Diablo Valley College Mission Statement
Diablo Valley College is passionately committed to student learning through the intellectual, scientific, artistic, psychological, and ethical development of its diverse student body. Diablo Valley College prepares students for transfer to four-year universities; provides career/technical education; supports the economic development of the region; offers pre-collegiate programs; and promotes personal growth and lifelong learning.

Adopted by the Contra Costa Community College District Governing Board on April 29, 2009
## Table of contents

### 2017-2018 catalog sections

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Changes to</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>chapter one</td>
<td>Changes to GENERAL INFORMATION</td>
<td></td>
</tr>
<tr>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>chapter two</td>
<td>Changes to COLLEGE POLICIES</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Policy changes</td>
<td></td>
</tr>
<tr>
<td>chapter three</td>
<td>Changes to TRANSFER, DEGREES, AND CERTIFICATES</td>
<td></td>
</tr>
<tr>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>chapter four</td>
<td>Changes to PROGRAM AND COURSE DESCRIPTIONS</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course changes</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Course deletions</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>New courses</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>New degrees</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>New certificates</td>
<td>10</td>
</tr>
</tbody>
</table>
NOTE: ALL INFORMATION IN THIS ADDENDUM IS EFFECTIVE FALL 2017 UNLESS OTHERWISE NOTED.

POLICY CHANGES

**strikethrough** = deletion  **underline** = addition

Catalog notice (p.3)
Notice: The information contained in this catalog describes the anticipated programs, courses, rules, regulations, and fees of Diablo Valley College. These are subject to change at any time. The college disclaims liability for any unintended errors in this publication. This catalog sets forth college policies for all college programs and services in accordance with the California Education Code, California Code of Regulations (Title 5), and District and college policies.

Course prerequisites and/or co-requisites (p.17)
Students enrolling in a course with a prerequisite must complete that prerequisite with a “C” grade or higher before they are allowed to register. A course has a prerequisite to ensure that a student has the appropriate body of knowledge to be successful. Courses with a co-requisite require that a student has successfully completed the course in a prior term or is enrolled in the co-requisite course in the same term.

Please note: Dropping a class with a co-requisite will result in a drop from both classes.

If taken at an institution other than DVC, coursework used to meet a prerequisite must be completed at a regionally accredited institution (e.g., colleges, universities, or high schools) as recognized by the U.S. Department of Education. All coursework used from other institutions must be equated to a DVC course. Should it be determined that coursework is not equivalent to a DVC course, a student may opt to challenge the prerequisite by following the prerequisite challenge process.

To see which courses have prerequisites and/or co-requisites see the individual course offerings in the catalog.
Acceptance of transfer credits and alternative credit (p.18)

Transfer of credit and coursework
In order to evaluate for equivalent coursework, DVC accepts transcripts from institutions (e.g., colleges, universities, and high schools) currently recognized by the following regional accrediting organizations as recognized by the U.S. Department of Education: Middle States Association of Colleges and Schools; Commission on Higher Education; New England Association of Schools and Colleges; Commission on Institutions of Higher Education; North Central Association of Colleges and Schools; the Higher Learning Commission; Northwest Commission on Colleges and Universities; Southern Association of Colleges and Schools; Commission on Colleges; Western Association of Schools and Colleges; Accrediting Commission for Community and Junior Colleges; Western Association of Schools and Colleges; Accrediting Commission for Senior Colleges and Universities. DVC also follows the recommendations of the American Association of Collegiate Registrars and Admissions and Records Officers. The official transcript from the other college is required. Students must submit sealed unopened transcripts in person or by mail to the Admissions and Records Office of Diablo Valley College. Students must make a counseling appointment to review the evaluation of their transcripts. The appointment initiates the evaluation of the transcript by admissions and records; therefore, transcripts must be on file with admissions and records a minimum of two weeks prior to the scheduling of the appointment. It is recommended that students complete this process prior to or during their first term of enrollment at DVC.

Students are advised that:

1. Only courses and credit from accredited institutions (e.g., colleges, universities, and high schools) will be considered for transfer to DVC.

2. Upper division courses may be applied to degree, certificate and transfer requirements under the following conditions:
   a. Upper division coursework may be applied to satisfy DVC general education, major, and certificate requirements. A course substitution request form (available online) must be submitted to the Admissions and Records Office.
   b. Upper division coursework may be applied to Intersegmental General Education Transfer Curriculum (IGETC) requirements under the following conditions:
      I. When a University of California (UC) or California State University (CSU) campus has classified a course or series as upper-division but has requested that lower division transfer credit be allowed because an equivalent course is taught at a community college or because the preparation of the subject is desired prior to transfer. Current examples include economics, organic chemistry and abnormal psychology.
   II. When a non-California Community College (CCC) course is determined comparable to one taught and approved for IGETC at a CCC, it may be applied to IGETC regardless of its upper-division status.
   III. When a CSU uses an upper-division course in its “lower division” General Educational pattern.
   c. Upper division coursework may be applied to California State University General Education (CSU GE) requirements under the following conditions:
      I. When an upper-division course is equivalent to a lower-division course used to satisfy a CSU GE requirement.
      II. When CSU uses an upper-division course in their CSU GE pattern.

3. Transfer credit and coursework may be applied towards the requirements of a degree or certificate program. Students are strongly encouraged to make a counseling appointment to determine applicability of courses taken elsewhere towards their program at DVC.

4. When courses completed at other institutions are determined to be equivalent to DVC courses but their unit value varies, students will not be required to “make up” missing units for DVC GE, major and/or certificate requirements. Students are always required to complete a minimum of 18 semester units for both major and general education requirements with three semester units in each GE area and 60 semester units for a degree.

5. Transfer coursework may be used to meet pre-requisites at Diablo Valley College. See the information on prerequisites on page 17.

6. Transfer credit and DVC credit together determine the student’s overall GPA when applied to academic program requirements and financial aid and athletic eligibility. DVC will use plus/minus grades in GPA calculation.

7. Transfer credit from colleges and universities with different credit systems (quarter units) are converted to semester hours of credit.

8. DVC may accept Advanced Placement (AP), International Baccalaureate (IB) and College Level Examination Program (CLEP) scores to meet DVC general education and Transfer Studies certificate of achievement requirements as well as CSU GE and IGETC requirements. See the charts beginning on page 20. Students who wish to have AP, IB or CLEP scores evaluated by DVC must submit official score reports for consideration.
9. Coursework and credits that may transfer will be determined based on an evaluation that may include but is not limited to: course content, objectives, student learning outcomes, units, grades, course level and applicability toward degree, certificate or prerequisite requirements as well as CSU GE and IGETC requirements. Should it be determined that coursework cannot be used for transfer, a student may explore other options (e.g., credit by exam, IGETC Certification in a Language Other than English). Students are encouraged to meet with a counselor to explore all possible options.

10. Foreign transfer credit may be applied toward the 60-unit requirement for the DVC associate degree only after an evaluation by an approved credential evaluation service (for a list see: http://www.naces.org). Students are advised to meet with a counselor and obtain guidelines from DVC admissions and records before requesting such an evaluation. Evaluations must include a course-by-course report with semester unit equivalencies, distinguishing between upper and lower division coursework and including letter grades. Students who wish foreign coursework to be used to meet specific course requirements for prerequisites, DVC majors, general education, or certificate requirements must provide detailed course descriptions. Foreign coursework cannot be used to certify California State University General Education (CSU GE) or IGETC requirements, except for the IGETC Language Other Than English requirement. Transfer of credit policy varies from institution to institution. Transfer of credit policy varies from institution to institution. Students who intend to transfer are advised to review the policy of the receiving institution.

Course substitution (p.19)
Students may petition to substitute coursework completed within the Contra Costa Community College District and at a regionally accredited institution (e.g., colleges, universities, and high schools) as recognized by the U.S. Department of Education to meet DVC degree and certificate requirements. In order to initiate the process, students must submit the Petition for Course Substitution to the DVC Admissions and Records Office. Admissions and Records will forward the Petition for Course Substitution to the appropriate faculty for approval. Course substitutions are used for courses that are not equivalent in content to a program requirement.

Students are advised to meet with a counselor or program advisor to discuss the course substitution option and to complete the petition process well before they plan to apply for a degree or certificate. Students may be approved to substitute a course prior to completing the course. Students petitioning to substitute coursework from outside the district must provide official transcripts from such institutions; it is not necessary to provide documentation to substitute coursework completed within the Contra Costa Community College District.

Only courses and credit from a regionally accredited institution (e.g., colleges, universities, and high schools) as recognized by the U.S. Department of Education will be considered for application to DVC degree and certificate requirements. When courses are substituted and their unit value varies, students will not be required to “make up” missing units for CSU GE, major, and/or certificate requirements. Students are always required to complete a minimum of 18 semester units for major and general education requirements, with three semester units in each area, and 60 semester units for a degree.

For certificate programs, at least twenty-five percent of the required courses must be completed at DVC.

---

**CARER-100 College and Career Readiness I**
1.5 units SC
- 27 hours lecture per term
- **Note: Credit by examination option available**

This course introduces career exploration and is designed to assist students in making career and post-secondary decisions. Topics will include self-exploration, career and life planning, job search skills, and decision-making strategies. CSU

**CARER-101 College and Career Readiness II**
1.5 units SC
- 27 hours lecture per term
- **Note: Credit by examination option available**

This course introduces college readiness and success skills. In addition, students will explore post-secondary education and career options, budget management, and job search basics. CSU

**ELTRN-107 Introduction to Robotics**
2 units SC
- 27 hours lecture/27 hours laboratory per term
- **Student may petition to repeat this course when software or hardware is changed. Only the first course completed will be applied towards a degree or certificate requirement. Units for both courses will apply toward the 60 units required for the degree.**
- **Note: Credit by examination option available**

This course introduces the science and technology involved in robotic systems. Beyond basic science, topics include input and output devices and programmable controllers and programming coding. Working independently or in teams, students will design and build circuits and kinematic structures that sense and interact with their environment. Using simple programming languages, students will work with a variety of microprocessors, including Arduino, Parallax, VEX, Lego, and others. This course prepares students for more advanced studies in robotics and related technologies, such as those used in building control systems and industrial applications. CSU
**COURSE DELETIONS**

- ARCHI-165
- ARCHI-215
- ECE-220
- KINES-264

**NEW COURSES**

*underline* = addition

**NEW COURSES EFFECTIVE SPRING 2018**

**BUSAC-292  Intermediate Accounting II**  
4 units  SC  
• 72 hours lecture per term  
• Prerequisite: BUSAC-282 or equivalent  
This course presents advanced financial accounting principles that builds on the material in BUSAC-282. Topics include accounting for long-term liabilities, stockholders' equity, investing assets, income taxes, leases, pensions, earnings per share, changes and error corrections, revenue recognition, and the statement of cash flows.

**KINES-265  Theory and Strategies of American Football Offense**  
2 units  SC  
• 36 hours lecture per term  
This course presents an overview of the strategies and techniques of American football offense. Topics include terminology, rules, strategies, mental preparation, skills, and methods of implementing the offense.

**KINES-266  Theory and Strategies of American Football Defense**  
2 units  SC  
• 36 hours lecture per term  
This course presents an overview of the strategies and techniques of American football defense. Topics include terminology, rules, strategies, mental preparation, skills, and methods of implementing the defense.

**MUSX-110  History of Electronic Music**  
3 units  SC  
• 54 hours lecture/18 hours laboratory by arrangement by term  
This course presents an overview of the history of electronic music from the late 19th century through the 1960s. Topics include electronic musical instruments, electronic musical technology, new musical styles, the introduction of the synthesizer, and the rise of mainstream electronic music. In addition, students will analyze historically significant works from the experimental art music of the mid-20th century through the popular forms of the 1960s.

**MUSIC-221  Advanced Music Composition**  
3 units  SC  
• 36 hours lecture/18 hours laboratory/36 hours laboratory by arrangement  
• Prerequisite: MUSIC-121 or equivalent  
• Recommendation: MUSIC-122 or equivalent  
This course is a continuation of MUSIC-121. Advanced exercises in listening, reading, and composing are aimed at expanding the students’ awareness of the diversity of modern aesthetics, styles, and techniques.
NEW DEGREES

INDUSTRIAL DESIGN - IDSGN

Associate in science - Industrial design

The associate in science degree in industrial design is offered to provide students with academic and technical skills required for transfer to leading industrial design programs offered at four-year universities. The associate in science degree curriculum also provides students with a highly valued skillset needed to enter the modern workforce.

Graduates of the industrial design program can be employed in research and development, rapid prototyping and fabrication, product design, package design, soft goods design, and transportation design. Students in the program will learn how to design products for consumers and industry, as well as utilize advanced surface modeling software and milling programs used for computer numerical control (CNC) manufacturing equipment including 3D printers. Students completing this program will also be candidates for a broad range of manufacturing and corporate jobs requiring a combination of technical knowledge and communication skills needed to collaborate with marketing and engineering personnel and skilled workers in various trades and specialties.

Students who intend to transfer must consult with a program advisor or counselor to ensure that the requirements for transfer to four-year institutions of their choice are met. Students who intend to transfer are advised to select General Education option 2 (IGETC) or option 3 (CSU GE). Option 1 (DVC General Education) is not generally advised.

To earn an associate degree with a major in industrial design, students must complete each of the courses required for the major with a “C” grade or higher, maintain an overall GPA of 2.5 or higher and complete general education requirements as listed in the catalog. Certain courses may satisfy both a major and general education requirements; however, the units are only counted once.

required courses: units
ARCHI-135 Digital Tools for Design.........................3
ART-102 Introduction to Sculpture and 3
Three-Dimensional Design................................3
ART-105 Drawing I...........................................3
ENGTC-119 Introduction to Technical Drawing........3
ENGTC-126 Computer Aided Design and 3
Drafting-AutoCAD..........................................3
ENGTC-129 Product Design I Using SolidWorks........3
IDSGN-105 Assembly and Fabrication Workshop........2
IDSGN-120 Introduction to Industrial and Product 3
Design.........................................................
IDSGN-121 Industrial and Product Design...........3

plus at least 3 units from:
ARCHI-137 Digital Fabrication and Prototyping.........3
ENGTC-165 Manufacturing Processes: Material 3
Machining I..................................................
ENGTC-168 Introduction to Computer Numerical 3
Control......................................................
IDSGN-107 Furniture Design Studio....................2
IDSGN-220 Soft Goods Product Design Studio........4
IDSGN-221 Transportation Design Studio..............4

total minimum required units 29

SOCIAL SCIENCE – SOCSC

Associate in arts

Social justice studies for transfer

Associate in arts in social justice studies for transfer

The associate in arts in social justice studies for transfer degree provides students with a community-engagement model of learning about inequalities, stigma, prejudice and discrimination and efforts to remediate, heal and overcome them. It offers a wide range of courses in sociology, interdisciplinary social sciences, history, psychology, drama, music, fine arts, and literature.

Completion of the degree is valuable in its own right, as it empowers students to be effective agents for social change. This program is also an excellent starting point for students contemplating a career in law, law enforcement, social work, clinical psychology, any social science, health and medical fields, education, public policy, politics, business, music, drama, or fine arts.

The associate in arts in social justice studies for transfer degree is primarily intended for students who plan to complete a bachelor’s degree at a California State University (CSU) in areas of study such as african american studies; africana studies; american indian studies; american studies; arabic language, literature and culture; asian american studies; chicano/chicana studies; ethnic studies; gender studies; labor and employment studies; labor studies; latin american studies; liberal studies w/option in interdisciplinary studies in culture & society; liberal studies - border studies option; mexican-american studies; modern jewish studies; negotiation, conflict resolution and peace building; sociology - concentration in critical race studies; sociology - concentration in race, class, and gender; sociology with inequalities and diversity option; social science with emphasis in islamic and arabic studies; women, gender, and sexuality studies; women’s studies. Students completing this degree are guaranteed admission to the CSU system, but not necessarily to a particular major or campus.
In order to earn the degree, students must:

- Complete 60 semester CSU-transferable units.
- Complete the California State University-General Education-Breadth pattern (CSU GE-Breadth), or the Intersegmental General Education Transfer Curriculum (IGETC) pattern.
- Complete a minimum of 18 semester units in the major.
- Obtain a minimum grade point average (GPA) of 2.0.
- Earn a grade of C or higher in all courses required for the major.

Students transferring to a CSU campus that accepts the degree will be required to complete no more than 60 units after transfer to earn a bachelor’s degree. This degree may not be the best option for students intending to transfer to a particular CSU campus or to university or college that is not part of the CSU system, or those students who do not intend to transfer.

Students must complete each course used to meet a major requirement with a “C” grade or higher. Some courses in the major satisfy both major and CSUGE/IGETC general education requirements; however, the units are only counted once toward the 60 unit requirement for an associate’s degree. Some variations in requirements may exist at certain four-year institutions; therefore, students who intend to transfer are advised to refer to the catalog of the prospective transfer institution and consult a counselor.

**Required courses:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIO-135</td>
<td>3</td>
</tr>
<tr>
<td>SOCIO-124</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-163</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-167</td>
<td>3</td>
</tr>
<tr>
<td>HIST-125</td>
<td>3</td>
</tr>
<tr>
<td>HIST-127</td>
<td>3</td>
</tr>
<tr>
<td>HIST-128</td>
<td>3</td>
</tr>
<tr>
<td>HIST-129</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH-140</td>
<td>3</td>
</tr>
<tr>
<td>SOCSC-120</td>
<td>3</td>
</tr>
<tr>
<td>SOCSC-220</td>
<td>3</td>
</tr>
</tbody>
</table>

**Plus at least 3 units from:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-164</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-166</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-168</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-173</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-190</td>
<td>3</td>
</tr>
<tr>
<td>FTVE-210</td>
<td>3</td>
</tr>
<tr>
<td>FTVE-260</td>
<td>3</td>
</tr>
<tr>
<td>HUMAN-115</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-112</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-117</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-118</td>
<td>3</td>
</tr>
</tbody>
</table>

**Arts and humanities:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-164</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-166</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-168</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-173</td>
<td>3</td>
</tr>
<tr>
<td>ENGL-190</td>
<td>3</td>
</tr>
<tr>
<td>FTVE-210</td>
<td>3</td>
</tr>
<tr>
<td>FTVE-260</td>
<td>3</td>
</tr>
<tr>
<td>HUMAN-115</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-112</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-117</td>
<td>3</td>
</tr>
<tr>
<td>MUSIC-118</td>
<td>3</td>
</tr>
</tbody>
</table>

**Social science:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH-141</td>
<td>3</td>
</tr>
<tr>
<td>SOCIO-121</td>
<td>3</td>
</tr>
<tr>
<td>SOCIO-125</td>
<td>3</td>
</tr>
</tbody>
</table>

**Quantitative reasoning and research methods:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH-142</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH-215</td>
<td>3</td>
</tr>
<tr>
<td>SOCIO-123</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major preparation:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI-170</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total minimum required units:** 18
NEW CERTIFICATES

strikethrough = deletion  underline = addition

BUSINESS – BUS

Certificate of accomplishment - Small business management/entrepreneurship

This program is designed to prepare students for planning, organizing, and operating a small business or entrepreneurship venture. Courses involve those that will provide students with basic knowledge and skills in various business functional areas such as business management, marketing, accounting and finance, as well as those needed in business planning.

The small business management/entrepreneurship certificate of accomplishment provides the basic foundation of business competencies and management strategies that will enable students to succeed as an entrepreneur, small business owner, partner, manager, or inventor.

To earn a certificate of accomplishment in small business management/entrepreneurship, students must complete each course with a “C” grade or higher. All coursework required for the certificate must be completed within seven years of the certificate date.

required courses:  
B6US-109 Introduction to Business  
B6USMG-191 Small Business Management  
B6USMG-192 Entrepreneurship and Venture Management  
B6USAC-181 Applied Accounting  
B6USAC-185 QuickBooks Accounting for Business I  
B6USAC-186 Financial Accounting  

plus at least 3 units from:  
B6USMG-193 Applied Marketing  
B6USAC-187 Managerial Accounting  
B6USAC-296 Internship in Occupational Work Experience  
B6BUSMK-256 Marketing

plus at least 4.5 units from:  
B6BUS-296 Internship in Occupational Work Experience  
B6BUS-298 Independent Study  
B6BUSAC-188 QuickBooks Accounting for Business II  
B6BUSMG-120 Introduction to Management Studies  
B6BUSMK-256 Marketing

INDUSTRIAL DESIGN - IDSGN

Certificate of achievement - Industrial design

Industrial design

Certificate of achievement - Industrial design

The certificate of achievement in industrial design is intended for students who wish to enter the workforce directly in an industrial design field without transferring to a four-year university program. The certificate of achievement prepares students for a career as an industrial design intern, modeler or designer offering technical support, design, and modeling and fabrication assistance in an industrial design office.

Industrial design interns and technicians prepare models, presentation drawings, computer models and renderings for the design and production of everyday objects and tools, household products, soft goods, packaging and transportation design.

To earn a certificate of achievement in industrial design, students must complete each of the required courses required with a “C” grade or higher and maintain an overall GPA of 2.5 or higher.

required courses:  
ARCHI-135 Digital Tools for Design  
ART-102 Introduction to Sculpture and Three-Dimensional Design  
ART-105 Drawing I  
ARCHI-139 Introduction to Technical Drawing  
ARCHI-126 Computer Aided Design and Drafting-AutoCAD  
ARCHI-128 Product Design I Using SolidWorks  
IDSGN-105 Assembly and Fabrication Workshop  
IDSGN-120 Introduction to Industrial and Product Design  
IDSGN-121 Industrial and Product Design Foundations

plus at least 3 units from:  
ARCHI-137 Digital Fabrication and Prototyping  
ARCHI-165 Manufacturing Processes: Material Machining I  
ARCHI-168 Introduction to Computer Numerical Control  
IDSGN-107 Furniture Design Studio  
IDSGN-220 Soft Goods Product Design Studio  
IDSGN-221 Transportation Design Studio

total minimum required units 29