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
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catalog addendum 2015-2016

TRANSFER, DEGREES AND CERTIFICATES

NOTE: ALL INFORMATION IN THIS ADDENDUM IS EFFECTIVE SPRING 2016 UNLESS OTHERWISE NOTED.

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

Economics for Transfer – AA-T
Kinesiology for Transfer – AA-T
Spanish for Transfer – AA-T

DVC CERTIFICATES

CA - Certificate of achievement
CACC - Certificate of accomplishment

ESL: Transition to college level English – CACC
PROGRAM LEARNING OUTCOMES

ECONOMICS – ECON

Associate in arts for transfer

Economics

Students completing the program will be able to...
A. apply economic theories and economic reasoning to real-life situations.
B. use analytical techniques to measure economic conditions related to the individual, business firms, industries, and economic systems.
C. explain the role that households, business organizations, governments, and the international sector play in free markets, command economies, and mixed economies.
D. evaluate the objectives, limitations, and mechanics of regulation, taxation, tariffs, quotas, and monetary and fiscal policies.
E. use quantitative methodology to measure economic outcomes.

ENGLISH AS A SECOND LANGUAGE - ESL

Certificate of accomplishment

ESL: Transition to college level English

Students completing the program will be able to...
A. transition into college and transfer-level English and Counseling courses.
B. improve college-level essay writing skills.
C. improve college-level critical reading skills.
D. improve college-level critical thinking skills.
E. improve language control and sentence clarity in writing by focusing on grammar in the context of their writing.
F. improve success, including possible transfer plans.

KINESIOLOGY – KINES
Associate in arts for transfer
Kinesiology

Students completing the program will be able to...
A. describe and explain the scholarly study of human movement and its significance to our understanding of physical activity.
B. assess the importance of physical activity in our daily lives (e.g., recreation, self-expression, health, competition, etc.).
C. differentiate among the sub-disciplines of kinesiology (e.g., history, biomechanics, philosophy, etc.) and discuss the knowledge specific to those areas.
D. demonstrate knowledge in related disciplines required as core preparation for kinesiology majors (e.g., chemistry, biology, physics, statistics, etc.).
E. apply a variety of research methods to locate and use appropriate information from various sources.

SPANISH – SPAN
Associate in arts for transfer
Spanish

Students completing the program will be able to...
A. comprehend a spoken dialogue in the target language.
B. identify the present, past and future tenses in a written paragraph.
C. interpret cultural behavior.

COURSE CHANGES

CNT-114 Microsoft Windows Operating System Essentials/Administration
3 units SC
• 45 hours lecture/27 hours laboratory per term
• Recommended: CNT-106 or equivalent; COMSC-101 or equivalent

This course is an introduction to Microsoft Windows server operating system and network support. Topics include user accounts, groups and group scopes, permissions, security, Active Directory terminology, optimizing Internet Protocol (IP) address allocation, utilities, and Web Services. CSU

CNT-148 Introduction to Cybersecurity: Ethical Hacking
3 units LR
• 36 hours lecture/54 hours laboratory per term
• Recommended: CNT-114 and CNT-146 or equivalents
• Note: Students may petition to repeat this course when software or hardware is changed.

Students will analyze computers and networks for vulnerabilities and to preserve information for forensic investigation. Laws pertaining to computer and network forensic investigation will be presented and students will complete case studies on cyber attack investigations. This course contributes to the preparation for the following certifications: AccessData Certified Examiner™ credential, Certified Information Systems Security Professional (CISSP), Cisco Certified Security Professional (CCSP), Security+, and Microsoft Security Certification. CSU

COMSC-100L Introduction to Computer Systems
1 units SC
• 54 hours laboratory per term
• Note: Not UC transferable without COMSC-100.

The student will learn to use the Microsoft Windows operating system and Microsoft Office, including the Excel spreadsheet program, the Access database program, the PowerPoint presentation program and the Word word processing program. The hands-on computer work will augment the basic concepts covered in COMSC-100. CSU, UC (credit limits may apply to UC - see counselor).

DENTL-171 Oral Facial Anatomy and Body Systems
3.5 units LR
• 54 hours lecture/36 hours laboratory per term
• Prerequisite: DENTL-120 or equivalent
• Limitation on enrollment: Acceptance to the DVC Dental Assisting program, including current TB Clearance, hepatitis immunization and/or titer, tetanus vaccination, malpractice insurance, and current CPR certificate
(Basic Life Support for Healthcare Provider with AED).
• Recommended: Eligibility for ENGL-122 or equivalent
This course introduces students to head and neck anatomy, general anatomy and body systems. Emphasis will be on the teeth, their supporting structures, and the respiratory and cardiovascular systems as they relate to monitoring patient sedation. CSU

C-ID ADDITIONS
EFFECTIVE FALL 2015

For an explanation of C-ID, please see page 67 of the 2015-2016 DVC catalog

ANTHR-140  C-ID ANTH 110
ANTHR-141L  C-ID ANTH 115L
CHEM-106  C-ID CHEM 100
CHEM-226 + CHEM-227 =  C-ID CHEM 160S
GEOG-121  C-ID GEOG 111
HSCI-124  C-ID PHS 100
HSCI-130  C-ID PHS 101
HSCI-135  C-ID PHS 102
MATH-192  C-ID MATH 210
MATH-193  C-ID MATH 220
MATH-194  C-ID MATH 250
MATH-294  C-ID MATH 240
NUTRI-160  C-ID NUTR 110
PHILO-224  C-ID PHIL 130
PHILO-225  C-ID PHIL 140
PHYS-120  C-ID PHYS 105
SPAN-121  C-ID SPAN 110
SPAN-220  C-ID SPAN 200
SPAN-221  C-ID SPAN 210

ADDITIONS/CHANGES TO TRANSFER CREDIT
EFFECTIVE FALL 2015

ANTHR-126  UC transferable
ARTDM-105  UC transferable
BIOSC-161  UC transferable (credit limits may apply to UC – see counselor)
BIOSC-162  UC transferable (credit limits may apply to UC – see counselor)
COMM-125  UC transferable
COMM-180  UC transferable
DANCE-244  UC transferable
DANCE-245  UC transferable
DANCE-248  UC transferable
DANCE-249  UC transferable
DANCE-256  UC transferable
DANCE-257  UC transferable
ENGL-178  UC transferable
ESL-117A  UC transferable
HIST-142  UC transferable
HIST-180  UC transferable
HIST-181  UC transferable
HUMAN-123  UC transferable (credit limits may apply to UC – see counselor)
KNACT-125  UC transferable (credit limits may apply to UC – see counselor)
KNACT-142A  UC transferable (credit limits may apply to UC – see counselor)
KNACT-174B  UC transferable (credit limits may apply to UC – see counselor)
KNACT-195C  UC transferable (credit limits may apply to UC – see counselor)
KNMB-118B  UC transferable (credit limits may apply to UC – see counselor)
KNMB-118C  UC transferable (credit limits may apply to UC – see counselor)

NEW COURSES

NEW COURSES EFFECTIVE SPRING 2016

CNT-104  IT Essentials (A+)
4 units  SC
• 54 hours lecture/54 hours laboratory per term
• Recommended: COMSC-101 or equivalent
• Note: Students may petition to repeat this course when software or hardware is changed.

This course provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level IT professionals. The fundamentals of computer hardware and software as well as advanced concepts such as security, networking, and the responsibilities of an IT professional will be introduced. Preparation for CompTIA’s A+ certification exam is provided. CSU
**CNT-106** Introduction to Networks

3 units SC

- 36 hours lecture/54 hours laboratory per term
- Recommended: COMSC-101 or equivalent
- Recommended: Eligibility for ENGL-122 or equivalent
- Note: Students may petition to repeat this course when software or hardware is changed.

This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The course uses the OSI and TCP layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. Students build simple LAN topologies by applying basic principles of cabling; performing basic configurations of network devices, including routers and switches; and implementing IP addressing schemes. This course is preparation for the CompTIA Network+, Cisco Certified Entry-Level Network Technician (CCENT) and Cisco Certified Network Associate (CCNA) certification exams. CSU

**CNT-120** Routing and Switching Essentials

3 units LR

- 36 hours lecture/54 hours laboratory per term
- Prerequisite: CNT-106 or equivalent
- Note: Students may petition to repeat this course when software or hardware is changed.

This course presents the architecture, components, and operations of routers and switches in a small network. Students will configure routers and switches for basic functionality. Students will configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single-area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. This course is preparation for the Cisco Certified Entry-Level Network Technician (CCENT) and Cisco Certified Network Associate (CCNA) certification exams. CSU

**CNT-140** Introduction to Information Systems Security

4 units SC

- 54 hours lecture/54 hours laboratory per term
- Prerequisite: CNT-106 or equivalent
- Recommended: CNT-120 or equivalent
- Note: Students may petition to repeat this course when software or hardware is changed.

This course provides an introduction to the fundamental principles and topics of information technology security and risk management at the organizational level. Hardware, software, processes, communications, applications, and policies and procedures with respect to organizational cybersecurity and risk management are addressed. Preparation for the CompTIA Security+ certification exams is provided. CSU

**CNT-146** Cisco Certified Network Associate (CCNA) Security

2 units SC

- 27 hours lecture/27 hours laboratory per term
- Recommended: CNT-140 or equivalent
- Note: Students may petition to repeat this course when software, hardware or certification requirements change.

This course presents an in-depth study of network security principles as well as the tools and configurations required to secure a network focused specifically on preparation for the CCNA-Security certification exam. CSU

**CNT-149** Digital Forensics Fundamentals

3 units SC

- 36 hours lecture/54 hours laboratory per term
- Prerequisite: CNT-140 or equivalent
- Note: Students may petition to repeat this course when software or hardware is changed.

This course is an introduction to the methods used to properly conduct a computer forensics investigation beginning with a discussion of ethics, while mapping to the objectives of the International Association of Computer Investigative Specialists (IACIS) certification. Topics covered include an overview of computer forensics as a profession; the computer investigation process; understanding operating systems boot processes and disk structures; data acquisition and analysis; technical writing; and a review of familiar computer forensics tools. CSU

**KNACT-174B** Intermediate Men's Lacrosse

.5-2 units SC

- Variable hours

This is an intermediate level activity course presenting skill and strategies of men's lacrosse. The course focuses on the application of the rules, etiquette, safety, and individual skills such as catching, passing, cradling, shooting, and defending to game play. Offensive and defensive team strategies are presented and implemented during the course. Open to men and women. CSU (credit limits may apply to UC - see counselor)

**ARCHIVED**
NEW DEGREE

ECONOMICS - ECON

Associate in arts for transfer

Economics

Associate in arts in economics for transfer

The associate in arts in economics for transfer is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

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 a university or college that is not part of the CSU system, or to 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

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<td>Elementary Statistics with Probability</td>
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<td>MATH-182</td>
<td>Calculus for Management, Life Science and Social Science</td>
<td>4</td>
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<tr>
<td>MATH-192</td>
<td>Analytic Geometry and Calculus I</td>
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<td>BUS-240</td>
<td>Business Statistics</td>
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<td>BUSAC-186</td>
<td>Financial Accounting</td>
<td>4</td>
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<tr>
<td>BUSAC-187</td>
<td>Managerial Accounting</td>
<td>4</td>
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<tr>
<td>MATH-181</td>
<td>Finite Mathematics</td>
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<tr>
<td>MATH-193</td>
<td>Analytic Geometry and Calculus II</td>
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<td>ENGL-116</td>
<td>Freshman English: Composition and Reading</td>
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<td>ENGL-117</td>
<td>Integrated College Reading and Writing</td>
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<td>ENGL-118</td>
<td>College Writing Development</td>
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<td>ESL-096A</td>
<td>Advanced ESL Reading and Study Skills</td>
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<td>ESL-098A</td>
<td>Advanced ESL Writing</td>
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<td>ENGL-111</td>
<td>English as a Second Language - ESL</td>
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Certificate of accomplishment - ESL: Transition to college level English

The English department's English as a second language (ESL) program consists of four sequential levels of skill development. At each level of the sequence, one course develops students' reading skills, and one develops their writing skills. Supplemental courses focus on various topics, such as pronunciation, listening, conversation, and grammar. Completion of the ESL program sequence provides an entry point to college-level coursework for English language learners.

To earn a certificate of accomplishment in ESL Conversation, Intermediate ESL Reading and Writing, Advanced Reading and Writing, or ESL: Transition to college level English students must complete each of the required courses with a grade of "C" grade or higher.

required courses

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<td>COUNS-130</td>
<td>Transfer Planning</td>
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<tr>
<td>ENGL-116</td>
<td>College Reading Development</td>
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<td>ENGL-117</td>
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<td>ENGL-118</td>
<td>College Writing Development</td>
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<tr>
<td>ESL-117A</td>
<td>Integrated Reading and Writing: Advanced English Language Learners</td>
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Certificate of accomplishment - ESL: Transition to college level English

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<td>ENGL-117</td>
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<td>ESL-117A</td>
<td>Integrated Reading and Writing: Advanced English Language Learners</td>
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total minimum required units 19-25
KINESIOLOGY – KINES

Associate in arts for transfer
Kinesiology

Associate in arts in kinesiology for transfer
Kinesiology is the academic discipline focusing on the study of all aspects of human movement. Programs of study at the baccalaureate level include exercise science, sports management, allied health profession preparation, and pursuit of a teaching credential to become a secondary school teacher/coach.

The associate in arts in kinesiology for transfer is intended for students who plan to complete a bachelor’s degree in a similar major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

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 intending to transfer are advised to refer to the catalog of the prospective transfer institution and consult a counselor.

required courses units
BIOSC-139 Human Anatomy.................................5
BIOSC-140 Human Physiology..............................5
KINES-210 Introduction to Kinesiology..................3

plus a minimum of 6 units from:
BUS-240 Business Statistics..................................3
OR
MATH-142 Elementary Statistics with Probability.......4
BIOSC-117 Human Biology with Laboratory..............4
CHEM-120 General College Chemistry I..................5
HSCI-230 Advanced First Aid/CPR..........................3
PHYS-120 General College Physics..........................4

PHYS-130 Physics for Engineers and Scientists A- Mechanics and Wave Motion..........................4

plus at least 3 units from:
Maximum of one course (minimum one unit) from any three of the following areas:

Aquatics
KNACT-100A Beginning Swimming..........................0.5-2
KNACT-102A Beginning Aquatic Fitness.....................0.5-2
KNACT-104 Water Aerobics..................................0.5-2

Fitness
KNACT-110A Beginning Hula Yoga..........................0.5-2
KNACT-126 Aerobics/Step Aerobics.........................0.5-2
KNACT-128A Beginning Cardio Kickboxing................0.5-2
KNACT-130A Beginning Fitness Walking.....................0.5-2
KNACT-134A Beginning Fitness Jogging.....................0.5-2
KNACT-148A Beginning Power Lifting......................0.5-2
KNDAN-105A Beginning Pilates Mat Work..................0.5-2

Individual Sports
KNACT-160A Beginning Badminton..........................0.5-2
KNACT-162 Beginning Bowling...............................0.5-2
KNACT-164A Beginning Golf..................................0.5-2
KNACT-164B Intermediate Golf..............................0.5-2
KNACT-166 Tennis............................................0.5-2

Team Sports
KNACT-170A Beginning Basketball..........................0.5-2
KNACT-172 Flag Football.....................................0.5-2
KNACT-176A Beginning Soccer...............................0.5-2
KNACT-182A Beginning Volleyball..........................0.5-2
KNACT-182B Intermediate Volleyball.......................0.5-2
KNACT-182C Advanced Volleyball..........................0.5-2

Combatives
KNCMB-110 Self Defense.....................................0.5-2
KNCMB-118A Beginning Taekwondo........................0.5-2
KNCMB-126A Beginning Aikido..............................0.5-2
KNCMB-134 Karate...........................................0.5-2

Dance
KNDAN-100 Introduction to Dance..........................0.5-2
KNDAN-164A Beginning Ballroom/Social Dance............0.5-2

total minimum required units 22-25

Diablo Valley College catalog addendum 2015-2016 - Changes to degrees and certificates
SPANISH – SPAN

**Associate in arts for transfer**

**Spanish**

**Associate in arts in Spanish for transfer**

The study of Spanish can open up opportunities in communications, foreign trade and banking, transportation, government, the Foreign Service, tourism, library services, teaching, professional translating, journalism, and all levels of education, including university teaching. Most foreign language careers require more than two years of study.

The associate in arts in Spanish for transfer is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing this degree are guaranteed admission to the CSU system, but not to a particular campus or major.

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.

**major requirements**

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<tr>
<th>Course</th>
<th>Description</th>
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<tr>
<td>SPAN-120</td>
<td>First Term Spanish</td>
<td>5</td>
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<td>SPAN-121</td>
<td>Second Term Spanish</td>
<td>5</td>
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<td>SPAN-220</td>
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<td>SPAN-221</td>
<td>Fourth Term Spanish</td>
<td>5</td>
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<tr>
<td>SPAN-230</td>
<td>Fifth Term Spanish</td>
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</tbody>
</table>

**total minimum required units** 23