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TRANSFER INFORMATION

Many of our students transfer to a four-year college or university after completing lower division courses at DVC. DVC has consistently been among the community colleges that transfers the most students to the University of California and to the California State University systems.

The key to our students’ success is that they understand which transferable courses are required:

- for admissions for their major;
- for general education at their chosen four-year college.

The requirements to transfer can be complex and necessitate that students seek strong advising to be assured the courses in which they enroll meet all their transfer college’s requirements. Students are strongly encouraged to work with our counselors to plan their class schedules. This planning ensures that students complete needed courses at DVC in a timely manner and can reduce the time needed at the four-year college to attain a bachelor’s degree.

Each four-year institution has its own basic pattern of lower-division requirements regarding both general education and specific majors. CSU and UC applicants must also meet admission, major, prerequisite, and transferable unit requirements. These requirements vary from college to college and often change from year to year. Therefore, in addition to using counseling services, students are also encouraged to take advantage of information available in the Career, Employment and Transfer Center, counseling, on college and university websites, in print materials, from college representatives, and in our workshops.

Transfer to the California State University (CSU)

To transfer as a junior to CSU, students must complete all of the following:

- at least 60 CSU-transferable units with a 2.0 grade point average (2.4 for non-residents);
- at least 30 of those units must be GE courses from the IGETC or CSU GE requirements (listed as General Education Options 2 and 3 at the end of this chapter of this catalog);
- courses in Oral Communication, Written Communication, Critical Thinking and Mathematics/Quantitative Reasoning must all be completed with grades of “C” or higher. (Areas A and B4 from the CSU GE requirements or Areas 1 and 2 from IGETC).

CSU-transferable courses

CSU-transferable courses are designated in the course descriptions of this catalog. This information is also available at www.assist.org.

Impacted majors

The term impacted means that the program usually attracts many more applicants than it can accept. Consequently, there are special requirements and selection procedures for admission. Sometimes entire campuses such as Cal Poly San Luis Obispo and San Diego State University are impacted and all majors there require more than the minimum requirements for admission.

Impacted majors at individual CSU campuses can vary from year to year. Some examples of impacted majors are business administration and nursing.
Students should refer to the specific CSU campus web site or www.assist.org or www.csumentor.edu for current information regarding impacted majors. Students are encouraged to meet with a counselor to determine if the major they are considering is impacted and what additional requirements are necessary to transfer.

**CSU General education requirements (CSU GE)**
Completion of the pattern of courses listed as General Education Option 3 on page 56 ensures that students will have completed all of their lower division general education courses towards their bachelor’s degree at CSU. After a student has completed this pattern, he or she must request certification of its completion. With this certification, students will be responsible only for an additional nine upper division semester units in general education.

The current list of courses approved for meeting CSU GE is available in the DVC Counseling Center or at www.assist.org. See page 58 for more information about the pattern of courses listed as general education Option 3.

Students may choose to complete the IGETC pattern of courses rather than CSU GE for CSU. This will have the same benefit as certification in CSU GE.

Reminder: Students must request that the CSU GE certification be sent to the CSU campus that they will be attending. Complete the CSU GE or IGETC certification request form at the DVC Admissions and Records Office.

**Intersegmental General Education Transfer Curriculum (IGETC)**
The IGETC is a general education pattern that community college transfer students can use to fulfill lower-division general education requirements for the CSU or many colleges in the UC system without the need to take additional lower-division general education courses after transfer. It is designed for use by California community college students. Students who have attended a CSU, UC, independent or out-of-state college or university should consult with a counselor to determine if the use of IGETC is appropriate to reach their goal.

IGETC is not right for all students planning to transfer. The IGETC is only one way to fulfill the lower-division general education requirements of the UC or CSU. It is not recommended for certain majors and some schools or colleges within UC do not accept IGETC. Students pursuing majors that require extensive lower-division major preparation may not find the IGETC option to be advantageous and may be better served by taking courses that fulfill the general education requirements of the UC or CSU college to which they plan to transfer. The IGETC will probably be most useful for students who want to keep their options open before making a final decision about transferring to a particular CSU or UC campus or a particular major. It is recommended that the entire IGETC pattern be completed prior to transfer. If a student does not complete all the general education requirements of the IGETC with a grade of “C” or higher before transferring, he/she will be subject to the regulations regarding general education requirements of the school or college of the campus to which he/she has been admitted.

The current list of courses approved for meeting IGETC is available in the DVC Counseling Center or at www.assist.org. Please see page 54 for information about the pattern of courses listed as general education Option 2.

Reminder: Students must request that the IGETC certification be sent to the four-year campus that they will be attending. Complete the IGETC certification request form at the Admissions and Records Office.

**Transfer to the University of California (UC)**
To transfer as a junior to UC students must complete 60 semester units of UC transferable college credit with a grade point average of at least 2.4 (2.8 for non-residents) including:

- two UC transferable college courses (three semester units each) in English composition; and
- one UC transferable college course (three semester units) in mathematical concepts and quantitative reasoning; and
- four UC transferable college courses (three semester units each) chosen from at least two of the following subject areas: the arts and humanities, the social and behavioral sciences, and the physical and biological sciences.

All of the above courses must be completed with grades of “C” or higher.

Course requirements vary from one UC campus to the next. Therefore, students should work with a counselor to formulate a strategy for completing a particular campus’s admissions requirements, major requirements, and general education requirements.
Letter graded and Pass (P) units
No more than 14 of the UC transferable units may be graded “P”. All courses required in a major must be taken for a letter grade. Contact a counselor for complete information.

UC-transferable courses
UC-transferable courses are designated in the course descriptions of this catalog. This information is also available at www.assist.org.

Selection for admission to UC
Many campuses of the University of California receive many more applicants to a particular major or program than it can accept. Consequently, there may be certain course requirements, special selection procedures and a higher grade point average requirement than the minimum 2.4 GPA admission requirement for UC transfers (2.8 GPA for non residents). Students interested in transferring to UC are urged to consult with a counselor as soon as possible in order to determine the current requirements for the major to which they plan to apply. Knowledge of these requirements will maximize a student’s chances of being selected by the UC campus of their choice.

Selective majors at the UC campuses vary from year to year. Refer to the specific campus website for current information on impacted majors. Information is also available at www.assist.org.

UC special admissions programs (TAG agreement)
The following UC campuses offer agreements that guarantee DVC students admission as transfer students provided they complete certain courses with a designated grade point average: Davis, Irvine, Merced, Riverside, Santa Barbara and Santa Cruz. The admission agreements offered by these campuses vary according to their requirements. Contact a counselor for complete information.

Transfer to independent (private) and out-of-state colleges and universities
Each year many DVC students go on to pursue their fields of interest and earn their degrees at private four-year institutions. Admission requirements and general education requirements vary from college to college. DVC has articulation agreements with a limited number of independent colleges and universities in the area and out-of-state. These can be obtained through the DVC Counseling Center. Some independent and out-of-state colleges and universities will accept IGETC and CSU GE to fulfill lower-division general education requirements. To make transfer to an independent or out of state college or university as smooth as possible, students are advised to contact the school directly early in their academic career to inquire about their admissions and general education requirements.

DVC ASSOCIATE DEGREES
DVC offers associate degrees in arts and science. These degrees are comprised of specific general education, major requirements and elective opportunities.

Goals of DVC’s associate degrees
The goals of DVC’s associate degrees are:
- the development of college-level skills;
- the acquisition of basic principles in the major disciplines and methods of discovery and problem solving;
- the formation of insights from several disciplines in order to make better-informed decisions;
- an appreciation of our multicultural heritage;
- an understanding of the values we hold so that we may use them to examine and guide our life choices.

Associate degree general information
The completion of the associate in arts or science degree provides students with strong academic skills and a broad, in-depth, general education. Students may explore their interests by selecting from different majors and electives as well as completing required general education courses. Associate degrees are college and state approved and accredited programs.

Non degree applicable courses
Units from courses numbered below 100 cannot be applied to the degree. Non degree applicable course grades will not be included in calculating GPA for a degree.

Note: Only one of ENGL-116 or 118 may be applied to the associate degree. MATH-111 is non degree applicable.

Meet with a counselor
It is very important to consult with a counselor before selecting courses. Counselors help students discover and examine all their available choices including determining whether there are courses whose requirements the student may have already met and initiating appropriate procedures to transfer credit or substitute coursework.

Graduation
It is the student’s responsibility to file a petition for AA/AS degree by the deadline during the term in which he/she plans to complete the requirements. Diplomas are mailed at the end of each term. Please allow for 6-8 weeks processing time. Graduation ceremonies are held annually at the end of spring term.
Catalog rights and continuous enrollment for degrees and certificates
The college catalog specifies the requirements to earn a degree or certificate. The requirements in a specific academic year’s catalog are the student’s contract (catalog rights) with the college and that catalog defines what the student must complete to earn a degree or certificate.

Students may follow the catalog requirements that were in effect for the academic year when their attendance began at Diablo Valley College or follow the catalog requirements in effect during subsequent years of attendance provided that continuous enrollment has been maintained. Effective fall 2009, continuous enrollment is defined as enrollment in at least one course at Diablo Valley College, Los Medanos College or Contra Costa College in an academic year (fall, spring, summer). The student must receive a grade or notation on their transcript of “A,” “B,” “C,” “D,” “F,” “P,” “NP,” “I” or “W” for the course. This continuous enrollment policy applies to students who are new, returning or continuing. If a student breaks continuous enrollment, s/he will be granted catalog rights to the catalog in effect when s/he re-enrolls or applies for the degree or certificate.

Students completing a degree may choose a general education pattern under one academic year and major program requirements from a different academic year. The academic year(s) chosen must be declared on the application for the degree. Students who are not in continuous enrollment and do not re-enroll may petition for a degree or certificate but are subject to the catalog requirements in effect at the time of petition. The college reserves the right to change catalog rights or program requirements based upon legal mandate and accreditation standards at any time.

Catalog rights do not apply to CSU GE or IGETC certification. Students must follow the CSU GE or IGETC pattern in effect when they petition for certification. Courses used for certification must be on the approved list at the time they are completed.

Associate degrees for transfer
California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a clear pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or 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 their community college 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 or 90 quarter units.

To view the most current list of Diablo Valley College associate degrees for transfer and to find out which CSU campuses accept each degree, please go to www.sb1440.org. Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

ASSOCIATE DEGREE REQUIREMENTS FOR STUDENTS ENTERING FALL 2014
To be awarded the associate degree students must meet the following requirements:

1. **Degree requirements**
   A student is eligible for graduation with the associate in arts or associate in science degree after the satisfactory completion of a minimum of sixty (60) units of degree applicable coursework with a grade point average of 2.0 (C) or higher. At least 12 units of degree applicable coursework must be earned at DVC.

2. **Major/area of emphasis requirements**
   This requirement is satisfied by completing the courses listed as the major under various disciplines in the college catalog.

3. **General education requirements**
   Students may complete one of the three different general education patterns. General education Option 1 (DVC GE is recommended for students who do not intend to transfer. Some courses may apply towards Option 2 and Option 3. Students intending to transfer to four-year institutions are advised to select Option 2 (IGETC) or Option 3 (CSU GE)

   Option 1 – Diablo Valley College general education; 18 units of general education courses from areas I-IV.

   Option 2 – IGETC – Intersegmental General Education Transfer Curriculum

   Option 3 – CSU GE – California State University General Education
Option 1 DVC general education philosophy statement

A. English composition
In English composition, students will be able to compose coherent essays that demonstrate their ability to advance their own ideas and engage meaningfully with other sources. Through reading and critical thinking, students will learn to express their own opinions and use a variety of rhetorical strategies.

Students will be able to:
- write an essay of several paragraphs developing a central idea;
- use written and spoken language to communicate effectively;
- apply principles of critical thinking to reading and writing;
- identify the primary elements of an argument and determine their validity;
- discuss and analyze how meaning is created in works of fiction and non-fiction.

B. Communications and analytical thinking
Students will appreciate and use principles of communication and analytical thinking in whatever symbol system the student uses, such as mathematics, computer science, or written or spoken language.

Students will be able to:
- demonstrate logical and analytical thinking;
- express concepts clearly and precisely;
- critically evaluate the expression of concepts in a variety of forms

C. Mathematics comprehension
Students will understand mathematical abstraction and the use of mathematical symbols. They will be able to apply principles of mathematics leading toward an understanding and appreciation of the power and relevance of mathematics.

Students will be able to:
- recognize and examine mathematical relationships in the form of equations, graphs, and tables;
- apply mathematical methods to solve quantitative problems in the sciences, in their vocations, and in their daily lives as citizens and consumers;
- use appropriate technology to help solve mathematical problems.

II. Natural sciences
Students will recognize humans as seekers of fact and makers of meaning through abstraction and generalization.
By studying disciplines within biological and physical sciences, students will be able to:
- explain the basic concepts of biological and/or physical sciences;
- interpret and criticize information from a variety of sources to distinguish between opinions based upon preconception and controlled scientific experiments;
- solve problems in a wide range of contexts utilizing scientific methods.

III. Arts and humanities
Students will be able to evaluate the human experience as it is reflected and shaped by the arts and humanities.

Students will be able to:
- utilize an integrated and analytical approach to the study of art, humanities, languages, theater, film, literature and music within historical, political, and sociological contexts;
- critically examine the relationships between the ways people from different times and cultures live and the arts forms they create;
- evaluate aesthetic and cultural ideas and ethical standards by engaging the arts and humanities.

IV. Social and behavioral sciences
Students will better understand the cultural and social organizations in which they live as well as those of other human societies. Students will also be able to employ the scientific methodologies through which society and the greater world are examined and understood.

By studying disciplines within social and behavioral sciences, students will be able to:
- demonstrate an understanding of the complexity of social and behavioral phenomena;
- evaluate the scope and functions of social institutions;
- interpret and critically analyze information from a variety of sources to distinguish between generalizations based on preconceptions and those based on research.
## Diablo Valley College
### General Education Requirements - Option 1
#### Effective Fall 2014 through Summer 2015

**NOTE:** Subject to change. See a counselor for more information.

**Associate in Arts / Associate in Science**

The requirements listed on this worksheet are those in effect for 2014-2015. A student remaining in continuous enrollment at Diablo Valley College, Contra Costa College, or Los Medanos College may elect to meet the graduation requirements in effect at the college from which the student will graduate either at the time the student first enrolled or any subsequent year of continuous enrollment. Continuous enrollment is maintained when a student receives an A, B, C, D, F, P, NP, I or W at DVC, CCC, or LMC in at least one class in each academic year (fall or spring or summer).

### Basic Degree Requirements:

- 18 units of general education courses from Areas I through IV.
- Satisfactory completion of a minimum of **sixty (60)** units of degree-applicable coursework. Courses numbered below 100 are non-degree applicable.
- English 116, 118 combined: maximum credit, one course.
- Overall grade point average of 2.0 (C) or higher in degree-applicable coursework. Note: Some majors may require a higher grade point average in major coursework. See catalog.
- At least 12 units of degree-applicable coursework earned at Diablo Valley College.
- Major requirements as listed in the catalog or addendum.

See a counselor or DVC catalog page 20 for use of AP, CLEP or IB exams to meet these requirements.

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<table>
<thead>
<tr>
<th>I.</th>
<th>LANGUAGE AND RATIONALITY</th>
<th>C</th>
<th>IP</th>
<th>N</th>
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</thead>
<tbody>
<tr>
<td>A. English Composition</td>
<td>English 122 with a grade of &quot;C&quot; or higher</td>
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<tr>
<td>B. Communications and Analytical Thinking</td>
<td>Complete one course: Business 240, 250, 255</td>
<td>3-5</td>
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<td></td>
<td>Complete one course: Communication Studies 121, 123</td>
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<td></td>
<td>Computer Science 100, 110, 165, 255</td>
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<td></td>
<td>English 123, 126</td>
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<td></td>
<td>History 122</td>
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<td></td>
<td>Mathematics 124, 135, 135SP, 142, 144, 181, 182, 183, 191, 192, 193, 194, 195, 292, 294</td>
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<td></td>
<td>Philosophy 130, 170</td>
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<td></td>
<td>Psychology 145</td>
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<td>Sociology 122</td>
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<td></td>
<td>Math courses used to fulfill this requirement also meet course requirement in Area I.C. Mathematics Comprehension.</td>
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<tr>
<td>C. Mathematics Comprehension</td>
<td>1. Complete one of the following courses with a grade &quot;C&quot; or higher, or transfer credit for an equivalent course from another accredited college or university.</td>
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<tr>
<td></td>
<td>Complete one of the following courses with a grade &quot;C&quot; or higher, or transfer credit for an equivalent course from another accredited college or university.</td>
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<tr>
<td></td>
<td>Business 240</td>
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<td>OR</td>
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<td></td>
<td>Engineering 111</td>
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<td>OR</td>
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<td></td>
<td>Mathematics 114, 120, 120SP, 121, 124, 135, 135SP, 142, 144, 181, 182, 183, 191, 192, 193, 194, 195, 292, 294</td>
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<td>OR</td>
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<td>2. Satisfy one of the following:</td>
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<td></td>
<td>Receive a &quot;C&quot; grade or higher in both semesters of a high school Algebra II course.</td>
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<td></td>
<td>Score at least 520 on the SAT Math test.</td>
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<td></td>
<td>Score 24 or above on the math section of the ACT test.</td>
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<td>OR</td>
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### DVC general education requirements—option 1

**Legend:**  
C = Completed; IP = In Progress; N = Need

<table>
<thead>
<tr>
<th>II.</th>
<th>NATURAL SCIENCES</th>
<th>3-5</th>
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<tbody>
<tr>
<td>Complete one course:</td>
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<tr>
<td>Anthropology 115, 140</td>
<td>Chemistry 106, 108, 109, 120, 121, 226, 227</td>
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<tr>
<td>Astronomy 110, 120, 128</td>
<td>Geography 120, 140</td>
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<tr>
<td>Biological Science 101, 102, 107, 116, 117, 119, 120, 126, 130, 131, 139, 140, 146, 161, 162, 170, 171</td>
<td>Geology 120, 121, 125</td>
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<td></td>
<td>Oceanography 101, 102</td>
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<td></td>
<td>Physical Science 112</td>
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<td></td>
<td>Physics 110, 113, 120, 121, 129, 130, 230, 231</td>
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<tr>
<th>III.</th>
<th>ARTS AND HUMANITIES</th>
<th>3-5</th>
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<tr>
<td>Complete one course:</td>
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<tr>
<td>Arabic 121</td>
<td>Film 140, 160, 180, 280, 281, 282, 283, 284</td>
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<td>Architecture 156, 157, 158, 160, 165</td>
<td>French 121, 220, 221, 230, 231</td>
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<td>Art 151</td>
<td>German 121, 220, 221, 230, 231</td>
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<td>Art Digital Media 214</td>
<td>History 120, 121, 124, 125, 126, 127, 128, 129, 135, 136, 140, 141, 150, 151, 170, 171</td>
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<tr>
<td>Broadcast Communication Arts 260</td>
<td>Italian 121, 220, 221, 230, 231</td>
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<td>Chinese 121, 220, 221</td>
<td>Japanese 121, 220, 221</td>
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<tr>
<td>Dance 201</td>
<td>Music 110, 112, 114, 115, 116, 117, 118</td>
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<td>Drama 139, 140, 141, 142, 180, 181</td>
<td>Persian 121</td>
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<tr>
<td>English 150, 151, 152, 153, 154, 162, 163, 164, 166, 167, 168, 170, 172, 173, 175, 176, 177, 180, 190, 252, 253, 262, 263, 272, 273</td>
<td>Philosophy 120, 122, 140, 141, 220, 224, 225</td>
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<td>Russian 121, 220, 221</td>
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<td></td>
<td>Sign Language 282, 283</td>
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<td></td>
<td>Spanish 121, 220, 221, 230, 231</td>
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<tr>
<th>IV.</th>
<th>SOCIAL AND BEHAVIORAL SCIENCES</th>
<th>3</th>
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<tbody>
<tr>
<td>Complete one course:</td>
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<tr>
<td>Administration of Justice 120</td>
<td>History 120, 121, 124, 125, 126, 127, 128, 129, 135, 136, 140, 141, 150, 151, 170, 171</td>
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<tr>
<td>Anthropology 120, 125, 130, 135</td>
<td>Journalism 110</td>
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<tr>
<td>Broadcast Communication Arts 140</td>
<td>Political Science 120, 121, 151, 220, 240, 250</td>
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<tr>
<td>Economics 101, 200, 220, 221</td>
<td>Social Science 110, 111, 120, 123, 220</td>
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<tr>
<td>Engineering 130</td>
<td>Sociology 120, 121, 123, 124, 125, 131, 135</td>
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<tr>
<td>Geography 130, 135</td>
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<tr>
<td>Health Science 127, 130, 140, 164, 170</td>
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</table>

**General Education**  
Additional courses may be necessary to complete the minimum of 18 units required for the Associate degree. Additional courses to be selected from Areas I B through IV.

**Major / Area of Emphasis**  
This requirement is satisfied by completing the courses listed as the major/area of emphasis under various disciplines in the DVC catalog.

**Electives**  
Elective courses may be necessary to complete the minimum of 60 degree-applicable units required for the Associate degree. Any degree-applicable course may be selected as an elective.

**Total units required for AA/AS degree**  
60

Full completion of IGETC (Option 2) or CSU GE (Option 3) may also be used in place of this pattern of courses.
**IGETC for CSU or UC**

*Option 2 for DVC AA/AS GE*

Diablo Valley College  
*Intersegmental General Education Transfer Curriculum*  
*Effective Fall 2014 through Summer 2015*

**NOTE:** Subject to change. See a counselor for more information.

Upon completion of this pattern of courses, DVC will certify that a student's lower division general education requirements are completed for any of the 23 CSU or 9 UC campuses. Certification is not automatic; you must request certification with your final transcript at the DVC Admissions and Records Office. Courses used for IGETC must be completed with a minimum grade of 'C' or higher.

To transfer as a junior, you must complete at least 60 CSU or UC-transferable units. IGETC is not recommended for all majors. See www.assist.org or meet with a counselor.

You may also view IGETC FAQ’s at www.dvc.edu/counseling.

See a counselor or DVC catalog page 20 for use of AP and IB exams to meet these requirements.

---

**Legend:**  
- **C** = Completed  
- **IP** = In Progress  
- **N** = Need

### AREA 1 - ENGLISH COMMUNICATION

<table>
<thead>
<tr>
<th></th>
<th>CSU - 3 courses required, 1 each from Group A, B, and C.</th>
<th>UC - 2 courses required, 1 each from Group A and B.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A. English Composition</strong></td>
<td>1 course, 3 semester units</td>
<td>English 122</td>
</tr>
<tr>
<td><strong>B. Critical Thinking - English Composition</strong></td>
<td>1 course, 3 semester units</td>
<td>Communication Studies 121+ Philosophy 130</td>
</tr>
<tr>
<td></td>
<td>English 123, 126</td>
<td>English 123, 126</td>
</tr>
<tr>
<td></td>
<td>History 122</td>
<td>Sociology 122</td>
</tr>
<tr>
<td><strong>C. Oral Communication - CSU REQUIREMENT ONLY (not required by UC)</strong></td>
<td>1 course, 3 semester units</td>
<td>Communication Studies 120, 130</td>
</tr>
<tr>
<td></td>
<td>Business 240+</td>
<td>Math 124, 135+, 135SP+, 142+, 181, 182+, 183+, 191+, 192+, 193+, 194, 195, 292, 294</td>
</tr>
</tbody>
</table>

### AREA 2 - MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING

- 1 course, 3 semester units
  - Business 240+
  - Math 124, 135+, 135SP+, 142+, 181, 182+, 183+, 191+, 192+, 193+, 194, 195, 292, 294

### AREA 3 - ARTS AND HUMANITIES

- One Arts course, one Humanities course, and one course from either Arts or Humanities, 9 semester units.

#### A. Arts Courses

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Architecture 156, 157, 158</td>
<td>Dance 201</td>
</tr>
<tr>
<td>Art 151</td>
<td>Drama 139, 140, 141, 142, 180, 181</td>
</tr>
<tr>
<td>Art Digital Media 214</td>
<td>Film 140, 160, 180+, 280, 281+, 282, 283, 284</td>
</tr>
<tr>
<td>Art History 193, 195, 196, 197, 199</td>
<td>Music 110, 112, 114, 115, 116, 117, 118</td>
</tr>
</tbody>
</table>

#### B. Humanities Courses

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Arabic 121</td>
<td>History 120+, 121+, 124, 125, 126, 127+, 128+, 129, 135, 136, 140, 141, 150, 151, 170+, 171+</td>
</tr>
<tr>
<td>Broadcast Communication Arts 260</td>
<td>Italian 121, 220, 231, 230, 231</td>
</tr>
<tr>
<td>Chinese 121, 220, 221</td>
<td>Japanese 121, 220, 221</td>
</tr>
<tr>
<td>English 150, 151, 152+, 153, 154, 162, 163, 164, 166, 167, 168, 170, 172, 173, 175, 176, 177, 180, 190, 252, 253, 262, 263, 272, 273</td>
<td>Persian 121</td>
</tr>
<tr>
<td>French 121, 220, 221, 230, 231</td>
<td>Philosophy 120, 122, 140, 141, 220, 224, 225</td>
</tr>
<tr>
<td>German 121, 220, 221, 230, 231</td>
<td>Russian 121, 220, 221</td>
</tr>
<tr>
<td>Music 110, 112, 114, 115, 116, 117, 118</td>
<td>Sign Language 282, 283</td>
</tr>
<tr>
<td>Spanish 121, 220, 221, 230, 231</td>
<td>Spanish 121, 220, 221</td>
</tr>
</tbody>
</table>

### AREA 4 - SOCIAL AND BEHAVIORAL SCIENCES

- At least 3 courses, 9 semester units. Courses must be chosen from at least two disciplines.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Administration of Justice 120</td>
<td>History 120+, 121+, 124, 125, 126, 127+, 128+, 129, 135, 136, 140, 141, 150, 151, 170+, 171+</td>
</tr>
<tr>
<td>Anthropology 120, 125, 130, 135</td>
<td>Journalism 110</td>
</tr>
<tr>
<td>Broadcast Communication Arts 140</td>
<td>Political Science 120, 121, 151, 220, 240, 250</td>
</tr>
<tr>
<td>Early Childhood Education 124</td>
<td>Psychology 101, 122, 130, 140, 141, 160, 190, 200, 220, 225, 230, 240 (same discipline as Early Childhood Education)</td>
</tr>
<tr>
<td>Economics 101+, 200+, 220, 221</td>
<td>Social Science 110, 111, 120, 123+, 220</td>
</tr>
<tr>
<td>Engineering 130</td>
<td>Sociology 120, 121, 123, 124, 125, 131, 135 (same discipline as Administration of Justice)</td>
</tr>
<tr>
<td>Geography 130, 135</td>
<td></td>
</tr>
<tr>
<td>Health Science 127+, 130, 140, 164, 170+</td>
<td></td>
</tr>
</tbody>
</table>
IGETC for CSU – intersegmental general education transfer curriculum-option 2

Legend:  C = Completed; IP = In Progress; N = Need

<table>
<thead>
<tr>
<th>AREA 5 – PHYSICAL AND BIOLOGICAL SCIENCES</th>
<th>C</th>
<th>IP</th>
<th>N</th>
</tr>
</thead>
</table>

At least 2 courses, one Physical Science course and one Biological Science course; at least one of the courses must include a laboratory; 7-9 semester units.  Laboratory must be taken with a matching lecture course.

A. Physical Science Courses - Courses with a laboratory component are underlined.

- Astronomy 110+ (add Astronomy 130 for lab), 120+ (add Astronomy 130 for lab), 128+
- Chemistry 106+, 108+, 109+, 120, 121, 226, 227
- Geology 120, 121, 140, 141

- Oceanography 101, 102
- Physical Science 112+
- Physics 110+, 111+, 113, 120+, 121+, 129+, 130+, 230+, 231+

B. Biological Science Courses - Courses with a laboratory component are underlined.

- Anthropology 115 (no lab), 140 (add Anthropology 141L for lab)
- Biological Science 101+, 102+, 107, 116+, 117+, 119+, 120+, 126, 130, 131, 132+, 140+, 146+, 161, 162, 170+, 171+

C. Laboratory must be taken with matching lecture course.

One course underlined in Area 5A or 5B.

<table>
<thead>
<tr>
<th>AREA 6 – LANGUAGE OTHER THAN ENGLISH – UC REQUIREMENT ONLY (not required by CSU)</th>
<th>C</th>
<th>IP</th>
<th>N</th>
</tr>
</thead>
</table>

Students shall demonstrate proficiency in a language other than English by completing ONE of the following:

1. Two years of high school study in the same language.  Two years of high school study in American Sign Language (ASL).  (Please submit official transcript to DVC Admissions Office).
2. One of the following:  Arabic 120; Chinese 120; French 120; German 120; Italian 120; Japanese 120; Persian 120; Russian 120; Sign Language 281; Spanish 120.  (This requirement can be validated by more advanced course.)
3. Satisfactory score in the SAT II:  Subject Test in languages other than English.  (See counselor for required scores.)
4. Score of 3 or higher on the AP exams in languages other than English.
5. Score of 5 or higher on the International Baccalaureate Higher Level Exams in languages other than English.
6. Language other than English "O" level exam with a grade of "C" or higher.
7. Language other than English International "A" Level exam with a grade of "C" or higher.
8. Satisfactory completion of a proficiency test administered by a community college, university or other college in a language other than English.
9. Satisfactory completion with "C" grades or higher, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.  Appropriate documentation of attendance at the secondary school must be presented to DVC Admissions and Records Office.

CSU Graduation Requirement

U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS REQUIREMENT:  GRADUATION REQUIREMENT ONLY.  The following pair of classes fulfill the US History, Constitution, and American institutions (AH&I) requirement.  This CSU graduation requirement may be fulfilled, but is not required, prior to transfer.  Courses used to fulfill this requirement also meet course requirement in IGETC Areas 3 or 4.  See a counselor or DVC catalog for the use of AP and CLEP examinations to meet this requirement.

One of the following pairs:

- Hist 120 AND Hist 121 OR 124 OR 128 OR 171 OR Polsc 121 OR 151 OR Socsc 111 OR 220
- Hist 121 AND Hist 120 OR 127 OR Polsc 121 OR Socsc 111 OR 120 OR 220
- Hist 124 AND Hist 120 OR 127 OR Socsc 120
- Hist 125 AND Polsc 121 OR Socsc 111 OR 220
- Hist 126 AND Polsc 121 OR Socsc 111 OR 220
- Hist 127 AND Hist 121 OR 124 OR 128 OR 171 OR Polsc 121 OR 151 OR Socsc 111 OR 220
- Hist 128 AND Hist 120 OR 127 OR Polsc 121 OR Socsc 111 OR 120 OR 220
- Hist 129 AND Polsc 121 OR Socsc 111 OR 220
- Hist 170 AND Hist 171 OR Polsc 121 OR Socsc 111 OR 220

Hist 171 AND Hist 120 OR 127 OR 170 OR Polsc 121 OR Socsc 111 OR 220

+ UC credit limits may apply – please see a counselor.

Full completion of this pattern will also fulfill the general education requirements for the DVC AA/AS degree (Option 2).
### CSU GE – California State University general education - option 3

#### 2014-2015

**Diablo Valley College**

California State University General Education (GE) Breadth Requirements

**Effective Fall 2014 through Summer 2015**

**NOTE:** Subject to change. See a counselor for more information.

Upon completion of this pattern of courses, DVC will certify that a student’s lower division general education requirements are completed for any of the 23 campuses within the CSU system. Certification is not automatic; you must request certification with your final transcript at the DVC Admissions and Records Office.

See [www.assist.org](http://www.assist.org) for information specific to your major.

### TO TRANSFER AS A JUNIOR TO CSU YOU MUST:

- Complete at least 60 CSU-transferable units with a "C" average (2.0).
- Complete at least 30 of the 39 units from the GE courses listed below, including one course from each of the following areas:
  - A1, A2, A3 and B4, with grades of "C" or higher.

**NOTE:** A course may be listed in more than one area, but may be used to satisfy only one subject requirement except U.S. History, Constitution and American Ideals.

See a counselor or DVC catalog page 20 for use of AP, CLEP or IB exams to meet these requirements.

**Legend:** C = Completed; IP = In Progress; N = Need

#### A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING - 9 units required.

Students will need a grade of "C" or higher for certification, CSU admission and/or graduation.

- **A1** Oral Communication
  - Communication Studies 120, 130

- **A2** Written Communication
  - English 122

- **A3** Critical Thinking (one course)
  - Communication Studies 121, 123
  - English 123, 126
  - History 122
  - Philosophy 130, 170
  - Psychology 145
  - Sociology 122

#### B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (including Mathematics) - at least 9 units required.

One Physical Science course and one Life Science course, at least one of the courses must include a laboratory.

Courses with a lab component are underlined. At least one mathematics course also required.

- **B1** Physical Science
  - Astronomy 110 (add Astronomy 130 for lab), 120 (add Astronomy 130 for lab), 128
  - Chemistry 106, 108, 109, 120, 121, 226, 227
  - Geography 120 (add Geography 121 for lab), 140 (add Geography 141 for lab)
  - Geology 120 (add Geology 122 for lab), 121 (add Geology 124 for lab), 125
  - Oceanography 107, 109
  - Physics 110 (add Physics 111 for lab), 112

- **B2** Life Science
  - Anthropology 115 (no lab), 140 (add Anthropology 141L for lab);
  - Biological Science 101, 102, 107, 116, 117, 119, 120, 126, 127, 130, 131, 139, 140, 146, 161, 162, 170, 171

- **B3** Laboratory Activity
  - One course underlined in Area B1 or B2 with lecture course as stated above.

#### B4 Mathematics/Quantitative Reasoning (Grade of "C" or higher required for certification.)

- Business 240
- Mathematics 121, 124, 135, 135SP, 142, 144, 181, 182, 183, 191, 192, 193, 194, 292, 294

#### C. ARTS AND HUMANITIES - at least 9 units required.

One Arts course, one Humanities course and one course from either Arts or Humanities.

##### C1 Arts: (Art, Dance, Film, Music, Theater)

- Architecture 120, 121, 130, 156, 157, 158, 160, 165
- Art 151
- Art Digital Media 214
- Art History 193, 195, 196, 197, 199
- Communication Studies 148
- Drama 201
- Dance 201
- Film 140, 160, 180, 280, 281, 282, 283, 284
- Music 110, 112, 114, 115, 116, 117, 118

##### C2 Humanities: (Literature, Philosophy, Foreign Language)

- Arabic 121
- Architecture 160, 165
- Broadcast Communication Arts 260
- Chinese 121, 220, 221
- Drama 142
- English 150, 151, 152, 153, 154, 162, 163, 164, 166, 167, 168, 170, 171, 172, 173, 175, 176, 177, 178, 180, 190, 222, 223, 224, 225, 252, 253, 262, 263, 272, 273
- Film 160
- French 121, 220, 221, 230, 231
- German 121, 220, 221, 230, 231
- History 120, 121, 124, 125, 126, 127, 128, 129, 135, 136, 140, 141, 150, 151, 160, 161, 170, 171
- Italian 121, 220, 221, 230, 231
- Japanese 121, 220, 221
- Persian 121
- Philosophy 120, 122, 140, 141, 160, 220, 224, 225
- Russian 121, 220, 221
- Sign Language 281, 282, 283
- Spanish 121, 220, 221, 230, 231
**D. SOCIAL SCIENCES** – at least 9 units required with courses in at least 2 disciplines (categories).

<table>
<thead>
<tr>
<th>D1 Anthropology and Archaeology</th>
<th>D7 Interdisciplinary Social or Behavioral Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthropology 120, 125, 130, 135</td>
<td>Broadcast Communication Arts 140</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D2 Economics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Economics 101, 200, 220, 221</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D3 Ethnic Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 124, 125, 126, 127, 128, 129, 170, 171</td>
</tr>
<tr>
<td>Psychology 140, 141</td>
</tr>
<tr>
<td>Social Science 115, 120, 220</td>
</tr>
<tr>
<td>Sociology 131, 135</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D4 Gender Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 170, 171</td>
</tr>
<tr>
<td>Social Science 120, 220</td>
</tr>
<tr>
<td>Sociology 124</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D5 Geography</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geography 130, 135</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D6 History</th>
</tr>
</thead>
<tbody>
<tr>
<td>History 120, 121, 124, 125, 126, 127, 128, 129, 135, 136, 140, 141, 150, 151, 160, 170, 171</td>
</tr>
</tbody>
</table>

**E. LIFELONG LEARNING AND SELF-DEVELOPMENT** – at least 3 units required, not all in physical activity. Military service may be used to fulfill this requirement. DD-214 must be submitted to the DVC Admissions and Records Office.

- Career 110
- Counseling 120
- Early Childhood Education 124

**U.S. HISTORY, CONSTITUTION AND AMERICAN IDEALS REQUIREMENT:**

**GRADUATION REQUIREMENT ONLY.** This CSU graduation requirement may be fulfilled, but is not required, prior to transfer. Courses used to fulfill this requirement also meet course requirement in CSU GE Areas C or D. See a counselor or DVC catalog for use of AP and CLEP examinations to meet this requirement.

<table>
<thead>
<tr>
<th>Hist 120</th>
<th>Hist 121</th>
<th>Hist 124</th>
<th>Hist 125</th>
<th>Hist 126</th>
<th>Hist 127</th>
<th>Hist 128</th>
<th>Hist 129</th>
</tr>
</thead>
<tbody>
<tr>
<td>AND</td>
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<td>AND</td>
</tr>
<tr>
<td>Hist 121 OR 124 OR 128 OR 171 OR Polsc 121 OR 151 OR Socsc 111 OR 220</td>
<td>Hist 170 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 171 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 172 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 173 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 174 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 175 OR Polsc 121 OR Socsc 111 OR 220</td>
<td>Hist 176 OR Polsc 121 OR Socsc 111 OR 220</td>
</tr>
</tbody>
</table>

Full completion of this pattern will also fulfill the general education requirements for the DVC AA/AS degree (Option 3).
DVC CAREER/TECHNICAL PROGRAMS

DVC offers more than 30 career/technical programs and over 75 certificates and degrees that provide students with the educational background and training they need to achieve their career goals. By completing a career/technical program, students demonstrate to employers that they have acquired appropriate and up-to-date skills. Changing technology affects the way we live and perform our jobs. Staying on top of these changes is an important priority. DVC's excellent reputation is a distinct advantage to our students as they compete in today’s demanding job market.

Career/technical certificate and degree programs vary in length; most certificate programs require less than two years of full-time study to complete and many programs may be completed on a part-time basis. DVC offers two types of certificates; certificates of achievement and certificates of accomplishment. In many cases, courses completed as part of a certificate program can be applied to a degree program. Only certificates of achievement and associate degrees are recorded on the student’s official transcript.

Students who successfully complete their certificate or degree coursework must apply to the Admissions and Records Office to receive their award. To qualify for a certificate, students must complete at least twenty-five percent of the required courses at DVC. Students must also maintain a grade point average of “C” (2.0) or higher in the certificate’s required courses. Some certificates require a higher grade point average in required courses. See specific program description for details.

Students who would like help in planning for their career or profession should seek the advice of a counselor or program advisor. DVC offers a wide range of educational opportunities and the counseling department is available to help students carefully plan a course of study that takes into consideration personal interests, aptitudes and experiences. Studies show that careful planning will help to ensure students’ college and future success.

A course sequence for CTE programs can be found online at www.dvc.edu/org/programs.
DVC ASSOCIATE DEGREES

AA - Associate in arts degree
AA-T - Associate in arts for transfer
AS - Associate in science degree
AS-T - Associate in science for transfer

Cross listings in parenthesis (see...) refer to location of degree requirements in catalog.

Accounting – AS (see Business Accounting)
Addiction Counseling – AS
Addiction Studies – AS
Administration of Justice – AS
Administration of Justice for Transfer – AS-T
Allied Health – AS (see Biological Science)
Anthropology for Transfer – AA-T
Architecture Design – AS
Architecture Technology – AS
Art (Fine Arts) – AA
Art (Studio Arts for Transfer) – AA-T
Art Digital Media – AA
  Art Digital Media
  Graphic Design
Art History for Transfer – AA-T
Arts and Humanities - AA (see Humanities)
Baking and Pastry – AS (see Culinary Arts)
Biological Science – AS
  Allied Health
  Biology
  Life Science
  Natural Science
Broadcast Communication Arts – AA
Business – AS
Business Accounting – AS
Business Administration for Transfer – AS-T
Chinese (Mandarin) – AA
Civil Design Drafting Technology – AS (see Engineering)
Civil Engineering – AS (see Engineering)
Coaching – AS (see Kinesiology)
Communication Studies for Transfer – AA-T

Computer Information Systems – AS
  Database Management
  Project Management
  Web Graphics
  Web Technology
Computer Network Technology – AS
  Microsoft Windows System Administration
Computer Science – AS
Computer Technical Support – AS
Construction – AS
  Construction and Building Inspection
  Construction and Supervision and Superintendency
  Construction Management
Culinary Arts – AS
Dance – AA
Dental Assisting – AS
Dental Hygiene – AS
Dental Laboratory Technology – AS
Drama – (Technical Theater) – AA
Drama (Theater Arts for Transfer) – AA-T
Early Childhood Education – AS
Early Childhood Education for Transfer – AS-T
Electrical/Electronics Technology – AS
Electrical Engineering and Computer Engineering – AS
Energy Systems – AS
  Photovoltaic
  Solar Thermal
Engineering – AS
  Civil Design Drafting Technology
  Civil Engineering
  Electrical Engineering and Computer Engineering
  Mechanical Design Drafting Technology
  (*INACTIVE)
  Mechanical Engineering
Engineering Technology (Industrial Maintenance Machinist/ Mechanic (mTECH) – AS
English – AA
English for Transfer – AA-T
Environmental Science – AS
Fine Arts – AA (see Art)
DVC associate degrees

Fitness Instruction – AS (see Kinesiology)
French – AA
Geographic Information Systems/
Global Positioning System – AS (see Geography)
Geography – AA
Social/Cultural Geography
Geography – AS
Geographic Information Systems/Global Positioning System
Meteorology
Physical Geography
Geography for Transfer – AA-T
Geology – AS
Geology for Transfer – AS-T
Graphic Design – AA (see Art Digital Media)
Health Education – AS
Heating, Ventilation, Air Conditioning, Refrigeration – AS
History for Transfer – AA-T
Hospitality Studies – AS (see Culinary Arts)
  Baking and Pastry
  Culinary Arts
  Restaurant Management
Humanities (Arts and Humanities) – AA
Industrial Maintenance Machinist/Mechanic (mTECH) – AS
  (see Engineering Technology)
Italian – AA
Japanese – AA
Journalism for Transfer – AA-T
Kinesiology – AS
  Coaching
  Sport and Recreation Management
Kinesiology (Fitness Instruction) – AS
Kinesiology (Sports Medicine/Athletic Training) – AS
Library Technology – AS (INACTIVE*)
  (see Library Studies)
Life Science – AS (see Biological Science)
Mandarin Chinese – AA (see Chinese)
Mathematics for Transfer – AS-T
Mechanical Design Drafting Technology – AS (INACTIVE*) (see Engineering)
Mechanical Engineering – AS (see Engineering)
Meteorology – AS (see Geography)
Microsoft Windows System Administration – AS
  (see Computer Network Technology)
mTECH (Industrial Maintenance Machinist/Mechanic) – AS
  (see Engineering Technology)
Music – AA
Music for Transfer – AA-T
Music Industry Studies – AA
Natural Science - AS (see Biological Science)
Philosophy – AA
Physical Education (see Kinesiology)
Physical Geography – AS (see Geography)
Physics for Transfer – AS-T
Plumbing – AS
Political Science – AA
Political Science for Transfer – AA-T
Psychology for Transfer – AA-T
Respiratory Therapy – AS
Restaurant Management – AS (see Culinary Arts)
Social/Cultural Geography – AA (see Geography)
Sociology for Transfer – AA-T
Spanish – AA
Special Education Paraeducator/Instructional Assistant – AA
Sport and Recreation Management – AS (see Kinesiology)
Sports Medicine/Athletic Training – AS (see Kinesiology)
Steamfitting – AS
Studio Arts for Transfer – AA-T (see Art)
Technical Theater – AA (see Drama)
Theater Arts for Transfer – AA-T (see Drama)

* This Department has placed this degree on INACTIVE status during the completion of necessary curriculum work. While the necessary curriculum evaluation and revision is underway, this degree has been removed from the catalog. The department anticipates that the curriculum revisions needed for a viable program will be completed within two years. Students should be advised that it may not currently be possible to complete the requirements for this degree, although coursework transferred from other schools may allow a student to complete the requirements for the degree. Additionally, students can request course substitutions from the program director and any student either in progress or starting this program should contact the engineering technology program director for advisement.
DVC CERTIFICATES

CA - Certificate of achievement
CACC - Certificate of accomplishment

Cross listings in parenthesis (see...) refer to location of degree requirements in catalog.

Accounting – CA (see Business Accounting)
   Advanced Accounting
   Bookkeeping
   General Accounting
Addiction Counseling – CA
Addiction Studies – CA
Administration of Justice – CA
Administration of Justice – CACC
   Community Relations Specialist
   Correctional Specialist
   Crime Scene Investigator
   Criminal Law Specialist
   Juvenile Counseling
   Patrol Specialist
Advanced ESL Reading and Writing – CACC (see English as a Second Language)
Allied Health – CA (see Biological Science)
Allied Health Fundamentals – CA (see Biological Science)
Arboriculture – CA (see Horticulture)
Architecture Technology – CA
Art – CA
   Ceramics
   Painting and Drawing
   Printmaking
Art Digital Media – CA
   Character Animation
   Digital Audio
   Digital Imaging
   Motion Graphics
   3D Modeling and Animation
   Web Design
Art Digital Media – Foundation – CACC
Baking and Pastry – CA (see Culinary Arts)
Broadcast Communication Arts – CA

Broadcast Communication Arts – CACC
   Basic Digital Field Production
   Basic Studio Production
   Basic Writing for Digital Medium

Business – CA
   Advanced General Business
   Business Marketing
   Business - Transfer
   General Business
   Management and Leadership Studies
   Real Estate
   Small Business Management/Entrepreneurship
   Wealth Management

Business Accounting – CA
   Advanced Accounting
   Bookkeeping
   General Accounting

Business Essentials – CACC (see Business)

Business Information Management – CA
   Office Professional
   Office Professional Essentials – CACC

Business Management – CA
   Management and Leadership Studies (see Business)
   Small Business Management/Entrepreneurship (see Business)

Business Marketing – CA (see Business)

Ceramics – CA (see Art)

Chinese (Mandarin) – CA

Civil Design Drafting Technology – CA (see Engineering)
Civil Drafting CAD – CA (see Engineering)

Coaching – CA (see Kinesiology)

Communication Studies – CA

Computer Aided Drafting and Digital Media for Engineering and Architecture – CACC (see Engineering)

Computer Information Systems – CA
   Computer Information Systems - Core
   Database Management
   Project Management
   Web Graphics
   Web Technology

Computer Information Systems – CACC
   Database Management
   Project Management
   Web Graphics
   Web Technology
DVC certificates

Computer Science – CA
  Advanced C++ Programming
  Advanced Java Programming
  Computer Architecture
  Computer User Support
  Mobile and Enterprise Java Programming
  Program Design
Computer Technical Support – CA
Computer Technical Support - CACC
Construction – CA
  Construction Management
  Construction and Building Inspection
  Construction and Supervision and Superintendancy
CSU GE – CA (see Transfer Studies)
Culinary Arts – CA
  Baking and Pastry
  Culinary Arts
  Restaurant Management
Dental Assisting – CA
Dental Hygiene – CA
Dental Laboratory Technology – CA
Drama – CA
  Technical Theater
Early Childhood Education – CA
  Basic
  Master Teacher
  Site Supervisor
  Teacher
Early Childhood Education – CACC
  Associate Teacher
Electrical/Electronics Technology – CA
  Photovoltaic
  Solar Thermal
Engineering – CA
  Civil Design Drafting Technology
  Civil Drafting, CAD
  Mechanical Design Drafting Technology – (*INACTIVE)
  Mechanical Drafting, CAD – (*INACTIVE)
Engineering – CACC
  Computer Aided Drafting and Digital Media for Engineering and Architecture
Engineering Technology – CA
  Industrial Maintenance Machinist/Mechanic
  (mTECH)
  English as a Second Language - CACC
  Advanced ESL Reading and Writing
  ESL Conversation
  Intermediate ESL Reading and Writing
  ESL Conversation – CACC (see English as a Second Language)
French – CA
Geographic Information Systems/Global Positioning System – CA (see Geography)
Geographic Information Systems/Global Positioning System – CACC (see Geography)
German – CA
Graphic Design – CA (see Art Digital Media)
Group Exercise Instruction – CA (see Kinesiology)
Heating, Ventilation, Air Conditioning, Refrigeration – CA
Heating, Ventilation, Air Conditioning, Refrigeration – CACC
Horticulture – CA
  Arboriculture
  Horticulture Foundations
  Landscape Architecture and Design
  Landscape Construction and Management
  Retail Nursery
IGETC CA (see Transfer Studies)
Industrial Maintenance Machinist/Mechanic (mTECH) – CA (see Engineering Technology)
Intermediate ESL Reading and Writing - CACC (see English as a Second Language)
Italian – CA
Japanese – CA
Kinesiology – CA
  Coaching
  Group Exercise Instruction
  Personal Training
Landscape Architecture and Design – CA (see Horticulture)
Landscape Construction and Management – CA (see Horticulture)
Library Technology – CA (*INACTIVE) (see Library Studies)
Mandarin Chinese – CA (see Chinese)
Mechanical Design Drafting Technology – CA (*INACTIVE) (see Engineering)
Mechanical Drafting CAD – CA (*INACTIVE) (see Engineering)
mTECH (Industrial Maintenance Machinist/Mechanic) – CA (see Engineering)

DVC certificates continued on next page
### DVC certificates

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<td>Painting and Drawing – CA (see Art)</td>
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<td>Personal Training – CA (see Kinesiology)</td>
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<td>Philosophy - CA</td>
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<td>Plumbing – CA</td>
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<td>Plumbing – CACC</td>
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<td>Printmaking - CA (see Art)</td>
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<td>Real Estate– CA (see Business)</td>
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<td>Restaurant Management – CA (see Culinary Arts)</td>
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<td>Special Education Paraeducator/Instructional Asst – CA</td>
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<td>Steamfitting - CA</td>
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<td>Technical Theater – CA (see Drama)</td>
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<td>Transfer Studies – CA</td>
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*This Department has placed this certificate on **INACTIVE** status during the completion of necessary curriculum work. While the necessary curriculum evaluation and revision is underway, this degree has been removed from the catalog. The department anticipates that the curriculum revisions needed for a viable program will be completed within two years. Students should be advised that it may not currently be possible to complete the requirements for this degree, although coursework transferred from other schools may allow a student to complete the requirements for the degree. Additionally, students can request course substitutions from the program director and any student either in progress or starting this program should contact the engineering technology program director for advisement.*