

54 hours lecture; 54 hours total

This course involves the theory and detailed demonstration of the first aid care of the injured. The student will learn to assess the condition of a victim and incorporate proper treatment. Standard first aid, CPR, and AED certification(s) will be granted upon successful completion of requirements.

CSU, UC

**HELH 106****3 UNITS****Personal & Community Health**

54 hours lecture; 54 hours total

This course provides an overview of the personal and social aspects of health, while analyzing the interaction and effects of behavioral, environmental, social, spiritual, occupational, and physical factors. Students in this course apply the basic principles of wellness and health science to develop an informed, personal approach to mental and physical health.

CSU, UC

**HELH 109****3 UNITS****Sport Nutrition & Weight Management**

54 hours lecture; 54 hours total

This course is designed to provide students with a foundation of optimal nutrition for health and ea

**HELH 298**  
**Selected Topics in Health Occupations**  
 18-54 hours lecture; 18-54 hours total  
 Selected topics in Health. Course content and unit credit to be determined by community/student needs and available staff.  
 CSU

1 3 UNITS

**HEALTH OCCUPATIONS**

**Division Offices  
 Health Occupations**

**Division Dean**  
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Janet McCard, Division Secretary  
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 e-mail: JMcCard@napavalley.edu

**Course Descriptions**

**HEOC 97** **3 UNITS**

**Preparation for Healthcare Programs**  
 54 hours lecture; 54 hours total  
*Recommended Preparation: ENGL 90*

This course introduces the fundamental study, test taking, and communication skills necessary to achieve success in the ADN, RT, or Paramedic programs. Skills on time management, study techniques and test taking strategies are among the areas to be covered.

**HEOC 100** **3 UNITS**

**Basic Anatomy & Physiology**  
 54 hours lecture; 54 hours total

Introductory lecture course in Anatomy and Physiology. Required for Vocational Nursing, Psychiatric Technician and Paramedic Programs.

CSU

**HEOC 101** **2 UNITS**

**Pharmacology**  
 54 hours lecture; 54 hours total

Pharmacology 101 covers the basic principles of pharmacology and the use of drugs in the treatment of disease. Topics include: drug action, drug metabolism, drug toxicity, and drug interactions.

HEOC 172  
Basic Nutri

2 UNITS

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## 120 College Programs

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### **HIST 123** **3 UNITS**

#### **World Civilization 2**

54 hours lecture; 54 hours total

A global survey of the world civilizations from the 15th century to the present. Emphasis will be placed on the social, political, eco-

Africa, Europe, and the Americas, the interaction among those civilizations, and their impact on a legacy to the contemporary world.

**CSU, UC**

### **HIST 140** **3 UNITS**

#### **Modern Latin America**

54 hours lecture; 54 hours total

A survey of the political, economic, social and intellectual evolution of post-colonial, 19th-20th Century Latin America.

**CSU, UC**

### **CSU, UC HIST 145** **3 UNITS**

#### **California History**

54 hours lecture; 54 hours total

lement  
to the present. It addresses political, economic, social, and cultural developments that accompanied the state's transformation from the Native American through the Spanish, Mexican, and American periods, and examines how national and global events influenced these developments.

**CSU, UC**

### **HIST 150** **3 UNITS**

#### **History of American Women 1600-1900**

54 hours lecture; 54 hours total

*Recommended Preparation*

*WSENAP 10*

## HOSPITALITY

Division Offices  
Career Technical Education

Division Dean  
Gregory Miraglia  
1007, (707) 256-7710





## HUMANITIES

### Division Offices Arts and Humanities

141B, Performing Arts Center, (707) 256-7509

#### Staff

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141, Performing Arts Center, (707) 256-7502  
email: mhamilton@napavalley.edu

#### Faculty

Janet Sackmon  
141F, (707) 256-7511  
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## Degree

### Associate of Arts in Humanities and Philosophy

This degree focuses on studying and analyzing the interplay of significant philosophical, artistic, historical, political, religious, and cultural issues, preparing students for further study in Philosophy and Humanities Baccalaureate programs. Students will gain a historical understanding of major civilizations and cultures, both Western and non-Western, as well as an understanding and appreciation of the contributions and perspectives of prominent intellectual women and men, including those of ethnic and other minorities. To fulfill the requirements for this degree, students will complete the required courses and work with a counselor to determine the appropriate pattern of general education courses based on the student's individual educational goals.

#### Program Level Outcomes

- Outcome 1: Critically assess political, cultural, and civic thought and the influence of diverse ethno-cultural groups on the development of American society.
- Outcome 2: Identify the area of liability associated with the hospitality and tourism industry

#### Core Courses (18 units total)

Students must complete nine units from each of the following areas, totaling eighteen units to complete the area of emphasis core course requirements.

A. Humanities (9 units)	Units
HUMA 100 The American Mind 1	3
HUMA 101 The American Mind 2	3
HUMA 104 Comparative Religion	3
HUMA 125 Introduction to Latin American Studies	3
HUMA 151 Women's Ethnic Heritage	3
HUMA 160 Filipina(o)-American Heritage	3

B. Philosophy (9 units)	Units
PHIL 120 Introduction to Philosophy 1	3
PHIL 121 Introduction to Philosophy 2	3
PHIL 125 Introduction to Ethics	3
PHIL 130 Introduction to Logic	3
PHIL 133 World Philosophy	3
PHIL 134 Philosophy of Religion	3

**Total Units** 18

## Course Descriptions

### HUMA 100 3 UNITS

#### The American Mind 1

54 hours lecture; 54 hours total

*Recommended Preparation: ENGL 90*

This course is a critical examination of key philosophical, religious, artistic, scientific, economic and political ideas that have shaped American society from the Native-American and European-American migration and settlement to the late 1800s. Students in this course will analyze diverse and conflicting arguments on the American experience with particular attention given to the influence that Native-Americans, African-Americans, Asian-Americans, and Irish-Americans have had on the development of American culture.

**CSU, UC**

### HUMA 101 3 UNITS

#### The American Mind 2

54 hours lecture; 54 hours total

*Recommended Preparation: ENGL 90*

This course is a critical examination of key philosophical, religious, scientific, economic and political ideas that have shaped American society from the mid-1800's to the present. Students in this course will analyze diverse and conflicting arguments on the American experience with particular attention given to the experiences of Native-Americans, African-Americans, Chicana(o)/Latina(o)-Americans, Filipina(o)-Americans, and women of various cultural backgrounds.

**CSU, UC**

### HUMA 112 3 UNITS

#### Introduction to Africana Studies

54 hours lecture; 54 hours total

This course explores African American identity by using an interdisciplinary approach, drawing upon the arts

**HUMA 113** **3 UNITS**  
**Introduction to Mexican-American and Chicana(o) Studies**  
 54 hours lecture; 54 hours total

This course explores Mexican-American/Chicana(o) identity by using an interdisciplinary approach, drawing upon the artistic, religious, philosophical, social, and historical aspects of Mexican and Mexican-American heritage to understand the formation of the moral and aesthetic values of Mexican-American/Chicana(o) culture today. There is a particular focus on the interplay between Mexican-American/Chicana(o) cultural identity and gender, class, and sexual orientation.

CSU, UC

**HUMA 115** **3 UNITS**  
**World Cinema**  
*Cross-listed with FILM 115*

54 hours lecture; 54 hours total

This course will survey the historical, social, and artistic development of cinema around the globe, introducing a range of international films, movements, and traditions.

CSU, UC

**HUMA 117** **3 UNITS**  
**Director's Cinema**  
*Cross-listed with FILM 117*

54 hours lecture; 54 hours total

This course examines the historical and artistic career of a seminal director in cinema history. Possible subjects include Martin Scorsese, Alfred Hitchcock, Francis Ford Coppola, and Woody Allen.

CSU

**HUMA 120** **3 UNITS**  
**Horror Film**  
*Cross-listed with FILM 120*

54 hours lecture; 54 hours total

This course offers an in-depth examination of the popular horror film through an analysis of its historical evolution, major theories, aesthetics and conventions, and the impact of its role as a reflection of culture & society.

CSU, UC

**HUMA 121** **3 UNITS**  
**Film Comedy**  
*Cross-listed with FILM 121*

54 hours lecture; 54 hours total

This course offers an in-depth examination of the comedy film through an analysis of its historical evolution, major theories, aesthetics and conventions, and its role as a reflection of culture and society.

CSU, UC

**HUMA 125** **3 UNITS**  
**Introduction to Latin American Studies**  
 54 hours lecture; 54 hours total

Introduction to Latin American Studies is an interdisciplinary course, drawing upon the artistic, philosophical, religious, social and historical aspects of Mexico, Central America, South America and the Caribbean to understand the moral and aesthetic values amongst various Latin American cultures from the Pre-Columbian era to the present. This course will also examine the relationship of Latin American and Caribbean communities in the United States with their countries/regions of origin.

CSU, UC

**HUMA 151** **3 UNITS**  
**Women's Ethnic Heritage**  
 54 hours lecture; 54 hours total

This course is an exploration of concepts related to the understanding of ethnic heritage. Literature, film and the arts will be surveyed to demonstrate the power of one's heritage in constructing

<p><b>HUMA 174</b>  <b>Diversity in American Drama</b>  <i>Cross-listed with THEA 105</i>            54 hours lecture; 54 hours total</p> <p>This course explores the contributions and perspectives of various cultural, ethnic and gender groups to contemporary American drama. Students in this course will study plays by African Americans, Latino Americans, Asian Americans and other cultural and gender groups. Cross-listed with THEA-105.</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>
<p><b>HUMA 185</b>  <b>Survey &amp; Appreciation of Film</b>            54 hours lecture; 54 hours total</p> <p>This course is an introduction to the history and elements of film-making such as narrative, mise-en-scene, cinematography, acting, editing, and sound as well as approaches to film criticism.</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>
<p><b>HUMA 186</b>  <b>Culture &amp; Gender in Films</b>            54 hours lecture; 54 hours total</p> <p>This course covers the perspectives and contributions of diverse cultural, ethnic and gender groups to American life through the art of film. Students in this course will study films by and about African Americans, Latino Americans, Asian Americans, Native Americans, and other cultural groups such as Euro-Americans, Jewish Americans and Arab Americans. They will also analyze the representations of ethnicity, gender, sexual orientation, age, physical and mental challenges in film. Cross-listed with FILM-110</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>
<p><b>HUMA 189A</b>  <b>Film Genres: Film Noir</b>  <i>Cross-listed with FILM 125A</i>            54 hours lecture; 54 hours total</p> <p>This course offers an in-depth analysis of the film noir genre through the study of film history, methods of production, film style, evolution of aesthetics and conventions, noted actors and directors, and sociological implications.</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>
<p><b>HUMA 189B</b>  <b>Film Genres: Western</b>  <i>Cross-listed with FILM 125B</i>            54 hours lecture; 54 hours total</p> <p>This course covers the historical, social, and artistic development of the western film genre from 1903 to the present.</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>
<p><b>HUMA 189C</b>  <b>Film Genres: Drama</b>  <i>Cross-listed with FILM 125C</i>            54 hours lecture; 54 hours total</p> <p>This course covers the historical, social, and artistic development of the drama film genre from 1940 to the present.</p> <p><b>CSU, UC</b></p>	<b>3 UNITS</b>

## ITALIAN

### Division Offices Language and Developmental Studies

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### Course Descriptions

**ITAL 120**  
First Semester Italian

**5 UNITS**

**Course Descriptions**

**LGBT 120** **3 UNITS**

**Introduction To LGBT Studies In The Family, Education, and Community**

54 hours lecture; 54 hours total

This introductory course examines a wide range of issues related to the lesbian, gay, bisexual, and transgender community and how those issues impact family, education and the community.

**CSU, UC**

**LGBT 190** **3 UNITS**

**LGBT Internship**

18 hours lecture, 144 hours lab; 162 hours total

A service-learning course designed for LGBT program students to work as an intern with an LGBT specific serving organization. Students are evaluated by organization and college staff.

**CSU**

**LEARNING SKILLS**

**Division Offices**  
**Language and Developmental Studies**

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**Faculty**

10121-a (3/11/17) 4/17/17 6/17/17 8/17/17 10/17/17 12/17/17 2/18/18 4/18/18 6/18/18 8/18/18 10/18/18 12/18/18 2/19/19 4/19/19 6/19/19 8/19/19 10/19/19 12/19/19 2/20/20 4/20/20 6/20/20 8/20/20 10/20/20 12/20/20 2/21/21 4/21/21 6/21/21 8/21/21 10/21/21 12/21/21 2/22/22 4/22/22 6/22/22 8/22/22 10/22/22 12/22/22 2/23/23 4/23/23 6/23/23 8/23/23 10/23/23 12/23/23 2/24/24 4/24/24 6/24/24 8/24/24 10/24/24 12/24/24 2/25/25 4/25/25 6/25/25 8/25/25 10/25/25 12/25/25 2/26/26 4/26/26 6/26/26 8/26/26 10/26/26 12/26/26 2/27/27 4/27/27 6/27/27 8/27/27 10/27/27 12/27/27 2/28/28 4/28/28 6/28/28 8/28/28 10/28/28 12/28/28 2/29/29 4/29/29 6/29/29 8/29/29 10/29/29 12/29/29 2/30/30 4/30/30 6/30/30 8/30/30 10/30/30 12/30/30 2/31/31 4/31/31 6/31/31 8/31/31 10/31/31 12/31/31 2/32/32 4/32/32 6/32/32 8/32/32 10/32/32 12/32/32 2/33/33 4/33/33 6/33/33 8/33/33 10/33/33 12/33/33 2/34/34 4/34/34 6/34/34 8/34/34 10/34/34 12/34/34 2/35/35 4/35/35 6/35/35 8/35/35 10/35/35 12/35/35 2/36/36 4/36/36 6/36/36 8/36/36 10/36/36 12/36/36 2/37/37 4/37/37 6/37/37 8/37/37 10/37/37 12/37/37 2/38/38 4/38/38 6/38/38 8/38/38 10/38/38 12/38/38 2/39/39 4/39/39 6/39/39 8/39/39 10/39/39 12/39/39 2/40/40 4/40/40 6/40/40 8/40/40 10/40/40 12/40/40 2/41/41 4/41/41 6/41/41 8/41/41 10/41/41 12/41/41 2/42/42 4/42/42 6/42/42 8/42/42 10/42/42 12/42/42 2/43/43 4/43/43 6/43/43 8/43/43 10/43/43 12/43/43 2/44/44 4/44/44 6/44/44 8/44/44 10/44/44 12/44/44 2/45/45 4/45/45 6/45/45 8/45/45 10/45/45 12/45/45 2/46/46 4/46/46 6/46/46 8/46/46 10/46/46 12/46/46 2/47/47 4/47/47 6/47/47 8/47/47 10/47/47 12/47/47 2/48/48 4/48/48 6/48/48 8/48/48 10/48/48 12/48/48 2/49/49 4/49/49 6/49/49 8/49/49 10/49/49 12/49/49 2/50/50 4/50/50 6/50/50 8/50/50 10/50/50 12/50/50 2/51/51 4/51/51 6/51/51 8/51/51 10/51/51 12/51/51 2/52/52 4/52/52 6/52/52 8/52/52 10/52/52 12/52/52 2/53/53 4/53/53 6/53/53 8/53/53 10/53/53 12/53/53 2/54/54 4/54/54 6/54/54 8/54/54 10/54/54 12/54/54 2/55/55 4/55/55 6/55/55 8/55/55 10/55/55 12/55/55 2/56/56 4/56/56 6/56/56 8/56/56 10/56/56 12/56/56 2/57/57 4/57/57 6/57/57 8/57/57 10/57/57 12/57/57 2/58/58 4/58/58 6/58/58 8/58/58 10/58/58 12/58/58 2/59/59 4/59/59 6/59/59 8/59/59 10/59/59 12/59/59 2/60/60 4/60/60 6/60/60 8/60/60 10/60/60 12/60/60 2/61/61 4/61/61 6/61/61 8/61/61 10/61/61 12/61/61 2/62/62 4/62/62 6/62/62 8/62/62 10/62/62 12/62/62 2/63/63 4/63/63 6/63/63 8/63/63 10/63/63 12/63/63 2/64/64 4/64/64 6/64/64 8/64/64 10/64/64 12/64/64 2/65/65 4/65/65 6/65/65 8/65/65 10/65/65 12/65/65 2/66/66 4/66/66 6/66/66 8/66/66 10/66/66 12/66/66 2/67/67 4/67/67 6/67/67 8/67/67 10/67/67 12/67/67 2/68/68 4/68/68 6/68/68 8/68/68 10/68/68 12/68/68 2/69/69 4/69/69 6/69/69 8/69/69 10/69/69 12/69/69 2/70/70 4/70/70 6/70/70 8/70/70 10/70/70 12/70/70 2/71/71 4/71/71 6/71/71 8/71/71 10/71/71 12/71/71 2/72/72 4/72/72 6/72/72 8/72/72 10/72/72 12/72/72 2/73/73 4/73/73 6/73/73 8/73/73 10/73/73 12/73/73 2/74/74 4/74/74 6/74/74 8/74/74 10/74/74 12/74/74 2/75/75 4/75/75 6/75/75 8/75/75 10/75/75 12/75/75 2/76/76 4/76/76 6/76/76 8/76/76 10/76/76 12/76/76 2/77/77 4/77/77 6/77/77 8/77/77 10/77/77 12/77/77 2/78/78 4/78/78 6/78/78 8/78/78 10/78/78 12/78/78 2/79/79 4/79/79 6/79/79 8/79/79 10/79/79 12/79/79 2/80/80 4/80/80 6/80/80 8/80/80 10/80/80 12/80/80 2/81/81 4/81/81 6/81/81 8/81/81 10/81/81 12/81/81 2/82/82 4/82/82 6/82/82 8/82/82 10/82/82 12/82/82 2/83/83 4/83/83 6/83/83 8/83/83 10/83/83 12/83/83 2/84/84 4/84/84 6/84/84 8/84/84 10/84/84 12/84/84 2/85/85 4/85/85 6/85/85 8/85/85 10/85/85 12/85/85 2/86/86 4/86/86 6/86/86 8/86/86 10/86/86 12/86/86 2/87/87 4/87/87 6/87/87 8/87/87 10/87/87 12/87/87 2/88/88 4/88/88 6/88/88 8/88/88 10/88/88 12/88/88 2/89/89 4/89/89 6/89/89 8/89/89 10/89/89 12/89/89 2/90/90 4/90/90 6/90/90 8/90/90 10/90/90 12/90/90 2/91/91 4/91/91 6/91/91 8/91/91 10/91/91 12/91/91 2/92/92 4/92/92 6/92/92 8/92/92 10/92/92 12/92/92 2/93/93 4/93/93 6/93/93 8/93/93 10/93/93 12/93/93 2/94/94 4/94/94 6/94/94 8/94/94 10/94/94 12/94/94 2/95/95 4/95/95 6/95/95 8/95/95 10/95/95 12/95/95 2/96/96 4/96/96 6/96/96 8/96/96 10/96/96 12/96/96 2/97/97 4/97/97 6/97/97 8/97/97 10/97/97 12/97/97 2/98/98 4/98/98 6/98/98 8/98/98 10/98/98 12/98/98 2/99/99 4/99/99 6/99/99 8/99/99 10/99/99 12/99/99 2/100/100 4/100/100 6/100/100 8/100/100 10/100/100 12/100/100

LRNS 4

0.5 UNITS

**Differential Learning Diagnosis Course**

18 hours integrated lab; 18 hours total

*Prerequisite: LRNS 3*

Through diagnostic assessment, observation, and assignments, students are made aware of their learning strengths and weaknesses and their preferred learning style. Students are given assistance in arranging their instructional program so that opportunities for success are optimized. Before enrollment, student must meet

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**Program Level Outcomes**

- Outcome 1: Demonstrate good work and safety habits, while using hand tools and power equipment.
- Outcome 2: Perform basic machining operations on lathes, mills, surface grinders and drill presses.
- Outcome 3: Perform basic measuring functions using precision measuring tools.
- Outcome 4: Read engineering drawing to accomplish required operations on machine tools.
- Outcome 5: Accomplish advanced lathe and mill processes, while working independently.
- Outcome 6: Understand tool geometry, carbide insert tooling.
- Outcome 7: Calculate all required math to accomplish machining processes.
- Outcome 8: Set-up, operate, and program basic CNC lathes and mills.

**Required Courses**

	<b>Units</b>
MACH 110 Machine Technology 1	7
MACH 111 Machine Technology 2	7
MACH 210 Machine Technology 3	7
MACH 211 Machine Technology 4	7
DDGT 110 Technical Drawing Fundamentals	3
WELD 100 Welding Theory & Practice 1	3
PHYS 110 Descriptive Physics	3
PHYS 111 Descriptive Physics Laboratory	1
TECH 92 Technical Mathematics I	3
TECH 107 Technical Mathematics II	3

**Total Units** **44**

**Course Descriptions**

**MACH 100** **3 UNITS**  
**Machine Shop Practice**  
 36 hours lecture, 54 hours lab; 90 hours total

This is a basic course in machine tool technology that satisfies the degree requirement for welding and DDGT. This course develops skills in the use of precision measuring instruments and provides students with an overview of the operations of the lathe, drill press, vertical milling machine, horizontal milling machine, surface grinder and computer numerical controlled (CNC) machines.

**CSU**

**MACH 110** **7 UNITS**  
**Machine Technology 1**  
 54 hours lecture, 216 hours lecture; 270 hours total

This is a beginning course in the machine tool technology degree program. This course develops skills in the use of precision measuring instruments and the operation of the lathe, drill press, vertical milling machine, horizontal milling machine, and surface grinder.

**CSU**

**MACH 111** **7 UNITS**

**Machine Technology 2**  
 54 hours lecture, 216 hours lecture; 270 hours total  
*Prerequisite: MACH 110*

An intermediate course in the machine tool technology degree program. Emphasis is placed on accuracy and efficiency of producing machined parts on conventional machine tools. Advanced lathe operations, including various thread forms, are a focus of the course.

**CSU**

**MACH 120** **4 UNITS**

**Machine Tool Fundamentals**  
 54 hours lecture, 54 hours lab; 108 hours total

An introductory course in the fundamentals of machining processes designed for the working student. The course is designed for machinists or engineers who need the depth of study in this area but do not have the time that is required of regular students in the discipline. This course is part of the regular degree or certificate program.

**CSU**

**MACH 121** **3 UNITS**

**Machine Tool Fundamentals Lab**  
 162 hours lab; 162 hours total

*Prerequisite: MACH 120*

This course is the companion lab course for MACH 120. An introductory course in the fundamentals of machining processes designed for the working student. The course is designed for machinists or engineers who need the depth of study in this area but do not have the time to take MACH 110. This course and MACH 120 are the equivalent to MACH 110 leading degree or certificate in Machine Tool Technology.

**CSU**

**MACH 210** **7 UNITS**

**Machine Technology 3**  
 54 hours lecture, 216 hours lab; 270 hours total  
*Prerequisite: MACH 111*

An advanced course in the machine tool technology degree program. This course emphasizes skills in the operation of horizontal and vertical milling machines. Advanced milling operations include gear cutting, gear calculations, and the use of rotary tables, index heads and dividing heads.

**CSU**

**MACH 211** **7 UNITS**

**Machine Technology 4**  
 54 hours lecture, 216 hours lab; 270 hours total  
*Prerequisite: MACH 210, MATH 107 or equivalent*

An advanced course in the machine tool technology degree program. This course emphasizes advanced skills in the operation and programming of CNC (computer numerical controlled) machines, utilizing skills developed in Machine Technology 1, 2, and 3.

**CSU**



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<b>B. Physical Sciences</b>	<b>Units</b>
ASTR 110 Descriptive Astronomy	3
ASTR 111 Practical Astronomy	3
CHEM 110 Introduction to Chemistry	4
CHEM 111 Intro to Organic & Biological Chemistry	4
CHEM 120 General Chemistry 1	5
CHEM 121 General Chemistry 2	5
CHEM 240 Organic Chemistry 1	4
CHEM 241 Organic Chemistry 2	4
CHEM 242 Quantitative Analysis	4
EART 110 Earth Science: Earth, Sea, and Sky	4
ENVS 115 Energy, the Environment & Sustainability	3
GEOG 110 Physical Geography	3
GEOG 114 California Geography	3
GEOG 120 Geographic Info Systems & Science 1	4
GEOG 121 Geographic Info Systems & Science 2	4
GEOL 110 Physical Geology	3
GEOL 111 Physical Geology Laboratory	1
GEOL 112 Fossils, Time and Earth History	3
GEOL 116 Geology, Hazards and Humanity	2
PHYS 105 General Applied Physics	3
PHYS 110 Descriptive Physics	3
PHYS 111 Descriptive Physics Laboratory	1

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<p><b>MATH 220</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Linear Algebra</b>            54 hours lecture; 54 hours total  <i>Prerequisite: MATH 121</i></p> <p>This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Properties of vectors are investigated in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, and linear transformations. Selected applications of linear algebra are included. Graphing calculator is required.</p> <p><b>CSU, UC</b></p>	<p><b>MATH 235</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Finite Mathematics</b>            54 hours lecture; 54 hours total  <i>Prerequisite: MATH 94 or MATH 99</i></p> <p>Applied problems using models from linear algebra and probability. Applications in business, life sciences, and social sciences. Recommended for majors in business and some majors in mathematics and computer sciences. Graphing calculator is required.</p> <p><b>CSU, UC</b></p>
<p><b>MATH 221</b> <span style="float: right;"><b>5 UNITS</b></span>  <b>Multivariable Calculus</b>            90 hours lecture; 90 hours total  <i>Prerequisite: MATH 121</i></p> <p>The third semester of a three course sequence in differential and integral calculus. Topics include vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, and divergence theorem. Primarily for majors of mathematics, engineering, and science. A Graphing Calculator is required.</p> <p><b>CSU, UC</b></p>	<p><b>MATH 298</b> <span style="float: right;"><b>1-3 UNITS</b></span>  <b>Selected Topics in Mathematics</b>            18-54 hours lecture, 54-162 hours lab; 18-162 hours total</p> <p>Topics in mathematics not covered by current catalog offerings. Course content and unit credit to be determined in relation to community/student needs and available staff. May be offered as a seminar, lecture, or lecture/lab class.</p> <p><b>CSU</b></p>
<p><b>MATH 222</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Differential Equations</b>            54 hours lecture; 54 hours total  <i>Prerequisite: MATH 221</i></p> <p>The course is an introduction to ordinary differential equations. Such equations are solved by both quantitative and qualitative methods while applications from a variety of disciplines are examined. The course introduces theoretical aspects of differential equations, including establishing criteria for existence of solutions, and techniques for obtaining solutions including, but not limited to, series representation, singular points, Laplace transforms and matrices.</p> <p><b>CSU, UC</b></p>	
<p><b>MATH 232</b> <span style="float: right;"><b>4 UNITS</b></span>  <b>Statistics</b>            72 hours lecture; 72 hours total  <i>Prerequisite: MATH 94 or MATH 99</i>  <i>Recommended Preparation: ENGL 90</i></p> <p>The use of probability techniques, hypothesis testing, and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education.</p> <p><b>CSU, UC</b></p>	



## Associate of Arts in Musical Theater

This degree provides a foundation in musical theater for students interested in pursuing a Bachelor of Fine Arts in Musical Theater or pursuing a career in the music entertainment industry. To fulfill the requirements for this degree, students will complete the required courses for one of three areas of emphasis and work with a counselor to determine the appropriate pattern of general education courses based on the student's individual educational goals.

### Program Level Outcomes

- Outcome 1: Collaborate with others through rehearsal and performance of a musical theater production for peer, professional or academic review.
- Outcome 2: Apply skills essential for performing in a musical.
- Outcome 3: Show an aesthetic appreciation of musical theater.

A. Required Core Courses (12 units)	Units
THEA 100 Introduction to Theater	3
MUSI 121 Music Theory I	3
THEA 110 Technique of Acting	3
MUSI 170 Musical Theater Performance	0.5 - 3

B. Restricted Electives (9 Units)	Units
MUSI 110 Fundamentals of Music	3
MUSI 122 Music Theory II	3
MUSI 128 Audition Techniques	1.5 - 1
MUSI 133 Musical Theater Voice	2
MUSI 160 College Chorale	1
THEA 153 Musical Theater Prod: Repertory	0.5 - 3
THEA 155 Dance Theater Production	1 - 3
THEA 135 Stage Movement	2
THEA 220 Professional Acting	2
THEA 166 Musical Theater Prod: Young Audiences	0.5 - 3
THEA 167 Musical Theater Prod: Broadway	0.5 - 3
THEA 168 Musical Theater Prod: Contemporary	0.5 - 3
MUSI 143 Musical Theater Voice II	2
MUSI 223 Musical Theater Voice III	2
MUSI 243 Musical Theater Voice IV	2
MUSI 170 Musical Theater Performance	0.5 - 3
MUSI 183 Musical Theater Perf: Contemporary	0.5 - 3
MUSI 173 Musical Theater Perf: Young Audiences	0.5 - 3
MUSI 172 Musical Revue Perf	0.5 - 3

**Total Units** 21

## Associate Degree for Transfer in Music (Music AA-T)

This degree option provides a comprehensive foundation in music preparation for transfer to Baccalaureate programs for instrumental or vocal music majors in the California State University system. To fulfill the requirements for this degree, students will complete lower division major preparation courses listed below and the appropriate general education pattern (CSU GE or IGETC). Additional NVC graduation requirements do not apply to this degree. Students must pass all courses in the area of emphasis with a minimum of "C" and maintain an overall minimum 2.0 GPA. Additionally, students pursuing this degree

option must work with a counselor and faculty advisor to ensure appropriate elective course selections for their intended area of emphasis, e.g. Instrumental, Vocal.

Total Units in Area of Emphasis: 22-24 units (6 units double counted in CSU GE Area C-1.)

Total Units in GE: CSU=42, IGETC=39

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
- Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.
- Completion of a minimum of 18 semester units in an AA-T or AS-T major as detailed in the catalog. All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (Title 5 § 55063).
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth); OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern.

### Program Level Outcomes

- Outcome 1: Analyze and compose harmonic examples including and up to the use of 20th century techniques.
- Outcome 2: Sight read and aurally recognize music including and up to post-tonal melodies and distantly related keys.
- Outcome 3: Perform on designated major instrument/voice, integrating musical and technical skills, creative interpretation and professional performance practice.
- Outcome 4: Evaluate and critique musicality, stylistic interpretation and technique of musicians in rehearsal and performance.
- Outcome 5: Perform musically and with authority in large ensemble situations exhibiting pitch, rhythmic, intonation, balance and blending accuracy.
- Outcome 6: Integrate, wherever possible, digital technology into the process of learning and presenting music.

Theory Core Courses: 12 units	Units
MUSI 121 Music Theory I	3
MUSI 122 Music Theory II	3
MUSI 221 Music Theory III	3
MUSI 222 Music Theory IV	3

Musicianship Core Courses: 4 units	Units
MUSI 120A Musicianship I	1
MUSI 120B Musicianship II	1
MUSI 120C Musicianship III	1
MUSI 120D Musicianship IV	1

Applied Music Courses: 4 semesters for 2 - 4 units	Units
Student selects major instrument/voice for individual instruction:	
MUSI 116 Applied Music:	0.5 - 1





**MUSI 116** 0.5 1 UNIT**Applied Music: Strings, Winds, Brass, Percussion, Piano, Voice**

9-18 hours lecture; 9-18 hours total

*Recommended Preparation:* on: MUSI 130, MUSI 135, MUSI 140, MUSI 150, Concurrent participation in an ensemble to align with selected major instrument/voice: 1) Music 160--College Chorale (vocal emphasis) 2) Music 176--Repertory Orchestra (instrumental emphasis) 3) Music 179--Repertory Wind Ensemble (instrumental emphasis) 4) Music 181--Jazz Ensemble (instrumental emphasis)

*Limitation on Enrollment:* Audition required

Individualized study of the appropriate techniques and repertoire for the specific instrument or voice. The emphasis is on the progressive development of skills needed for solo performance. Achievement is evaluated through a juried performance.

*Repeatable for credit:* three times

CSU, UC

**MUSI 120A** 1 UNIT**Musicianship I**

36 hours integrated lab; 36 hours total

*Recommended Preparation:* on: MUSI 110

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory I through ear training, sight singing, analysis and dictation.

CSU, UC

**MUSI 120B** 1 UNIT**Musicianship II**

36 hours integrated lab; 36 hours total

*Recommended Preparation:* on: MUSI 121, MUSI 120A

This course applies and develops the rhythmic, melodic, and harmonic materials of Music Theory II through ear training, sight singing, analysis and dictation.

CSU, UC

**MUSI 120C** 1 UNIT**Musicianship III**

36 hours integrated lab; 36 hours total

*Recommended Preparation:* on: MUSI 122, MUSI 120B

Applies and develops the rhythmic, melodic, and harmonic materials of Music Theory III through ear training, sight singing, analysis and dictation.

CSU, UC

**MUSI 120D** 1 UNIT**Musicianship IV**

36 hours integrated lab; 36 hours total

*Recommended Preparation:* on: MUSI 221, MUSI 120C

Applies and develops the rhythmic, melodic and harmonic materials of Music Theory IV

36 hours integrated lab; 36 hours total

CSU, UC

**MUSI 130** **2 UNITS**

**Beginning Voice**

36 hours lecture; 36 hours total

This course teaches the basic practical techniques of singing: breath management, body alignment, pitch, rhythm, confidence and projection in vocal performance; while introducing a variety of musico-cultural repertoire and styles. For all students wishing to improve their vocal skills while expanding their knowledge of musico-cultural performance styles of singing.

CSU, UC

**MUSI 132** **2 UNITS**

**Commercial Voice**

36 hours lecture; 36 hours total

*Recommended Preparation: MUSI 130*

This course focuses on solo vocal performance with emphasis on healthy principles of vocal production, contemporary commercial vocal style, and audience communication of text. The class is presented in a lecture/seminar environment.

CSU

**MUSI 133** **2 UNITS**

**Musical Theater Voice**

36 hours lecture; 36 hours total

*Recommended Preparation: MUSI 130*

This course focuses on the musical theater repertoire and style of presentation with emphasis on healthy principles of vocal production. The course is presented in a lecture/seminar environment. Subsequent semesters will focus on expanding music selection with increased difficulty and alternating solo and ensemble performance.

CSU, UC

**MUSI 134** **3 UNITS**

**Lyric Diction for Singers**

54 hours lecture; 54 hours total

The study of diction for singing which uses the International Pho-

<p><b>MUSI 146</b> <b>3 UNITS</b>  <b>Brass Methods</b>  36 hours lecture; 36 hours total  <i>Recommended Preparation: MUSI 110</i></p> <p>This course is focused on the development of fundamental performance and teaching skills for brass instruments. Included in the course will be examination of student performance problems, diagnostic techniques, teaching strategies, basic brass repair and other specialized topics related to brass instruction in school settings.</p> <p><b>CSU</b></p>	<p><b>MUSI 155</b> <b>2 UNITS</b>  <b>String Methods</b>  36 hours lecture; 36 hours total  <i>Recommended Preparation: MUSI 110</i></p> <p>The course is focused on developing fundamental performance skills and methods of instruction for the orchestral string family. Topics include challenges of string playing, diagnostic techniques, teaching strategies, basic string instrument/bow maintenance and other related subject matter for instruction in elementary/secondary school settings.</p> <p><b>CSU</b></p>
<p><b>MUSI 147</b> <b>3 UNITS</b>  <b>Composing Music on the Computer</b>  36 hours lecture, 54 hours lab; 90 hours total  <i>Recommended Preparation: MUSI 121, MUSI 124</i></p> <p>A study of music composition (songwriting, arranging, editing) using industry standard music software, the course will instruct students in the use of acoustic and digital tools to create and further develop their musical compositions. It builds on the skills acquired in Music 124 for an in-depth study of composition using digital technology.</p> <p><b>CSU</b></p>	<p><b>MUSI</b></p>
<p><b>MUSI 148</b> <b>3 UNITS</b>  <b>Digital Sound Recording</b>  36 hours lecture, 54 hours lab; 90 hours total  <i>Recommended Preparation: MUSI 110, MUSI 126</i></p> <p>Music 148 is a course in sound recording (live and studio.) It will explore principles of acoustics, use and maintenance of the equipment used for digital sound recording, and develop techniques for capturing and manipulating audio signals.</p> <p><b>CSU</b></p>	
<p><b>MUSI 150</b> <b>2 UNITS</b>  <b>Beginning Percussion Instruments</b>  36 hours lecture; 36 hours total</p> <p>Basic techniques of drumming and playing other non-tuned percussion instruments. Emphasis on snare, tenor and bass drums; note reading and stick techniques, including rudimentary patterns.</p> <p><b>CSU, UC</b></p>	
<p><b>MUSI 152</b> <b>1 UNIT</b>  <b>Guitar Ensemble</b>  36 hours integrated lab; 36 hours total  <i>Recommended Preparation: MUSI 142</i>  <i>Limitation on Enrollment: Audition required</i></p> <p>This course is for the study, rehearsal, and public performance of guitar repertoire with emphasis on the development of skills needed to perform within a guitar ensemble. Different repertoire will be studied each semester.</p> <p><i>Repeatable for credit four times</i></p> <p><b>CSU</b></p>	

**MUSI 166** **1 UNIT**

**Women's Chorale**

36 hours integrated lab; 36 hours total

*Limitation on Enrollment: Audition required*

A choral group that rehearses and performs music from the traditional women's choral literature dating from medieval to contemporary musical periods. Concerts are performed on campus and throughout the area, as well as on occasional outside trips.

**CSU, UC**

**MUSI 169** **1 UNIT**

**Men's Chorale**

36 hours integrated lab; 36 hours total

*Limitation on Enrollment: Audition required*

A choral group that studies, rehearses, and performs music from the men's choral repertoire dating from medieval through contemporary musical periods and styles. Concerts are performed on campus, as well as on occasional off-campus venues.

**CSU**

**MUSI 0**



## 144 College Programs

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<b>MUSI 235</b> <b>Class Piano III</b> 36 hours lecture; 36 hours total <i>Recommended Preparation: MUSI 138</i> This course develops keyboard musicianship through the study of major and minor scales, arpeggios, diatonic chord progressions, harmonization of melodies, transposition and intell piano repertoire. Designed for music majors requiring piano proficiency while also providing non-majors an opportunity to study piano. <b>CSU, UC</b>	<b>2 UNITS</b>	MUSI ic0 Tw@19fTj/TT4 1 Tf.2696 0 TD-.0089 M
<b>MUSI 238</b> <b>Class Piano IV</b> 36 hours lecture; 36 hours total <i>Recommended Preparation: MUSI 235</i> This course continues the systematic development of keyboard musicianship through the study of all diatonic scales, arpeggios, harmony and intell to advanced repertoire. Designed for music majors requiring piano proficiency while also providing non-majors an opportunity to study piano. <b>CSU, UC</b>	<b>2 UNITS</b>	
<b>MUSI 240</b> <b>Int 9i/diat Guitar</b> 36 hours lecture; 36 hours total <i>Recommended Preparation: MUSI 142</i> Solo performance with particular emphasis on melodic techniques is stressed. Student performs advanced repertoire and learns advanced fingerings and fingerboard positions. <b>CSU, UC</b>	<b>2 UNITS</b>	
<b>MUSI 242</b> <b>Guitar IV</b> 36 hours lecture; 36 hours total <i>Recommended Preparation: MUSI 240</i> The course expands on the concepts and skills learned in Guitar III. Students continue to perform repertoire of increased difficulty including counterpoint. Ensemble playing is stressed throughout, with an emphasis on melodic techniques, including dynamics, articulation and phrasing. <b>CSU</b>	<b>2 UNITS</b>	
<b>MUSI 243</b> <b>Musical Theater Voice IV</b> 36 hours lecture; 36 hours total <i>Recommended Preparation: MUSI 223</i> Musical Theater Voice IV applies the combined skills from Musical Theater Voice I-III. The course focuses on strengthening vocal technique, resonance, intelligibility of text, and intense character development and communication using solo, duet, and ensemble repertoire from Musical Theater productions. The class is presented in a lecture/seminar environment. <b>CSU</b>	<b>2 UNITS</b>	





146 College Programs

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First Semester	Units
NURS 141 Introduction to Nursing	7
NURS 142 Nursing in Health Alterations I	4-11
PSYC 125 Human Development	3

Outcome 5:	therapeutic communication. Utilize theory and evidence-based knowledge for decision making to guide nursing practice.
Outcome 6:	Integrate leadership and management principles in the nursing care of individuals or groups with alterations in health.
Outcome 7:	Demonstrate consistent commitment to professional growth and self development.

Prerequisites	Units
HEOC 100 Basic Anatomy & Physiology	3
HEOC 101 Pharmacology	3

First Semester	Units
NURS 131 Vocational Nursing 1	13
HEOC 172 Basic Nutrition	2

Second Semester	Units
NURS 132 Vocational Nursing 2	14
PSYC 125 Human Development	3

Third Semester	Units
NURS 233 Vocational Nursing 3	13

Fourth Semester	Units
Natural Science	3
Humanities (Choose from #2 below) *	3
English Composition	3
Mathematics	3
Communication & Analytical Thinking	3

<b>Total Units</b>	<b>60</b>
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#### Options

1. Certificate Programs (51 unit): NURS 131, 132, 233; HEOC 100, 101, 172, and PSYC 125 (meets eligibility for State Board Examination).
2. A.S. Degree: All courses listed above - All four semesters (66 units - GPA 2.0) for required courses, see AA/ AS Program planning sheet for AS Degree or see a counselor.
3. Transfer to a four-year college: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

\*ANTH 151, DRAM 115, ENGL 217, HUMA 174, 186 meets both the Multicultural/Gender studies

#### Associate of Science in Nursing -Advanced Placement Program for Licensed Vocational Nurses (LVNs) and Licensed Paramedics

The Advanced Placement Program for LVNs and Paramedics is a program approved by the California Board of Registered Nursing (BRN). This option is available only when grant funding is available. LVNs and Paramedics with a current valid California LVN license, after completing the advanced placement program, enter the ADN program in the second semester. Entry into the ADN program is dependent upon the date they meet program prerequisites requirements and available

space. Upon completion of the program, the student is awarded an A.S. Degree in Nursing and is eligible to take the National Council Licensure Examination for Registered Nursing (NCLEX-RN). Opportunities are provided for transfer and challenge exam credit. This option is available when grant funding is available. Admission Requirements are the same as they are for generic ADN program 1. Current, valid California LVN license or Paramedic license. 2. 4,000 hours of work experience as a LVN or Paramedic.

#### Prerequisites

BIOL 218 Human Anatomy	5
BIOL 219 Human Physiology	si.2 TD(BIOL 2ie0 G4(er

## 148 College Programs

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NURS 144 Mental Health Nursing in the Community	5.5
NURS 246 Nursing in Health Alterations III	6.5 - 8
NURS 249 Nursing in Health Alterations IV	7
<b>Total Units</b>	<b>35-36.5</b>

### Certificate

#### Vocational Nursing Certificate of Achievement

This is a three-semester program designed to prepare qualified men and women to practice vocational nursing. At Napa Valley College we offer a patient-centered program operated in cooperation with community health care agencies and hospitals. The college grants a certificate

<p><b>NURS 132</b> <b>14 UNITS</b>  <b>Vocational Nursing 2</b>            144 hours lecture, 324 hours lab; 468 hours total  <i>Prerequisite: NURS 131, HEOC 172</i>  <i>Co-requisite: PSYC 125</i>            This is the second course in a series of three semesters designed to prepare the student for eligibility for licensure as a Vocational Nurse in the State of California. Includes Fluids and Electrolytes I, Nursing Process II, Oncology, Immunology, Nursing Care for Maternal-Newborn, Peripheral Vascular II, Pediatrics II, Musculo-Skeletal, Gastrointestinal, Endocrine and Mental health Disorders.  <b>CSU</b></p>	<p><b>NURS 144</b> <b>5.5 UNITS</b>  <b>Mental Health Nursing in the Community</b>            54 hours lecture, 135 hours lab; 189 hours total  <i>Prerequisite: NURS 142 with a minimum grade of C, PSYC 125 with a minimum grade of C; Completion of the program admission requirements as identified in the Napa Valley College Catalog and the ADN Program Information and Application packet as required and approved by the California Board of Registered Nursing and recommended and approved by the State)</i></p>
<p><b>NURS 141</b> <b>7 UNITS</b>  <b>Introduction to Nursing</b>            72 hours lecture, 168 hours lab; 240 hours total  <i>Prerequisite: BIOL 218, BIOL 219, BIOL 220, ENGL 120</i>  <i>Co-requisite: PSYC 125</i>            This course introduces Associate Degree Nursing students to the use of the nursing process, the legal and ethical standards, and the basic principles of effective and therapeutic communication.  <b>CSU</b></p>	
<p><b>NURS 142</b> <b>4 UNITS</b>  <b>Nursing in Health Alterations I</b>            48 hours lecture, 72 hours lab; 120 hours total  <i>Prerequisite: This sequence is required by the California Board of Registered Nursing; NURS 141 with a minimum grade of C</i>            Introduces theory and practice to provide care to adults and children with selected stable alterations in health.  <b>CSU</b></p>	
<p><b>NURS 143</b> <b>5.5 UNITS</b>  <b>Nursing in Health Alterations II</b>            54 hours lecture, 135 hours lab; 189 hours total  <i>Prerequisite: NURS 142 with a minimum grade of C, PSYC 125 with a minimum grade of C; Completion of the program admission requirements as identified in the Napa Valley College Catalog and the ADN Program Information and Application packet as required and approved by the California Board of Registered Nursing and recommended and approved by the State Chancellor's Office of the California Community Colleges (SCOCCC)</i>            Focus is on the application of the nursing process in caring for clients with common pathophysiologic alterations in health.  <b>CSU</b></p>	

## 150 College Programs

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### **NURS 247** **4 UNITS**

#### **Maternal-Newborn Nursing**

54 hours lecture, 108 hours lab; 162 hours total

*Prerequisite: NURS 143, NURS 144*

*Co-requisite: NURS 248*

Focus is on the use of the nursing process in caring for mother, newborn and the child-bearing family. Emphasis is placed on family-centered nursing care and client teaching.

**CSU**

### **NURS 248** **1 UNIT**

#### **Nursing in Community-Based Settings**

9.2 hours lecture, 24 hours lab; 33.2 hours total

*Prerequisite: NURS 143, NURS 144, NURS 298*

*Co-requisite: NURS 247*

Focus is on the application of the nursing process in community-based settings.

**CSU**

### **NURS 249** **7 UNITS**

#### **Nursing in Health Alterations IV**

72 hours lecture, 162 hours lab; 234 hours total

*Prerequisite: NURS 246, NURS 247, NURS 248, SPCOM 124, Social and Behavioral Science Elective (except PSYC 125-Human Development)*

*Co-requisite: Humanities Elective*

Focus is on the application of the nursing process for patients with multiple complex health alterations. The student functions in the roles of manager and provider of care.

**CSU**

### **NURS 250** **3 UNITS**

#### **Nursing Preceptorship**

18 hours lecture, 108 hours lab; 126 hours total

*Prerequisite: NURS 249 with a minimum grade of C*

Provides a clinical environment for the student to integrate scientific principles and management skills. The student assumes in

<p><b>PHIL 126</b> <b>3 UNITS</b>  <b>Contemporary American Ethics</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ENGL 120 or above</i>            The critical examination of personal beliefs related to contemporary American moral issues such as abortion, drugs, capital punishment, euthanasia, privacy, etc. Attention is given to weighing issues, making judgments and understanding diverse positions on any moral issue.  <b>CSU, UC</b></p>	<p><b>PHIL 130</b> <b>3 UNITS</b>  <b>Introduction to Logic</b>            54 hours lecture; 54 hours total            A study of common logical fallacies in everyday use, deductive and inductive arguments, and the logical uses of language. Emphasis will be upon the development of clear and critical thinking.  <b>CSU, UC</b></p>
<p><b>PHIL 127</b> <b>3 UNITS</b>  <b>Feminist Philosophy</b>            54 hours lecture; 54 hours total            This course introduces students to the major themes in feminist philosophy examined through the lens of the historical development of the tradition and studied from the metaphysical, epistemological, ethical and philosophy-of-the-self areas of philosophical discourse. This course develops the students' critical-thinking and problem-solving skills.  <b>CSU, UC</b></p>	<p><b>PHIL 131</b> <b>3 UNITS</b>  <b>Introduction to Logic and Critical Thinking</b>            54 hours lecture; 54 hours total            This course will introduce the major logical tools necessary for thinking critically about topics that require ordinary language as opposed to symbolic logic. Critical thinking will be applied to everyday topics found in politics, religion, ethics, family, relationships, and other crucial contemporary topics germane to our lives as individuals and as members of a community.  <b>CSU, UC</b></p>
<p><b>PHIL 128</b> <b>3 UNITS</b>  <b>Social and Political Philosophy</b>            54 hours lecture; 54 hours total            This course investigates issues central to the question, "How can we best live together?" It addresses the philosophical underpinnings of the theories of justice, freedom, natural law, personal and civic responsibilities, social and political affiliation, cultural diversity vis-a-vis the aforementioned and the construction of the good society. Students will also develop critical thinking and problem-solving skills.  <b>CSU, UC</b></p>	<p><b>PHIL 133</b> <b>3 UNITS</b>  <b>World Philosophy</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ENGL 120 or above</i>            Introduces students to the major themes in philosophy such as metaphysics, epistemology, ethics, determinism and freedom, and ontology. Major philosophers from every continent of the globe are presented on each issue. The course develops the students' critical-thinking and problem-solving skills.  <b>CSU, UC</b></p>
<p><b>PHIL 129</b> <b>3 UNITS</b>  <b>Introduction to Epistemology and Metaphysics</b>            54 hours lecture; 54 hours total            Epistemology and metaphysics are central to the study of theoretical philosophy. Epistemology deals with how we can distinguish the differences between knowledge and mere opinion or belief. The epistemologist asks, "How do we know that we truly know something? How can we acquire genuine knowledge?" Metaphysics deals with the ultimate nature of reality. The metaphysician endeavors to acquire knowledge (as opposed to mere opinion or belief) of all things natural, human and divine. Metaphysicians ask, "Are we free or are all of our actions determined by past causes? Is there a God, and if so, what must God be like? What is the nature of evil?" This course will emphasize the established historical classical works that provide a foundation for understanding contemporary works in epistemology and metaphysics.  <b>CSU, UC</b></p>	<p><b>PHIL 134</b> <b>3 UNITS</b>  <b>Philosophy of Religion</b>            54 hours lecture; 54 hours total  <i>Recommended Preparation: ENGL 120 or above</i>            Introduces the student to major themes such as the existence of God, faith and reason, evil, death, fate, mysticism and the role of logic in religious language. The course develops the students' critical-thinking and problem-solving skills.  <b>CSU, UC</b></p>
<p><b>PHIL 137</b> <b>3 UNITS</b>  <b>Comparative Religions</b>            54 hours lecture; 54 hours total            Comparative Religions offers a philosophical survey of the world's major religions, thereby providing a trenchant knowledge of avenues to spiritual growth, multicultural values and critical thinking skills.  <b>CSU, UC</b></p>	<p><b>PHIL 137</b> <b>3 UNITS</b>  <b>Comparative Religions</b>            54 hours lecture; 54 hours total            Comparative Religions offers a philosophical survey of the world's major religions, thereby providing a trenchant knowledge of avenues to spiritual growth, multicultural values and critical thinking skills.  <b>CSU, UC</b></p>
<p><b>PHIL 199</b> <b>1-3 UNITS</b>  <b>Independent Study in Philosophy</b>            18-54 hours lab; 18-54 hours total            Independent study for students interested in specialized reading, research or special projects in Philosophy.  <b>CSU</b></p>	<p><b>PHIL 199</b> <b>1-3 UNITS</b>  <b>Independent Study in Philosophy</b>            18-54 hours lab; 18-54 hours total            Independent study for students interested in specialized reading, research or special projects in Philosophy.  <b>CSU</b></p>



- Outcome 1: Critically evaluate and understand the aesthetic, cultural, and political development of Photography in historical and contemporary cultures.
- Outcome 2: Create finished images for professional/fine art applications based on principles of effective design and communication.
- Outcome 3: Express Ideas in visual terms
- Outcome 4: Present finished design products for peer, professional or academic review. Evaluate and critique graphic design work and receive criticism from others.
- Outcome 5: Work collaboratively and communicate effectively with others on photographic projects.

Total Units

18

**Digital Asset Management Certificate**

Courses	Units
PHOT 120 Introduction to Photography	3
PHOT 150 Beginning Digital Photography	3
PHOT 151 Intermediate Digital Photography	3
PHOT 152 Advanced Digital Photography	3
PHOT 153A Apple Aperture	1.5
PHOT 153B Adobe Lightroom	1.5
PHOT 180 History of Photography	3
PHOT 280 Professional Portfolio	3
<b>Total Units</b>	<b>21</b>

**Professional Photography Certificate of Completion**

This certificate program provides a foundation in the basics of photography including digital imaging, printing, lighting, business practices, and visual literacy. Emphasis is placed on the photography techniques appropriate for those entering the industry today.

**Program Level Outcomes**

- Outcome 1: Create finished images for professional applications based on principles of effective design and communication.
- Outcome 2: Express ideas in visual terms
- Outcome 3: Present finished design products for peer and professional review.
- Outcome 4: Evaluate and critique graphic design work and receive criticism from others.
- Outcome 5: Demonstrate understanding of basic business principles and relevant industry practices
- Outcome 6: Communicate effectively in written and oral formats.

Core Classes	Units
PHOT 150 Beginning Digital Photography	3
PHOT 151 Intermediate Digital Photography	3
PHOT 153A Apple Aperture	1.5
PHOT 153B Adobe Lightroom	1.5
PHOT 270 Professional Practices	3
PHOT 280 Professional Portfolio	3

Select a minimum of three units:	Units
PHOT 152 Advanced Digital Photography	3
or	
PHOT 250 Portrait Photography	3
or	
PHOT 260 Product & Advertising Photography	4



**PHOT 123** **3 UNITS**

**Advanced Darkroom Photography**  
108 hours integrated lab; 108 hours total  
*Recommended Preparation: PHOT 122*

This course is an exploration of special processing and fine printing techniques. Topics include techniques associated with the Zone System and Alternative Processes. Appreciation of contributions by photographers of diverse backgrounds.

CSU

**PHOT 150** **3 UNITS**

**Beginning Digital Photography**  
108 hours integrated lab; 108 hours total

Introduction to digital photography and digital imaging processes. Acquire tools for expressive communication, using Apple Aperture and Adobe Photoshop for scanning, manipulation, printing, and web publishing. Develop skills in a variety of outputs for both fine art and commercial applications. Explore the "digital darkroom," using both traditional photographic materials and digital input. Survey photography's role in society and culture, including the evolution of various photographic genre and the contributions to the development of digital photography by people of diverse ethnic and cultural backgrounds.

CSU

**PHOT 151** **3 UNITS**

**Intermediate Digital Photography**  
108 hours integrated lab; 108 hours total  
*Recommended Preparation: PHOT 150*

A further exploration of digital photography and digital imaging processes, involving a deeper understanding of the technical and aesthetic

**PHOT 250** 3 UNITS**Portrait Photography**

36 hours lecture, 72 hours lab; 108 hours total

*Recommended Preparation: PHOT 121 or PHOT 150*

A course designed to familiarize students with fundamentals of portrait photography. Topics include commonly used films and materials, available and location lighting, studio lighting, individual and group portraits, fashion photography. Student must provide 35mm camera. Training on professional medium format cameras in studio situations.

CSU

**PHOT 260** 4 UNITS**Product & Advertising Photography**

36 hours lecture, 72 hours lab; 108 hours total

*Recommended Preparation: PHOT 121 or PHOT 150*

An advanced course in successful product and advertising materials and equipment, studio and location lighting, organizational and planning techniques, layout/design, use of professional labs, and career possibilities. Assignments include food, fashion, glassware, architecture, large and small products. Student provides 35 mm camera. Training on professional studio cameras.

CSU

**PHOT 270** 1-3 UNITS**Professional Practices**

18-54 hours lecture, 0-162 hours lab; 18-162 hours total

This is a variable topic, variable units course that focuses on the professional aspects of the studio arts, digital art and design, and photography. Topics will vary for each course section and may include: resume development, artist's statements, portfolio development for both academic and professional review, exhibition preparation, marketing, advertising, and resources for finding exhibition opportunities.

CSU

**PHOT 280** 3 UNITS**Professional Portfolio**

108 hours integrated lab; 108 hours total

*Prerequisite: PHOT 122 or PHOT 151 or presentation of portfolio*

This course will cover topics such as critical thinking in art, writing an artist statement, career options, preparing a resume and traditional and digital portfolio preparation both for transfer and exhibitions. Students will study how to promote themselves as artists through the study of various resources and strategies used by successful artists.

## PHYSICAL EDUCATION & ATHLETICS

### Division Office Physical Education, Athletics, Health & Dance

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## Degree

### Associate Degree for Transfer in Kinesiology (Kinesiology AA-T)

Kinesiology is the study of human movement. The curriculum offered at Napa Valley College is designed to prepare the student for transfer to the four-year level college. The Associate of Arts

Outcome 6: Students will acquire the personal skills and attitudes to function as a competitor and member of an athletic team.

Required Core Courses: Kinesiology	Units
PHYE 201 Introduction to Kinesiology	3
BIOL 218 Human Anatomy	5
BIOL 219 Human Physiology	5

and

Required Core Courses: Movement (3 units)	Units
PHYE 100 Swimming	0.5 - 1
PHYE 112 Golf	1 - 1.5
PHYE 113 Badminton	1 - 1.5
PHYE 118 Racquetball	1 - 1.5
PHYE 123 Tennis	1 - 1.5
PHYE 125 Volleyball	1 - 1.5
PHYE 130 Yoga	1 - 1.5
PHYE 131 Cardio Kickboxing	0.5 - 1.5
PHYE 146 Fitness Flexibility	0.5 - 1.5
PHYE 147 Swim for Fitness	1.5
PHYE 151 Weight Training	1.5
PHYE 154 Mat Pilates	0.5 - 1.5
DANS 128 Salsa and Latin Social Dance	1 - 1.5
DANS 134 Ballet	1 - 1.5
DANS 135 Street Jazz (Beginning Hip Hop)	0.5 - 1.5
DANS 136 Jazz Dance	1 - 1.5
DANS 137 Tap Dance	1 - 1.5
DANS 138 Modern Dance	1 - 1.5
DANS 126 Cardio Salsa	1 - 1.5

Restricted Electives: Choose two	Units
MATH 232 Statistics	4
BIOL 105 Human Biology	4
CHEM 120 General Chemistry 1	5
PHYS 120 General Physics 1	4
HELV 100 Community First Aid & Safety	3

**Total Units** 21-23

## Course Descriptions

**PHYE 100** 0.5 - 1 UNIT  
**Swimming**

18-36 hours integrated lab; 18-36 hours total

Swimming 100 is an introduction to the basic fundamentals of swimming. This course will instruct the student in basic water safety skills-introduction to the water, front and back floating, prone glide, flutter kick on front and back, arm stroke both front and back, rhythmic breathing and drown proofing. This course is to emphasize mental and physical adjustment to the water.

**PHYE 112 B** **0.5 1.5 UNITS**

**Intermediate Golf**

18-54 hours integrated lab; 18-54 hours total

Continuation of fundamentals of golf. Increased refinement in stroke techniques for shots, strategy, and course management. Designed to improve the golfer's handicap and mental attitude.

**CSU, UC**

**PHYE 113** **1 1.5 UNITS**

**Badminton**

18 hours lecture, 18-27 hours integrated lab; 36-45 hours total

The course is designed for the beginning player. Basic skills will be developed and refined. Strategy, rules, etiquette and match tactics will be reviewed. Singles, doubles, and mixed doubles matches will be played.

**CSU, UC**

**PHYE 113 B** **0.5 1.5 UNITS**

**Intermediate Badminton**

18 hours lecture, 18-27 hours lab; 18-45 hours total

The course is designed for the intermediate player. Basic skills will be developed and refined.

<p><b>PHYE 130 B</b> <b>1 1.5 UNITS</b>  <b>Intermediate Yoga</b>  36-54 hours integrated lab; 36-54 hours total</p> <p>This course is an intermediate yoga class. The class will build on the beginning yoga postures and poses and will focus on developing flow, energy, and strength.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 133B</b> <b>1 1.5 UNITS</b>  <b>Intermediate Body Sculpting</b>  36-54 hours integrated lab; 36-54 hours total</p> <p>This course is designed to provide students with a healthy environment for continued development in muscle strength, endurance, and flexibility. These three techniques will be developed through various free weights, bands, tubing, benches, and mat exercises.</p> <p><b>CSU, UC</b></p>
<p><b>PHYE 131</b> <b>0.5 1.5 UNITS</b>  <b>Cardio Kickboxing</b>  18-54 hours integrated lab; 18-54 hours total</p> <p>This course is designed to provide students with a cardiovascular and muscle conditioning workout through continuous movements such as kicks, punches, jumping rope and calisthenic exercises. Each workout, which begins with a warm-up and finishes with a final stretch, emphasizes proper execution of movements and body alignment. This course is a non-contact workout appropriate for all levels of fitness.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 139</b> <b>1 1.5 UNITS</b>  <b>Kickboxing with Jeet Kun Do Concepts - Level 1</b>  36-54 hours integrated lab; 36-54 hours total</p> <p>Entry level kickboxing course incorporating June Fan Jeet Kune Do boxing concepts. Level 1 focuses on conditioning, a tribute training. Most techniques and practice drills will be from the kicking and punching range. Some basic trapping techniques will be discussed. No grappling techniques will be incorporated in level. This course will require student to purchase boxing gloves. Light contact focus mitts provided.</p> <p><b>CSU</b></p>
<p><b>PHYE 131B</b> <b>0.5 1.5 UNITS</b>  <b>Intermediate Cardio Kickboxing</b>  18-54 hours integrated lab; 18-54 hours total</p> <p>This course is designed to provide students with a cardiovascular and muscle conditioning workout through continuous movements such as kicks, punches, jumping rope and calisthenic exercises. Each workout emphasizes proper execution of movements and body alignment. Flexibility, strength training, focus mitt training and muscular endurance activities may also be incorporated. This course is a non-contact workout appropriate for students with an intermediate level of fitness.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 145</b> <b>1 UNIT</b>  <b>Fitness Testing and Evaluation</b>  36 hours lab; 36 hours total</p> <p>Assessment and interpretation of individual fitness and health levels. The assessment series measures body composition, muscular strength, cardiorespiratory endurance and flexibility. Students repeating this course will be able to track their personal fitness level.</p> <p><b>CSU</b></p>
<p><b>PHYE 132</b> <b>0.5 1.5 UNITS</b>  <b>Aerobic Dance</b>  18-54 hours integrated lab; 18-54 hours total</p> <p>This course improves cardiovascular endurance utilizing basic dance sequences presented with music. It includes proper warm-up, toning and stretching exercises.</p>	<p><b>PHYE 146</b> <b>0.5 1.5 UNITS</b>  <b>Fitness Flexibility</b>  18-54 hours integrated lab; 18-54 hours total</p> <p>This course is designed for students to achieve greater overall flexibility, strengthen, and tone the muscles. This class will focus on abdominal conditioning so the student can receive the benefits of a sturdy low back and optimal posture. Stability balls, stretch bands, and light weights will be used.</p> <p><b>CSU, UC</b></p>
<p><b>PHYE 133</b> <b>1 1.5 UNITS</b>  <b>Body Sculpting</b>  36-54 hours integrated lab; 36-54 hours total</p> <p>This course is designed to provide students an environment for improving muscular strength, muscular endurance, and muscular flexibility. These three components of fitness will be addressed using a variety of equipment including free weights, bands, tubing, benches, and mats. Emphasis will be placed on proper technique and form, and safe execution of exercises.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 146B</b> <b>0.5 1.5 UNITS</b>  <b>Intermediate Fitness and Flexibility</b>  18-54 hours integrated lab; 18-54 hours total</p> <p>This course is designed for students to achieve greater overall flexibility, strength, and muscle tone. Focus on intense abdominal conditioning for greater stability in the lower back and for optimal posture. Stability balls, stretch bands, and light weights will be used.</p> <p><b>CSU, UC</b></p>
	<p><b>PHYE 147</b> <b>1.5 UNITS</b>  <b>Swim for Fitness</b>  54 hours integrated lab; 54 hours total</p> <p>This is a course designed to improve basic aquatic skills (crawl stroke, back stroke, breast stroke) and provide life long fitness through increased endurance and knowledge gained about the major components of a workout.</p> <p><b>CSU, UC</b></p>

PHYE 148  
Walking for Fitness

1.5 UNITS

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<p><b>PHYE 160</b> <b>Adaptive Physical Education</b> <b>1.5 UNITS</b> 18 hours lecture, 36 hours lab; 54 hours total</p> <p>Designed to meet the needs of the physically limited student. The course will provide adaptations necessary to achieve muscular strength; cardiorespiratory endurance; and flexibility, each within the parameters of the student's ability.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 176</b> <b>Team Sports</b> <b>1 1.5 UNITS</b> 36-54 hours integrated lab; 36-54 hours total</p> <p>This course is an introduction to the basic movements and skills necessary for participation in an athletic event. Instruction also identifies rules, team concepts, scoring, etiquette, safety, and conditions.</p>
<p><b>PHYE 162</b> <b>Adaptive Aquatics</b> <b>1.5 UNITS</b> 54 hours integrated lab; 54 hours total</p> <p>This course is designed to teach the fundamentals of swimming for the disabled student. In addition to skill acquisition, students will develop cardiovascular endurance, strength, balance and flexibility using aquatic techniques.</p> <p><b>CSU, UC</b></p>	
<p><b>PHYE 169</b> <b>Corrective Physical Education for T.A.'s</b> <b>1.5 UNITS</b> 54 hours integrated lab; 54 hours total</p> <p>This course is designed to train assistants in the field of corrective physical education and to provide these students with actual experience in working with a wide variety of handicaps and abilities. The student will gain an understanding of the physical, mental, and social effects of physical education on the exceptional individual. The course will provide experience and training for students interested in pursuing a career in Physical Education, Corrective Therapy and Rehabilitative Physical Education.. Open entry/open exit.</p> <p><b>CSU</b></p>	
<p><b>PHYE 171</b> <b>Care &amp; Prevention of Athletic Injuries</b> <b>3 UNITS</b> 54 hours lecture; 54 hours total</p> <p>An introduction to the concepts of athletic training: care and management of sports injuries; rehabilitation of injuries through selection and use of equipment and proper training, and taping techniques.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>	
<p><b>PHYE 174</b> <b>Skills and Conditioning for Team Sports</b> <b>0.5 1.5 UNITS</b> 27-81 hours integrated lab; 27-81 hours total</p> <p>This course focuses on techniques and analysis of sport and conditioning used in preparing an student to compete at an advanced level. The course is available to all students.</p> <p><b>CSU, UC</b></p>	



## 162 College Programs

<p><b>PHYE 201</b> <b>3 UNITS</b>  <b>Introduction to Kinesiology</b>            54 hours lecture; 54 hours total</p> <p>This course is an introduction to the interdisciplinary approach to the study of human movement. An overview of the importance of the sub-disciplines in kinesiology will be discussed along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions.</p> <p><b>CSU, UC</b></p>	<p><b>PHYE 286</b> <b>0.5 3 UNITS</b>  <b>Women's Basketball Team</b>            27-162 hours lab; 27-162 hours total</p> <p>A course designed for the competitive basketball player who will represent Napa Valley College in intercollegiate play.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>
<p><b>PHYE 255</b> <b>3 UNITS</b>  <b>Foundations of Physical Fitness</b>            54 hours lecture; 54 hours total</p> <p>This course will provide the information necessary for planning and instituting a personalized program of physical fitness. Lectures will define and discuss the major components of fitness: cardiovascular fitness, muscular strength and endurance, flexibility, body composition, mind/body health, and rest/recovery period. In addition, this course introduces students to career opportunities in the health and fitness industry. This course assists in preparing interested students for Personal Fitness Trainer and Group Fitness Instructor Certification Exams through organizations such as the American Council on Exercise (ACE).</p> <p><b>CSU</b></p>	<p><b>PHYE 287</b> <b>0.5 3 UNITS</b>  <b>Baseball Team</b>            27-162 hours lab; 27-162 hours total</p> <p>This is a course designed for the competitive baseball player who will represent Napa Valley College in intercollegiate baseball games.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>
<p><b>PHYE 271</b> <b>2 UNITS</b>  <b>Sports Medicine Practicum</b>            72 hours integrated lab; 72 hours total</p> <p>This course is an introduction to the sports medicine field with hands-on experience in the practice of athletic training, physical therapy, massage therapy, and personal training.</p> <p><b>CSU</b></p>	<p><b>PHYE 290</b> <b>0.5 3 UNITS</b>  <b>Golf Team</b>            27-162 hours lab; 27-162 hours total</p> <p>This is a course designed for the competitive golfer who will represent Napa Valley College in intercollegiate play.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>
<p><b>PHYE 272</b> <b>1 UNIT</b>  <b>Sports Medicine Training Lab</b>            54 hours lab; 54 hours total</p> <p><i>Recommended Preparation: PHYE 271</i></p> <p>This course is designed to provide students with experience through internship hours working directly in the athletic training room. The course also gives students interested in physical therapy, massage therapy and personal fitness training hands-on experience.</p> <p><b>CSU</b></p>	<p><b>PHYE 291</b> <b>0.5 3 UNITS</b>  <b>Soccer Team</b>            27-162 hours lab; 27-162 hours total</p> <p>This is a course designed for the competitive soccer player who will represent Napa Valley College in intercollegiate play.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>
<p><b>PHYE 285</b> <b>0.5 3 UNITS</b>  <b>Men's Basketball Team</b>            27-162 hours lab; 27-162 hours total</p> <p>This course is designed for the competitive basketball player who will represent Napa Valley College in intercollegiate play.</p> <p><i>Repeatable for credit three times</i></p> <p><b>CSU, UC</b></p>	<p><b>PHYE 291</b> <b>0.5 3 UNITS</b>  <b>Baseball Team</b>            27-162 hours lab; 27-162 hours total</p> <p><b>CSU, UC</b></p>



PHYS 298  
Selected Topics in Physics

1 3 UNITS

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POLI 140 International Relations	3
or	
MATH 232 Statistics	4
<b>List B: Electives (6 units)</b>	<b>Units</b>
ECON 100 Principles of Macroeconomics	3
or	
ECON 101 Principles of Microeconomics	3
or	

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## PSYCHOLOGY

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## Degrees

### Associate of Arts in Psychology

The Associate of Arts degree with a major in psychology acknowledges that the student has established a foundation of knowledge in the field of psychology. This foundation can be used as a basis for further study towards a baccalaureate degree at a transfer institution. To fulfill the requirements for this degree, students will complete the required courses and work with a counselor to determine the appropriate pattern of general education courses based on the student's individual educational goals.

#### Program Level Outcomes

Outcome 1: 2 (established a foundation of knowledge in the field of psychology. This foundation can be used as a basis for further study towards a baccalaureate degree at a transfer institution. To fulfill the requirements for this degree, students will complete the required courses and work with a counselor to determine the appropriate pattern of general education courses based on the student's individual educational goals.)

## Course Descriptions

### PSYC 120 3 UNITS

#### General Psychology

54 hours lecture; 54 hours total

*Recommended Preparation: ENGL 90 or equivalent*

This course provides a general introduction to the field of psychology. Topics covered include research methods, neuropsychology, sensation and perception, cognitive psychology, developmental psychology, personality, social psychology, and clinical psychology.  
CSU, UC

### PSYC 123 3 UNITS

#### Social Psychology

*Cross-listed with SOCI 123*

54 hours lecture; 54 hours total

*Recommended Preparation: ENGL 90 or equivalent*

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Topics may include: aggression, prejudice and stereotypes, interpersonal attraction, attitude and attitude change, conformity, group dynamics, gender roles, cultural norms, and social cognition.  
CSU, UC

### PSYC 124 3 UNITS

#### Psychology of Adjustment

54 hours lecture; 54 hours total

*Recommended Preparation: ENGL 90 or equivalent*

This course addresses several major topics in the field of psychology with an emphasis on personal application. Topics covered include personality theory, stress and coping, the self, social cognition and influence, communication, attraction, gender and sexuality, human development, psychological disorders, and psychotherapy.  
CSU, UC

### PSYC 125 3 UNITS

#### Human Development

54 hours lecture; 54 hours total

*Recommended Preparation: PSYC 120*

This course provides an overview, from a psychological perspective

**PSYC 220**

**3 UNITS**

**Research Methods in Psychology**

54 hours lecture; 54 hours total

*Prerequisite: MATH 232, PSYC 120*

*Recommended Preparation: ENGL 120*

This course surveys various psychological research methods with

3. Complete PREREQUISITE courses before submitting an application for the program. a. HEOC 100 – Anatomy and Physiology (with a “C” or better) b. HEOC 101 – Pharmacology (with a “C” or better)
4. Official Verification (unopened transcripts) of high school graduation or its equivalent (GED, CHSPE, or AA/AS or a higher degree). All foreign transcripts must be evaluated by an internal evaluation service prior to submission of program application; this service must provide Napa Valley College with an evaluation certificate of the internal coursework. (Forms to request this evaluation are available in Admissions & Records and the Health Occupations Department; your office)



## Certificates

### Psychiatric Technician: Three-Semester Program Certificate of Achievement

Required Courses	Units
PTEC 150 Principles & Practice for Psych Tech 1	13
PTEC 155 Principles & Practice for Psych Tech 2	12
PTEC 156 Principles & Practice for Psych Tech 3	12
HEOC 100 Basic Anatomy & Physiology	3
HEOC 101 Pharmacology	3
HEOC 172 Basic Nutrition	2
PSYC 124 Psychology of Adjustment and	3
PSYC 125 Human Development	3
<b>Total Unit</b>	<b>51</b>

Notes: Meets eligibility for State Board Examination

### Psychiatric Technician: Fast-Track Program Certificate of Achievement

First Trimester	Units
PTEC 160 Nursing Science	18
Second Trimester	Units
PTEC 161 Developmental Disabilities	15
Third Trimester	Units
PTEC 162 Mental Disabilities	17
<b>Total Units</b>	<b>50</b>

## Course Descriptions

### PTEC 150 13 UNITS

**Principles & Practice for Psychiatric Technicians 1**  
126 hours lecture, 324 hours lab; 450 hours total

*Prerequisite: HEOC 100, HEOC 101; High School Transcript or Equivalent (GED, CHSPE, OR AA/AS or Higher). All foreign transcripts must be evaluated by an outside evaluation company. All transcripts and evaluations must be official; MDTP Math Assessment Testing with a score of 30 or higher (or MATH 55 or higher with a "C" or better); CTEP English Assessment Testing with a score of 59 or higher (or ENGL 85 or higher with a "C" or better); College Orientation Meeting; Program orientation meeting (once accepted)*

*Co-requisite: HEOC 172*

This is the first course in a series of three semesters designed to prepare the student for eligibility for licensure as a Psychiatric Technician in the State of California. Includes role of the Psychiatric Technician, Nurse/Patient Relationship, Nursing Process and Medical Records, Medical Terminology, Nursing Fundamentals, and Medical/Surgical Nursing.

CSU

### PTEC 155 12 UNITS

**Principles & Practice for Psychiatric Technicians 2**  
108 hours lecture, 324 hours lab; 432 hours total

*Prerequisite: PTEC 150, HEOC 172*

*Co-requisite: PSYC 125*

A course designed to prepare the student for eligibility for licensure as a Psychiatric Technician in the State of California. Includes Psychopharmacology, Assessment and Interventions for a Client with Developmental Disabilities, Etiologies, Diseases Associated with Developmental Disabilities, Teaching and Training using a Developmental Model, Developmental Disabilities, Client's Rights, Tests and Measurements, Normalization, Behavior Modification, Assessment, and Case Management.

CSU

### PTEC 156 12 UNITS

**Principles & Practice for Psychiatric Technicians 3**  
108 hours lecture, 324 hours lab; 432 hours total

*Prerequisite: PTEC 150, PTEC 155*

*Co-requisite: PSYC 124*

A course designed to prepare the student for eligibility for licensure as a Psychiatric Technician in the State of California. Includes: Role of Psychiatric Technician, Psychopharmacology, Mental Health Nursing I and II, Management of Assaultive Behaviors, Client's Rights, Psychophysiological, Neurotic and Psychotic Disorders, Group Therapy, Crisis Intervention, Suicide, Substance Abuse, Domes

**PTEC 162****Mental Disabilities**

208 hours lecture, 320 hours lab; 528 hours total

*Prerequisite: PTEC 161*

A trimester designed to prepare the student for licensure as a Psychiatric Technician in the State of California. This course will introduce psychological and mental health concepts as they relate to the psychiatric technician profession. The causes, prevention, and treatment of mental, emotional and behavioral disorders will be examined by providing practice in interpersonal skills, self-understanding, problem-solving, communication, and the use of rehabilitative methods in providing patient care.

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**Degrees****Associate of Science in Respiratory Care - Full-time Track Operation**

The Respiratory Care Program is four-semester and one six-week summer session for the full-time track or six-semester and two six-week summer sessions for the part-time track. The program is designed to prepare qualified men and women to practice as respiratory care practitioners (RCP). Upon completion of the program the student will be eligible to take the state licensing exam and the national registry examination. The program is accredited by the Commission on Accreditation for Respiratory Care. Respiratory care is a healthcare specialty which deals with care and treatment of patients with respiratory and cardiac disorders. RCPs work in a variety of settings, including acute and subacute hospitals, clinics, and home care.

**Program Level Outcomes**

- Outcome 1: Comprehend, apply, and evaluate clinical information relevant to their roles as advanced-level respiratory therapists (cognitive domain)
- Outcome 2: Be technically proficient in all the skills necessary to fulfill their roles as advanced-level respiratory therapists (psychomotor domain)
- Outcome 3: Exhibit professional behavior consistent with employer expectations as advanced-level respiratory therapists (affective domain)
- Outcome 4: A pass RRT exam within one year of graduation

**Prerequisites for Admission**

	<b>Units</b>
MATH 90 Beginning Algebra	5
CHEM 110 Introduction to Chemistry and	4
BIOL 218 Human Anatomy	5



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Fall Semester	Units
RESP 220 Neonatal/Pediatric Respiratory Care	3

<p><b>RESP 200</b> <span style="float: right;"><b>2 UNITS</b></span>  <b>Respiratory Care Theory III</b>  36 hours lecture; 36 hours total  <i>Prerequisite: RESP 180</i>  <i>Co-requisite: RESP 210, RESP 211, RESP 250</i></p> <p>The students will receive instruction in selected topics in respiratory care. The course will cover advanced pulmonary function testing, cardiopulmonary rehabilitation, home care, and gerontology.</p> <p><b>CSU</b></p>	<p><b>RESP 250</b> <span style="float: right;"><b>2.5 UNITS</b></span>  <b>Respiratory Care Clinical IV</b>  144-288 hours lab; 144-288 hours total  <i>Prerequisite: RESP 180</i></p> <p>Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students will work primarily in the adult critical care areas of the hospital. Full-time students must complete the 5.0-unit option. Part-time students complete only 2.5 units.</p> <p><b>CSU</b></p>
<p><b>RESP 210</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Principles &amp; Applications of Mechanical Ventilation</b>  54 hours lecture; 54 hours total  <i>Co-requisite: RESP 200, RESP 211, RESP 250</i></p> <p>Students will receive instruction in the care and treatment of the acutely ill cardiopulmonary patient. The course will cover management of patients requiring ventilatory support, intubation avoidance strategies, and hazards of positive pressure ventilation.</p> <p><b>CSU</b></p>	<p><b>RESP 251</b> <span style="float: right;"><b>2.5 UNITS</b></span>  <b>Respiratory Care Clinical V</b>  144 hours lab; 144 hours total  <i>Prerequisite: RESP 180</i></p> <p>Students will receive supervised clinical experience in the care of patients with cardiopulmonary diseases. The course will cover the practical application of theory and techniques. Students will work primarily in the adult critical care areas of the hospital. This course is for students enrolled in the part-time program.</p> <p><b>CSU</b></p>
<p><b>RESP 211</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Mechanical Ventilator Laboratory</b>  54 hours lab; 54 hours total  <i>Co-requisite: RESP 200, RESP 210, RESP 250</i></p> <p>This course's laboratory work will develop the student's knowledge and technical skills in adult, pediatric, and neonatal mechanical ventilation. The course will cover application and management of state-of-the-art ventilators.</p> <p><b>CSU</b></p>	<p><b>RESP 260</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Respiratory Care Theory IV</b>  18 hours lecture; 18 hours total  <i>Prerequisite: RESP 210, RESP 211, RESP 250, RESP 200</i>  <i>Co-requisite: RESP 290</i></p> <p>Students will receive instruction in the monitoring and care of the acutely ill cardiopulmonary patient. The course will cover coronary care, electrocardiogram analysis, and hemodynamic monitoring.</p> <p><b>CSU</b></p>
<p><b>RESP 220</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Neonatal/Pediatric Respiratory Care</b>  54 hours lecture; 54 hours total  <i>Prerequisite: RESP 185</i></p> <p>Students will receive instruction in neonatal and pediatric respiratory care. The course will cover fetal lung development, circulatory changes in the newborn, and neonatal and pediatric diseases and treatment.</p> <p><b>CSU</b></p>	<p><b>RESP 270</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Advanced Respiratory Care Laboratory</b>  46 hours lab; 46 hours total  <i>Prerequisite: RESP 211</i></p> <p>The integrated laboratory work will develop the student's knowledge and technical skills in advanced mechanical ventilation techniques. The course will cover advanced application and management of state-of-the-art and high frequency ventilators.</p> <p><b>CSU</b></p>
<p><b>RESP 230</b> <span style="float: right;"><b>1 UNIT</b></span>  <b>Respiratory Care Topics I</b>  18 hours lecture; 18 hours total  <i>Prerequisite: RESP 185</i></p> <p>Students will receive instruction in advanced concepts in respiratory care. The course will cover acute respiratory failure, chest x-ray interpretation, and specialty areas within the respiratory care profession.</p> <p><b>CSU</b></p>	<p><b>RESP 280</b> <span style="float: right;"><b>2 UNITS</b></span>  <b>Respiratory Care Topics II</b>  38 hours lecture; 38 hours total  <i>Prerequisite: RESP 200</i></p> <p>The students will receive instruction by guest lecturers. The course will cover acute respiratory distress syndrome, sepsis and advanced therapeutic procedures. Students will research and present patient case studies.</p> <p><b>CSU</b></p>

**RESP 290** 2.4 UNITS**Respiratory Care Clinical VI**

112-224 hours lab; 112-224 hours total

*Prerequisite: RESP 250*

Students will receive supervised clinical experience in the care of patients with cardiopulmonary disease. The course will cover the practical application of theory and techniques. Students will work primarily in adult, neonatal, and pediatric critical care areas of the hospital. Full-time students must complete the 4.0 unit option. Part-time students complete only 2.0 units.

**CSU****RESP 290B** 1 UNIT**Computer Simulations in Respiratory Care**

42 hours integrated lab; 42 hours total

*Co-requisite: RESP 290*

This course prepares students for the National Board for Respiratory Care's Registry Examination, which requires specialized knowledge in solving patient management problems in a branching logic for-



## SPANISH

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## Degrees

### Associate of Arts in Spanish - Heritage Speakers and Non-Heritage Speakers Emphasis

The purpose of this program is for students to learn Spanish as a first or second language so they can communicate successfully with the Spanish-speaking world, and understand and appreciate the Hispanic cultures. Students may select from two areas of emphasis in this degree: Spanish for Non-Heritage Speakers and Spanish for Heritage Speakers. To fulfill the requirements for this degree, students will complete the required courses in one of two areas of emphasis. The student must meet with a full-time member of the Spanish Department to determine the appropriate emphasis for this degree.

#### Heritage Speakers Emphasis

##### Program Level Outcomes

- Outcome 1: Communicate orally and in writing in Spanish in real life situations.
- Outcome 2: Read and comprehend Spanish at levels commensurate with those of students seeking a degree in Spanish.
- Outcome 3: Understand the Hispanic cultures, through the study of their history, literature, arts, contributions of prominent figures, and foreign travel.

#### A. Required Core Courses (13 units)

	Units
SPAN 280 Spanish for Heritage Speakers I	5
SPAN 281 Spanish for Heritage Speakers II	5
SPAN 282 Introduction to Hispanic Literature	3

#### B. Area of Emphasis Electives (6 units)

*Students must select courses totaling at least six units from the following:*

ANTH 121 Introduction to Cultural Anthropology	3
ANTH 131 Mesoamerican Archaeology	3

ENGL 123 Critical Thinking About Literature	4
FREN 120 First Semester French	5
FREN 121 Second Semester French	5
HIST 142 History of Mexico	3
HUMA 125 Introduction to Latin American Studies	3
SPAN 130 First Semester Spoken Spanish	3
SPAN 131 Second Semester Spoken Spanish	3
SPAN 260 Third Semester Spoken Spanish	3
SPAN 261 Fourth Semester Spoken Spanish	3
ITAL 120 First Semester Italian	5
ITAL 121 Second Semester Italian	5

**Total Units** 19

### Non-Heritage Speakers Emphasis

#### Program Level Outcomes

- Outcome 1: Communicate orally and in writing in Spanish in real life situations.
- Outcome 2: Read and comprehend Spanish at levels commensurate with those of students seeking a degree in Spanish.
- Outcome 3: Understand the Hispanic cultures, through the study of their history, literature, arts, contributions of prominent figures, and foreign travel.

#### A. Required Core Courses (20 – 21 unit)

	Units
SPAN 120 Elementary Spanish I	5
or	
SPAN 110 First Semester Spanish (Part A) and	3
SPAN 111 First Semester Spanish (part B) and	3
SPAN 121 Elementary Spanish II	5
and	
SPAN 240 Third Semester Spanish	5
or	
SPAN 280 Spanish for Heritage Speakers I	5
and	
SPAN 241 Fourth Semester Spanish	5
or	
SPAN 281 Spanish for Heritage Speakers II	5

#### B. Area Electives (3 units)

*Select one course from the following:*

SPAN 130 First Semester Spoken Spanish	3
SPAN 131 Second Semester Spoken Spanish	3
ANTH 131 Mesoamerican Archaeology	3
HIST 142 History of Mexico	3
SPAN 260 Third Semester Spoken Spanish	3
SPAN 261 Fourth Semester Spoken Spanish	3
ANTH 121 Introduction to Cultural Anthropology	3
SPAN 282 Introduction to Hispanic Literature	3
ANTH 200 Introduction to Linguistic Anthropology	3

**Total Units** 23-24



### Associate Degree for Transfer in Spanish (Spanish AA-T)

This Associate of Arts in Spanish for Transfer (AA-T) degree option provides a comprehensive foundation in the Spanish language in preparation for transfer to baccalaureate programs in the California State University (CSU) system in Spanish. To fulfill the requirements for this degree, students will complete the required and elective courses in the area of emphasis and the appropriate general education pattern (either CSU GE or IGETC) totaling 60 semester CSU-transferable units.

The following is required for all AA-T or AS-T degrees:

- Minimum of 60 CSU-transferable semester units.
-

**SPAN 120**  
**Elementary Spanish I**  
90 hours lecture; 90 hours total

**5 UNITS**

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**SPAN 282** **3 UNITS**

**Introduction to Hispanic Literature**

54 hours lecture; 54 hours total

This course is designed for Spanish native speakers and other linguistically qualified students who wish to improve their skills to a high-advanced level of reading, writing, and literary analysis. The emphasis is on critical thinking and reasoned support of ideas. Literary discussions will be an important component of the class, but writing composition will also be included, as well as exposure to international Hispanic culture. This course is strongly recommended for prospective Spanish majors. This course is conducted entirely in Spanish.

**CSU, UC**

**SPAN 298** **1.3 UNITS**

**Selected Topics in Spanish**

36-108 hours integrated lab; 36-108 hours total

Topics in Spanish not covered by regular catalog offerings. Course

<b>Elective Courses</b>	<b>Units</b>
<i>Choose one class from the following list:</i>	
ANTH 121 Introduction to Cultural Anthropology	3
ENGL 121 Reading & Composition 2	3
ENGL 125 Critical Thinking & Composition	3
PSYC 120 General Psychology	3
SOCI 120 Introduction to Sociology	3
<b>Total Units</b>	<b>18</b>

## Course Descriptions

### **SPCOM 120** **3 UNITS**

#### **Interpersonal Communication** 54 hours lecture; 54 hours total

This course is designed to improve the student's ability to communicate one-on-one with other individuals. The course covers a range of topics such as the self-concept, perception, verbal and nonverbal communication patterns, assertiveness, listening, conflict resolution, developing relationships and the impact of culture and gender on each aspect of communication.

CSU

### **SPCOM 122** **3 UNITS**

#### **Public Speaking** 54 hours lecture; 54 hours total

This course focuses on developing the skills needed to research, organize and present effective speeches for a variety of audiences and occasions. Additional topics include reducing speech apprehension, use of visual aids, argumentation, critical thinking and

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## TECHNICAL

### Division Offices Career Technical Education

**Division Dean**  
Gregory Miraglia  
1007, (707) 256-7710  
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**Staff**  
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1003-B, (707) 256-7703  
e-mail: shitchcock@napavalley.edu

### Course Descriptions

**TECH 92** **3 UNITS**  
**Technical Mathematics I**  
54 hours lecture; 54 hours total

The first of a two-semester course involving the study of practical mathematics as applied to technical and trade work. It is particularly useful for those anticipating a career in an industrial environment. Content includes: mathematical symbols, fractions, percentages, geometry, algebra, metric system, and applications to technical/trade work. Calculator is required. Prerequisite to Tech 107

**TECH 107** **3 UNITS**  
**Technical Mathematics II**  
54 hours lecture; 54 hours total  
*Prerequisite: TECH 92*

The second of a two-semester course involving the study of practical mathematics as applied to technical and trade work. It is particularly useful for those anticipating a career in an industrial environment. Content includes: mathematical symbols, geometry, algebra, trigonometry, graphing, unit factoring, and applications to technical/trade work. Calculator is required.

CSU

## THEATER ARTS

**Division Offices  
Arts and Humanities**  
141B, Performing Arts Center, (707) 256-7509

**Staff**  
M'Kormik T. Hamilton, Division Secretary  
141, Performing Arts Center, (707) 256-7502  
email: mhamilton@napavalley.edu

**Faculty**  
Jennifer King, Program Coordinator  
141H, (707) 256-7503  
e-mail: jking@napavalley.edu

### Degree

#### Associate of Arts in Theater Arts

This degree option provides a comprehensive foundation in theater preparation for transfer to Baccalaureate programs for theater majors in the California State University system. To fulfill the requirements for this degree, students will complete lower division major preparation courses listed below and the appropriate general education pattern (CSU GE or IGETC). Additional NVC graduation requirements do not apply to this degree. Students must pass all courses in the area of emphasis with a minimum of "C" and maintain an overall minimum 2.0 GPA. Additionally, students pursuing this degree option must work with a counselor and faculty advisor to ensure appropriate elective course selections for their intended area of emphasis, e.g. Theater Arts.

#### Program Level Outcomes

Outcome 1: Analyze dramatic literature.  
Outcome 2: Show a cultural and artistic appreciation of dramatic art.  
Outcome 3: Demonstrate basic performance and production skills.

#### Academic Emphasis

A. Required Core Courses (15 units)	Units
THEA 100 Introduction to Theater	3
THEA 105 Culture and Gender in Theater	3
THEA 140 Technical Theater in Production	1 - 3
THEA 110 Technique of Acting	3

and

Three units from one of the following courses:	Units
THEA 152 Theater Production: Young Audiences	0.5 - 3
THEA 153 Musical Theater Production: Repertory	0.5 - 3
THEA 154 Theater Production: Repertory	0.5 - 3
THEA 156 Theater Production: Classical	0.5 - 3
THEA 166 Musical Theater Production: YA	0.5 - 3
THEA 167 Musical Theater Production: Broadway	0.5 - 3
THEA 168 Musical Theater: Contemporary	0.5 - 3
THEA 151 Theater Production: Contemporary	0.5 - 3

B. Restricted Electives (6 units)	Units
THEA 110 Technique of Acting	3

THEA 122 Improvisation	2
THEA 125 Voice, Speech and Text	2
THEA 130 Stage Combat	2
THEA 135 Stage Movement	2
THEA 151 Theater Production: Contemporary	0.5 - 3
THEA 152 Theater Production: Young Audiences	0.5 - 3
THEA 153 Musical Theater Production: Repertory	0.5 - 3
THEA 154 Theater Production: Repertory	0.5 - 3
THEA 215 Acting Shakespeare	2
THEA 220 Professional Acting	2
THEA 244 Fundamentals of Acting	3
THEA 156 Theater Production: Classical	0.5 - 3
THEA 166 Musical Theater Production: YA	0.5 - 3
THEA 168 Musical Theater Production: Contemporary	0.5 - 3
THEA 155 Dance Theater Production	1 - 3
THEA 167 Musical Theater Production: Broadway	0.5 - 3

**Total Units** 21

### Technical Theater Emphasis

<b>A. Required Core Courses (15 units)</b>	<b>Units</b>
THEA 100 Introduction to Theater	3
THEA 105 Culture and Gender in Theater	3
THEA 140 Technical Theater in Production	1 - 3
THEA 244 Fundamentals of Acting	3

and

<b>Three units from one of the following courses:</b>	<b>Units</b>
THEA 152 Theater Production: Young Audiences	0.5 - 3
THEA 153 Musical Theater Production: Repertory	0.5 - 3
THEA 154 Theater Production: Repertory	0.5 - 3

<b>B. Restricted Electives (6 units)</b>	<b>Units</b>
THEA 140 Technical Theater in Production	1 - 3
THEA 141 Stagecraft	3
THEA 142 Intro to Stage Costume and Design	3
THEA 151 Theater Production: Contemporary	0.5 - 3
THEA 152 Theater Production: Young Audiences	0.5 - 3
THEA 153 Musical Theater Production: Repertory	0.5 - 3

**Total Units** 21

### Course Descriptions

<b>THEA 89</b>	<b>0.5 3 UNITS</b>
<b>Theater Arts Academy</b>	
18-108 hours integrated lab; 18-108 hours total	

## 184 College Programs

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**THEA 130** **2 UNITS**

**Stage Combat**

36 hours lecture; 36 hours total

This course introduces the fundamental skills for unarmed combat and swordplay for theater rehearsal and performance.

**CSU, UC**

**THEA 135** **2 UNITS**

**Stage Movement**

36 hours lecture; 36 hours total

Introduction to principles and techniques of theatrical stage movement. Designed to help actors make their bodies more flexible and efficient instruments of expression in performance.

**CSU, UC**

**THEA 140** **1 3 UNITS**

**Technical Theater in Production**

54-162 hours lab; 54-162 hours total

Students will gain practical experience in the application of production responsibilities in any of the following: stage management, house management, construction, scenery, properties, costume, lighting, sound, and running crews.

**CSU, UC**

**THEA 141** **3 UNITS**

**Stagecraft**

36 hours lecture, 72 hours lab; 108 hours total

An introduction

<p><b>THEA 161</b> 1 2 UNITS  <b>Summer Theater Workshop: Comedy</b>  36-72 hours integrated lab; 36-72 hours total  <i>Limitation on Enrollment: Enrollment by audition</i>  Summer Theater Workshop: Comedy is designed for the production of comedic plays to be presented before the campus and community during the summer with full production support.  <b>CSU, UC</b></p>	<p><b>THEA 210</b> 3 UNITS  <b>Intermediate Acting</b>  54 hours lecture; 54 hours total  <i>Prerequisite: THEA 110</i>  This course is a continuation of the study of acting technique and the creation of dramatic roles on an intermediate level. Students continue to refine technique utilizing improvisation, monologues and scripted scenes from realistic and non-realistic plays.  <b>CSU, UC</b></p>
<p><b>THEA 162</b> 1 2 UNITS  <b>Summer Theater Production: Drama</b>  36-72 hours integrated lab; 36-72 hours total  <i>Limitation on Enrollment: Enrollment by audition</i>  Summer Theater Workshop: Drama is designed for the production of dramatic plays to be presented before the campus and community during the summer with full production support.  <b>CSU, UC</b></p>	<p><b>THEA 215</b> 2 UNITS  <b>Acting Shakespeare</b>  36 hours lecture; 36 hours total  This course provides students with a study of the fundamental skills required for gaining employment as an actor on stage and in film as well as other mediums. Course content includes audition techniques, on-camera acting skills, guidance for securing an agent, preparing photographs and resumes, and joining the entertainment unions.  <b>CSU</b></p>
<p><b>THEA 163</b> 1 2 UNITS  <b>Summer Theater Production: Musical</b>  36-72 hours integrated lab; 36-72 hours total  <i>Limitation on Enrollment: Enrollment by audition</i>  Summer Theater Workshop: Musical is designed for the production of musicals to be presented before the campus and community during the summer with full musical and production support.</p>	<p><b>THEA 220</b> 2 UNITS  <b>Professional Acting</b>  36 hours lecture; 36 hours total  This course provides students with a study of the fundamental skills required for gaining employment as an actor on stage and in film as well as other mediums. Course content includes audition techniques, on-camera acting skills, guidance for securing an agent, preparing photographs and resumes, and joining the entertainment unions.</p>
<p><b>THEA 166</b> 0.5 3 UNITS  <b>Musical Theater Production: Young Audiences</b>  18-108 hours integrated lab; 18-108 hours total  <i>Limitation on Enrollment: Enrollment by audition</i>  Musical Theater Production: Young Audiences is designed for the rehearsal and performances of musicals for young audiences with full production support.  <b>CSU, UC</b></p>	<p><b>THEA 244</b> 3 UNITS  <b>Fundamentals of Acting</b>  54 hours lecture; 54 hours total  The exploration and development of acting skills through technique and performance.  <b>CSU, UC</b></p>
<p><b>THEA 167</b> 0.5 3 UNITS  <b>Musical Theater Production: Broadway</b>  18-108 hours integrated lab; 18-108 hours total  <i>Limitation on Enrollment: Enrollment by audition</i>  Musical Theater Production: Broadway is designed for the rehearsal and performance of Broadway musicals with full production support.  <b>CSU, UC</b></p>	
<p><b>THEA 168</b> 0.5 3 UNITS  <b>Musical Theater Production: Contemporary</b>  18-108 hours integrated lab; 18-108 hours total  Musical Theater Production: Contemporary is designed for the rehearsal and performance of contemporary musical with full production support.  <b>CSU, UC</b></p>	



## VITICULTURE AND WINERY TECHNOLOGY

### Division Offices Career Technical Education

#### Division Dean

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#### Faculty

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consult with a Napa Valley College counselor and the Program Coordinator.

\*Satisfies General Education requirement

\*\*Program electives may be selected from the following: VWT 130, 131, 132, 133, 134, 135, 136, 137, 139, 140, 172, 173, 180,

**VWT 139** 1 UNIT**Introduction to North Coast Wines**

18 hours lecture; 18 hours total

*Limitation on Enrollment: Must be at least 21 years of age*

A short introductory course, including history, viticulture practices and winemaking styles of the North Coast districts of California.

Sensory evaluation of representative wines. Laboratory materials fee. Student must be at least 21 years of age.

CSU

**VWT 140** 3 UNITS**Cultural Appreciation of Wine**

54 hours lecture; 54 hours total

*Limitation on Enrollment: Must be at least 21 years of age*

A survey of wine and its role in religion, art, culture and society from pre-history to the modern day. Sensory evaluation of representative

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VWT 157  
The Wines of South America  
18 hours lecture; 18 hours total  
*Limitation on Enrollment:*

1 UNIT

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<p><b>VWT 231</b> <b>3 UNITS</b>  <b>Spring Viticulture Operations</b>  36 hours lecture, 36 hours lab; 72 hours total  Vineyard practices for the winter and spring seasons. Class operates the NVC Student Vineyard, with an emphasis on practical applications of viticulture theory.  <b>CSU</b></p>	<p><b>VWT 272</b> <b>3 UNITS</b>  <b>Fundamentals of Wine Chemistry &amp; Microbiology</b>  54 hours lecture; 54 hours total  Chemistry and microbiology of winemaking, including use of enzymes and yeasts; fermentation management; wine microorganisms; phenols; aging; flavor development.  <b>CSU</b></p>
<p><b>VWT 232</b> <b>3 UNITS</b>  <b>Vineyard Management</b>  54 hours lecture; 54 hours total  Vineyard management practices, including annual plans and budgets; labor management and supervision; crop sale contracts, and legal compliance.  <b>CSU</b></p>	<p><b>VWT 273</b> <b>1 UNIT</b>  <b>Advanced Sensory Evaluation of Wine</b>  18 hours lecture; 18 hours total  <i>Limitation on Enrollment: Must be at least 21 years of age</i>  Advanced topics in wine sensory evaluation including varietal and defect identification, biochemical origin of wine sensory defects, design of sensory experiments and matching wines with food. Materials fee will be assessed. Student must be 21 years of age.  <b>CSU</b></p>
<p><b>VWT 234</b> <b>3 UNITS</b>  <b>Integrated Pest Control for Grapes</b>  54 hours lecture; 54 hours total  Introduction to the theory and practice of integrated pest control in grape growing including biology and control of common insects and disease problems of North Coast vineyards.  <b>CSU</b></p>	<p><b>VWT 275</b> <b>1 UNIT</b>  <b>Winery Compliance and Recordkeeping</b>  18 hours lecture; 18 hours total  Introduction to federal, state and county laws and regulations for California wineries, including bonded winery establishment; winery operation</p>
<p><b>VWT 241</b> <b>3 UNITS</b>  <b>Wine Marketing</b>  54 hours lecture; 54 hours total  <i>Limitation on Enrollment: Must be at least 21 years of age</i>  Introduction to wine marketing methods, to basic approaches to packaging, and the advertising and promotion of wine. Student must be 21 years of age to participate in wine evaluation.  <b>CSU</b></p>	
<p><b>VWT 270</b> <b>3 UNITS</b>  <b>Advanced Winemaking</b>  54 hours lecture; 54 hours total  <i>Limitation on Enrollment: Must be at least 21 years of age</i>  Advanced course in winemaking, including development of winemaking style, experimentation in production practices and enhancement of wine quality. Course provides essential skills for a career in commercial winemaking. Laboratory materials fee. Student must be 21 years of age to participate in wine tasting.  <b>CSU</b></p>	
<p><b>VWT 271</b> <b>3 UNITS</b>  <b>Winery Management</b>  54 hours lecture; 54 hours total  Fundamentals of winery management including the preparation of annual plans and budgets; labor management; legal compliance, and record-keeping.  <b>CSU</b></p>	

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**Total Units** 60

**Notes:** A.S. Degree: All courses as listed. All courses required to complete the major must be completed with a grade of "C" or better. Consultation with the Program Coordinator is required.

**Options**

1. Transfer to a baccalaureate degree granting institution: Consult the catalog of the college or university of your choice and a Napa Valley College counselor for specific requirements.

\*\*ANTH 121, 180; CFS 140, 180; HIST 145, 150, 152; PSYC 128; SPEE 126 will double count for the AS

Degree requirements in Multicultural/Gender Studies and Social Science.

## Certificate

### **Welding Technology Certificate of Achievement**

This is an extensive two year program in all phases of welding: oxyacetylene, semiautomatic MIG & TIG, and submerged arc, as well as stick electrode. Classes must be taken in sequence. A cer-



<p><b>WELD 130</b> <span style="float: right;"><b>3.5 UNITS</b></span>  <b>Welding Technology 1A</b>            54 hours lecture, 90 hours lab; 144 hours total            The first of a two-course sequence which represents WELD 120 (Welding Technology 1). This class will be offered using the same text, method and materials as for Welding Technology 1. Students will need to purchase some safety equipment.  <b>CSU</b></p>	<p><b>WELD 151</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Metal Fabrication 2</b>            36 hours lecture, 54 hours lab; 90 hours total  <i>Prerequisite: WELD 100 or WELD 120 or WELD 130</i>            Second of a two-course sequence in metal fabrication techniques that will enhance the welding student's value to potential employers. Areas covered will include safety, the understanding and use of blueprints, use and care of tools, layout from blueprints, use of jigs and fixtures, use of materials handbooks, and hands-on fabrication of various projects. Students will need to purchase some safety equipment.  <b>CSU</b></p>
<p><b>WELD 131</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Welding Technology 1B</b>            54 hours lecture, 90 hours lab; 144 hours total  <i>Prerequisite: WELD 100 or WELD 120 or WELD 130</i>  <i>Recommended Preparation: WELD 130</i>            The second of a two-course sequence which represents WELD 120 (Welding Technology 1). This class will be offered using the same text, method and materials as for Welding Technology 1.  <b>CSU</b></p>	<p><b>WELD 199</b> <span style="float: right;"><b>1 3 UNITS</b></span>  <b>Independent Study in Welding</b>            54-162 hours lab; 54-162 hours total  <i>Prerequisite: WELD 120, WELD 121, WELD 240, WELD 241 or equivalent coursework</i>            This course can be used by students to complete the requirements for a Certificate and to research, experiment or develop specific</p>
<p><b>WELD 132</b> <span style="float: right;"><b>3.5 UNITS</b></span>  <b>Welding Technology 2A</b>            54 hours lecture, 90 hours lab; 144 hours total  <i>Prerequisite: WELD 100 or WELD 120 or WELD 130</i>  <i>Recommended Preparation: WELD 131, WELD 130</i>            The first of a two-course sequence which represents WELD 121 (Welding Technology 2). This class will be offered using the same text, method and materials as for Welding Technology 2. Students will need to purchase some safety equipment.  <b>CSU</b></p>	
<p><b>WELD 133</b> <span style="float: right;"><b>3.5 UNITS</b></span>  <b>Welding Technology 2B</b>            54 hours lecture, 90 hours lab; 144 hours total  <i>Prerequisite: WELD 100 or WELD 120 or WELD 130</i>  <i>Recommended Preparation: WELD 130, WELD 131, WELD 132</i>            The second of a two-course sequence which represents WELD 121 (Welding Technology 2). This class will be offered using the same text, method and materials as for Welding Technology 2. Students will need to purchase some safety equipment.  <b>CSU</b></p>	
<p><b>WELD 150</b> <span style="float: right;"><b>3 UNITS</b></span>  <b>Metal Fabrication 1</b>            36 hours lecture, 54 hours lab; 90 hours total  <i>Prerequisite: WELD 100 or WELD 120 or WELD 130</i>  <i>Recommended Preparation: TECH 102, TECH 107 or equivalent</i>            Course in metal fabrication techniques to improve employable skills of the vocational technical student. Will include safety, the understanding and use of blueprints, use and care of tools, layout from blueprints, use of materials handbooks, hand-on fabrication of various projects, and joining processes. Students will need to purchase some safety equipment.  <b>CSU</b></p>	

**WELD 240** 7 UNITS**Welding Technology 3**

90 hours lecture, 180 hours lab; 270 hours total

*Prerequisite: WELD 100 or WELD 120 or WELD 130*

*Recommended Preparation: WELD 120, WELD 121 or equivalent coursework*

The third semester of Welding Technology continues with the ad-

## WOMEN'S STUDIES

### Division Offices Social Sciences

#### Division Chair

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#### Faculty

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## Certificates

### Integrative Studies in Women and Gender (ISWG) Certificate

This certificate will verify that students have had exposure to academic scholarship about women's experiences, knowledge, and perspectives through time; that they can communicate effectively, think critically, analyze problems creatively, and actively participate in their communities through collaborative work; and

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## NONCREDIT AND COMMUNITY EDUCATION

### Upper Valley Campus

1088 College Avenue  
St Helena, CA 94574  
(707) 967-2900  
(707) 967-2909 (fax)

### Associate Dean, Upper Valley Campus

Judi Watkins  
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### Executive Chef, Napa Valley Cooking School

Barbara Alexander  
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### Assistant Chef, Napa Valley Cooking School

Maggie Chutz  
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(707) 967-2910

### Staff

Sergio Hernandez, Maintenance Specialist

Michele Villante, Administrative Assistant  
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e-mail: [mvillante@napavalley.edu](mailto:mvillante@napavalley.edu)

Joann Stubitsch, Secretary  
(707) 967-2904

**ABEN 654****High School Credit - Science**

This course is designed to meet high school science requirements. This course the sequence of three science courses beginning with La Comunidad Life science (Grade 9) and ending with Earth Science (Grade 12). This course is designed as a part of the ADELANTE summer academic enrichment program for at-risk high school students. Offered by mutual agreement with the Napa Valley Unified School District, the curriculum duplicates existing courses offered by NVUSD, and, where possible, is taught by NVUSD staff instructors using NVUSD adopted materials. The students are pre-tested to determine their entry point into the curriculum sequence and are post-tested upon completion of the six week program to determine eligibility for, high school credits earned. Documentation of units earned will be forwarded to the appropriate high school counselors.

**ABEN 655****High School Credit - English**

This course is designed to meet high school English requirements. This course provided interrelated instruction in literature, composition and language. The focus is to improve oral and written communication of students by using diagnostic-prescriptive teaching, small group instruction and individualized learning materials. This course is designed as a part of the ADELANTE summer academic enrichment program for at-risk high school students. Offered by mutual agreement with the Napa Valley Unified School District, the curriculum duplicates existing courses offered by NVUSD, and, where possible, is taught by NVUSD staff instructors using NVUSD adopted materials. The students are pre-tested to determine their entry point into the curriculum sequence and are post-tested upon completion of the six week program to determine eligibility for high school credits earned. Documentation of units earned will be forwarded to the appropriate high school counselors.

**ABEN 656****High School Credit - Math**

This course is designed to meet high school math requirements. The focus is to improve problem solving, analysis and communication abilities in every day and work-related applications by utilizing diagnostic-prescriptive teaching, small group instruction and individualized learning materials. This course is designed as part of the ADELANTE summer academic enrichment program for at-risk high school students. Offered by mutual agreement with the Napa Valley Unified School District, the curriculum duplicates existing courses offered by NVUSD, and where possible is taught by NVUSD staff instructors using NVUSD adopted materials. The students are pre-tested to determine their entry point into the curriculum sequence and are post-tested upon completion of the 6 week program to determine eligibility for high school credits earned. Documentation of units earned will be forwarded to appropriate high school counselors.

**ABEN 750****English as a Second Language**

This course is designed for students whose primary language is not English. The emphasis will be on understanding English both in conversation and writing.

**ABEN 751****ESL for Health Workers**

A practical course of study for those with limited English language skills who are employed or seeking employment in the health care field.

**ABEN 755****Preparation for College ESL**

This course is designed for non-English-speaking students who are interested in eventually pursuing studies at a college level. The course will help prepare students for Napa College's credit ESL classes. The emphasis is on basic grammar and vocabulary which the student will need to begin to function in a college environment. Literacy in native language is recommended.

**ABEN 800****Citizenship**

This course is designed to help prepare you for the Immigration and Naturalization Services (INS) Interview/Exam. The class will cover topics on U.S. history, federal state and local government, and the structure of our political system. Students will also review frequently asked questions and practice reading and writing English.

**YEDD 800****Reading and Writing Skills**

This course includes instruction in pre-reading skills, word analysis, vocabulary development, reading comprehension, oral and silent reading handwriting and spelling with primary emphasis on the application of these skills to real life situations. Instruction is individualized according to the needs and abilities of each student and includes one-to-one sessions, group activities, independent study and occasional field trips to provide opportunities to apply survival reading skills to the real world.

**YEDD 820****Basic Math Concepts**

Following diagnostic testing each student is independently placed in an appropriate math unit. Once placed, the student works on an individual basis toward the goal of being able to use the math concepts to function and serve in society. Units include money management, time management and basic operational skills.

**YEMD 860****Basic Living Skills/Community Living Skills**

This course is designed to facilitate community adaptation for a group of chronically mentally ill adults. A range of topics will be presented in a discussion format. Topics will include such things as money management, cooking, using public transportation, basic communication skills, developing self-esteem and others.

**YEMD 870****Basic Cooking and Kitchen Management**

General Baking Instruction A. Following written instruction/recipes: 1. Proper measurements, 2. Proper equipment use, 3. Terminology; Generalized Baking Technique B. Proper kitchen procedure

**YEPL 954****Expressive Arts**

This course will explore the therapeutic value of self-expression through visual art experiences. A variety of media and techniques

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