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DVC
DIABLO VALLEY COLLEGE

CATALOG

ADDENDUM 2016-2017

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

COURSE CHANGES

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DENHY-225   Community Oral Health
<u>1 unit</u>   LR
- *18 hours lecture per term*
- *Prerequisite: DENHY-120 or equivalent*

<u>This course is designed to focus on oral health promotion and disease prevention for a variety of populations with diverse oral health needs. It provides students with an introduction to the dental care delivery system and the significant social, political, cultural and economic forces directing the system. CSU</u>

MUSIC-110   <u>Music Appreciation</u>
3 units   SC
- *54 hours lecture per term*
- *Recommended: Eligibility for ENGL-122 or equivalent*

This course is an introduction to the experience of listening to music with an appreciation of its technical, stylistic, expressive, social and historical aspects. Audio recordings, audio-video recordings, and live performances are used to study the evolution of Western classical styles and genres including opera, symphony, concerto, and chamber music, as well as jazz and rock. Some comparison of Western musical traditions with those of other cultures will be included. C-ID MUS 100, CSU, UC

COURSE DELETIONS

ARCHI-227
ARTDM-155
BUS-115
ENGTC-210
ENGTC-220

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C-ID ADDITIONS

EFFECTIVE FALL 2016

For an explanation of C-ID, please see page 61 of the 2016-2017 DVC catalog

MATH-125   C-ID MATH 120

ADDITIONS/CHANGES TO TRANSFER CREDIT

EFFECTIVE FALL 2016

ART-141	UC transferable
ARTDM-100	UC transferable
ARTDM-101	UC transferable
ARTDM-180	UC transferable
ARTDM-181	UC transferable
ARTHS-191	UC transferable
DRAMA-114	UC transferable
DRAMA-171	UC transferable
ENGTC-160	UC transferable
ENGTC-162	UC transferable
FTVE-141	UC transferable
FTVE-142	UC transferable
FTVE-160	UC transferable (credit limits may apply to UC – see counselor)
FTVE-161	UC transferable (credit limits may apply to UC – see counselor)
GEOL-130	UC transferable
KINES-100	UC transferable (credit limits may apply to UC – see counselor)
KINES-248	UC transferable
MATH-125	UC transferable
MUSIC-119	UC transferable
MUSIC-121	UC transferable
PORT-120	UC transferable
PORT-121	UC transferable

NEW COURSES

underline = addition

NEW COURSES EFFECTIVE SPRING 2017

ARTHS-191   Critical Thinking in Visual Studies
3 units   SC
- *54 hours lecture per term*
- *Prerequisite: ENGL-122 or equivalent*

This course explores the power of visual culture including analysis of how visual culture creates and mediates meaning. Emphasis is placed on understanding and using principles of inductive and deductive reasoning as well as on evaluation and creation of argument, persuasion, and criticism of visual culture topics from both visual and textual sources. Students will investigate our rich visual world which includes art, advertisements, illustrations, and many other forms of visual communication that inform and mediate every aspect of our lives. CSU, UC

COMSC-275   Introduction to Web Programming Using PHP and JavaScript
4 units   SC
- *54 hours lecture/54 hours laboratory per term*
- *Recommended: COMSC-110 or equivalent*

This is an introductory course that presents the basic concepts and applications of web programming. The course uses the JavaScript on the client side and PHP (Hypertext Preprocessor) on the server side and introduces the PHP language and covers the basics of the JavaScript language. HTML (Hyper Text Markup Language) and CSS (Cascading Style Sheets) are also reviewed. CSU

COMSC-276   Intermediate Web Programming Using PHP and MySQL
4 units   SC
- *54 hours lecture/54 hours laboratory per term*
- *Recommended: COMSC-275 or equivalent*

This course presents the basic concepts and applications of server side web programming. PHP (Hypertext Preprocessor) is used as the server side programming language and MySQL as the database language. PHP language constructs are used to interface with the database. CSU

COMSC-277   Advanced Web Programming Using PHP
4 units   SC
- *54 hours lecture/54 hours laboratory per term*
- *Recommended: COMSC-275 or equivalent*

This is an advanced web programming course that presents advanced concepts and application of both client and server side programming. The JavaScript language as the client side and PHP (Hypertext Preprocessor) as the server side programming language and MySQL as the database will be used. CSU

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CONST-101   Exploring Construction, Architecture, Manufacturing, and Engineering

1 unit   P/NP
- *18 hours lecture/22 hours laboratory per term*
- *Note: Field trips required.*

This course provides an overview of employment trends, work attitudes, values, materials, processes, and career opportunities in construction, architecture, manufacturing, and engineering. Students will explore these topics through lecture and hands-on experience with high-tech equipment and processes, guest lectures, and field trips to industrial sites. CSU

COUNS-097   Educational Planning for DSS Students

.3 unit   P/NP
- *Non degree applicable*
- *6 hours lecture per term*
- *Note: Submit disability documentation to the DSS office in SSC-248 prior to registering for this course. Completion of English and mathematics assessment four days prior to this course will facilitate appropriate course selection.*

This course provides an introduction to college for students with disabilities using course content tailored to meet the unique needs of this population. It will provide students in Disability Support Services (DSS) with a concrete plan for enrolling and succeeding in college. Topics include: an overview of DSS services and accommodations at Diablo Valley College (DVC), an explanation of the differences between high school and college, an overview of general information about certificate, associate degree and transfer pathways, and how to build a student educational plan.

DRAMA-114   Script Analysis

3 units   SC
- *54 hours lecture per term*

This course explores the analysis of play scripts. Consideration is given to the historical and cultural context of various kinds of scripts, the bearing of technological change on the way script is understood, genre and form, narrative and plot analysis, linguistic analysis, interpreting stage directions, and identification of main themes. C-ID THTR 114, CSU, UC

DRAMA-128   Auditioning and Preparation for the Camera II

3 units   SC
- *54 hours lecture per term*
- *Prerequisite: DRAMA-126 or equivalent*
- *Recommended: DRAMA-123 or equivalent*

This course will continue to build skills learned in DRAMA -126 with students learning more advanced techniques for auditioning for television and film. Students will use scripts from a variety of film and television styles, explore techniques such as: script analysis for camera work, continuity of takes, hitting a mark, finding and working in key light, and using various frame sizes such as long, medium, and close-up shots. This course will also examine the business side of the film and television industry with emphasis on auditioning, talent agents, casting directors, and demo reels. CSU

DRAMA-171   Musical Theater II

3 units   SC
- *54 hours lecture per term*
- *Prerequisite: DRAMA-170 or equivalent*
- *Recommended: DRAMA-123 or equivalent*

This course is a study of advanced musical theater with extensive focus on selected scenes and songs from the musical theater genre. The course continues to develop skills and techniques learned in DRAMA-170, with emphasis on singing, acting, blocking, and choreographed dance movement. Students will analyze and prepare musical theater material including ballads, up-tempo, duets, trios, and group songs, and will continue to introduce students to a body of musical theater literature, composers, lyricists, and librettists. CSU, UC

KINES-248   Sport and Society

3 units   SC
- *54 hours lecture per term*
- *Recommended: Eligibility for ENGL-122 or equivalent*

This course is intended to develop an understanding and recognition of the many ways sport and society interact and affect one another. The process of socialization as well as the roles of violence, gender, race, media, and politics within the realm of sport will be examined. Considerations of pertinent current events and scholarly journal articles will enhance students' understanding of the topics addressed. CSU, UC

MUSIC-119   The History and Culture of Hip Hop Music

3 units   SC
- *54 hours lecture per term*
- *Recommended: Eligibility for ENGL-122 or equivalent*

This course presents the development of hip hop as a musical style and cultural movement. Students will examine key figures in hip hop, institutions, and social settings through readings, electronic media, videos, and hands-on projects. Students will also investigate how hip hop culture is not only a source of entertainment, but also a medium that analyzes and/or provides commentary regarding social, economic, political and cultural issues dealing with identity, cultural genocide, misogyny, racism, classism, materialism, freedom of speech and sexuality. CSU, UC

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MUSIC-121 Introduction to Music Composition
3 units   SC
- *36 hours lecture/18 hours laboratory/36 hours laboratory by arrangement per term*
- *Recommended: MUSIC-122 or equivalent*

This course presents an introduction to basic techniques for music composition. Listening, reading, discussion, and composing exercises will focus students' awareness on the diversity of aesthetics, styles, and techniques that exist today. CSU, UC

MUSX-176 Introduction to Ableton Live
3 units   SC
- *36 hours lecture/18 hours laboratory/36 hours laboratory by arrangement per term*

This course presents skills used within the music production software Ableton Live. Topics will include music sequencing, digital audio recording, software synthesis, sampling, Musical Instrument Digital Interface (MIDI), MIDI mapping, virtual effects, automation, signal flow, and mixing. CSU

PLUMB-130 Green Awareness
1.5-2.5 units   LR
- *Variable hours*
- *Note: This program is sponsored by the International Brotherhood of Steamfitters and Plumbers and is for apprenticeship only. Course enrollment is limited to those who have been accepted by the union local responsible for the section.*

The course provides an overview of "green" concepts as applied to mechanical systems and high-efficiency plumbing technologies that support water conservation.

PLUMB-131 Blueprint Reading for Plumbing
1.5-2.5 units   LR
- *Variable hours*
- *Note: This program is sponsored by the International Brotherhood of Steamfitters and Plumbers and is for apprenticeship only. Course enrollment is limited to those who have been accepted by the union local responsible for the section.*

This course introduces the interpretation of blueprints, specifications, and other construction documents for the plumbing industry.

SIGN-299 Student Instructional Assistant
.5-3 units   SC
- *Variable hours*
- *Note: Applications must be approved through the Instruction Office. Students must be supervised by a DVC instructor.*

Students work as instructional assistants, lab assistants and research assistants in this department. The instructional assistants function as group discussion leaders, meet and assist students with problems and projects, or help instructors by setting up laboratory or demonstration apparatus. Students may not assist in course sections in which they are currently enrolled.

DEGREE AND CERTIFICATE CORRECTIONS

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CULINARY ARTS - CULN

Certificate of achievement
Culinary arts

Certificate of achievement - Culinary arts
This in-depth, hands-on training program prepares students for a professional culinary career. Our certificate program is accredited by the American Culinary Federation Educational Institute, a national organization of professional chefs. Our graduates enter the culinary field and many have progressed to the position of executive chef.

Culinary and food service students must have a current record of satisfactory tuberculosis (TB) screening on file in the Culinary Department Office by the beginning of classes. Students are required to supply their own equipment and uniforms depending on the class. To earn a certificate of achievement, students must complete each course used to meet a certificate requirement with a "C" grade or higher. Certificate requirements may only be completed by attending a combination of day and evening classes.

required courses:		units
CULN-105	Introduction to the Kitchen	0.5
CULN-110	Orientation to Hospitality	3
CULN-115	Culinary Mathematics	1.5
CULN-120	Fundamentals of Cuisine	5
CULN-127	Garde Manger	2
CULN-153	Safety and Sanitation	2
CULN-154	Menu Development and Planning	2
~~CULN-160~~	~~Fundamentals of Beverage, Wine and Spirits~~	~~3~~
CULN-167	Restaurant Operations in the Dining Room	3
CULN-175	Meat, Poultry and Fish Fabrication	2
CULN-185	Nutritional Guidelines in Food Preparation	2
CULN-192	Purchasing Operations and Systems Laboratory	2.5
CULN-193	Inventory and Ordering Systems Laboratory	0.3
CULN-195	Supervisory Management in Food Service	3
CULN-220	Advanced Cuisine	5
CULN-224	Catering Business and Operations	2

plus at least 1.5 units from:

CULN-161	Baking for Culinary Students	1.5
CULN-181	Fundamental Techniques of Baking and Pastry	6.5

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plus at least 2 units from:

CULN-129	Introduction to Urban Farming: Farm-to-Table	1
CULN-160	Fundamentals of Beverage, Wine and Spirits	3
CULN-186	Sustainable Hospitality - Energy, Water and Waste	1

plus at least 1 unit from:

CULN-230A	Culinary Competition I	0.5
CULN-230B	Culinary Competition II	0.5
CULN-235A	On-Campus Catering I	0.5-1
CULN-235B	On-Campus Catering II	0.5-1

plus at least 1.5 units from:

CULN-240A	On-Campus Catering I	0.5-1
CULN-240B	On-Campus Catering II	0.5-1
CULN-240C	On-Campus Catering III	0.5-1

plus at least 2 units from one of the following courses:

CULN-295	Occupational Work Experience Education in CULN	2-4
CULN-296	Internship in Occupational Work Experience Education in CULN	2-4
CULN-298	Independent Study	2-3
CULN-299	Student Instructional Assistant	2-3
	total minimum required units	**43.8**

ENGINEERING TECHNOLOGY - ENGTC

Certificate of Acheivement

Industrial maintenance machinist/mechanic (mTECH)

Certificate of achievement - Industrial maintenance machinist/mechanic (mTECH)

This program prepares students for jobs in the manufacturing industry including industrial machinery mechanic and machinery maintenance worker. These jobs involve repairing, installing, adjusting, or maintaining industrial production and processing machinery or refinery and pipeline distribution systems. The labor market for this high-technology, high-wage occupations in Contra Costa Alameda and Solano counties is expected to be strong.

Courses include machining, industrial hydraulics and pneumatics, shop and field maintenance, welding, basic electricity, blueprint drawing and reading, basic drafting, mathematics, computer software, and technical reading and writing. Major courses are offered sequentially over a period of three terms. This program is offered as a collaborative program with Los Medanos College in Pittsburg and Laney College in Oakland. Students may complete courses at any of the colleges in order to meet requirements. Some required courses are only offered at Laney College, Los Medanos College or DVC. Students are advised to meet with a counselor or program advisor to develop an educational plan that meets their needs.

The DVC mTECH major is not intended for transfer. Option 1 (DVC General Education) is advised for students who do not intend to transfer. Students who intend to transfer to a four-year baccalaureate program should consult with a counselor regarding specific major preparation requirements at the transfer institution of their choice. Students who intend to transfer are advised to select General Education Option 2 (IGETC) or Option 3(CSU GE).

Students must complete each of the courses required for the major with a "C" grade or higher. Students may not take a pass/no pass option for major courses. Certain courses may satisfy both a major and general education requirements; however, the units are only counted once.

required courses:		units
COMSC-101	Computer Literacy	4
CONST-110	Occupational Safety	2
ELECT-110	Introduction to Electricity	2
ENGIN-120	Engineering Drawing	3
ENGL-098	Introduction to College Writing	3
ENGTC-111	Mathematics for Technicians	3
ENGTC-165	Manufacturing Processes: Material Machining I	3
ENGTC-166	Manufacturing Processes: Material Machining II	3
ENGTC-175	Hydraulic and Pneumatic Systems and Components	3
ENGTC-176	Mechanical Systems and Components	3

plus at least 6 units in one of the following specializations:

fabrication

ENGTC-168	Introduction to Computer Numerical Control	3

plus at least 3 units from:

WELD-10*	Basic Arc Welding Theory	3
WELD-205**	Introduction to Welding	3

electro-mechanical

ELECT-120	Direct Current Circuits	4
ELECT-121	Alternating Current Circuits	4
ELECT-130	Motors and Motor Controllers	4
ELECT-220	Circuit Diagnosis and Analysis: Troubleshooting	2
ELECT-230	Electro-Mechanical Equipment	2
ELECT-271	Programmable Logic Controllers	4
	total minimum required units	~~32~~ __35__

*Los Medanos College
**Laney College

NEW CERTIFICATES

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CONSTRUCTION – CONST

<u>Certificate of achievement</u>
<u>Pre-Apprenticeship</u>

<u>Certificate of accomplishment</u>
<u>Pre-Apprenticeship</u>

<u>Certificate of achievement -
Pre-Apprenticeship</u>

<u>This program prepares students for entry-level jobs in the building trades and/or entry into apprenticeship programs. Program content includes introduction to construction processes, occupational health and safety principles, and blueprint reading. In addition, the program provides contextualized math and English, physical education, a survey of trades, and college and workplace successes.</u>

<u>Upon completion of the program students will be able to directly enter the Northern California Laborers' union, enter the Carpenters Training Committee for Northern California pre-apprenticeship program, or apply to a variety of apprenticeship programs, government agencies, and private-sector employers.</u>

<u>The certificate of achievement requires completion of 21 units of study and certain courses also meet requirements of other construction degrees and certificates. Students must complete each course used to meet a certificate requirement with a "C" grade or higher. Many trades require documentation of at least one year of high school or one term of college algebra and higher levels of English and mathematics are highly recommended. Students will enroll in CARER-140, CONST-105, CONST-135, CONST-215, and KNAC-120 as a cohort and complete these courses in one term.</u>

required courses:		*units*
<u>CARER-140</u>	<u>Job Search Strategies</u>	<u>1</u>
<u>CONST-105</u>	<u>Survey of the Trades</u>	<u>1.5</u>
<u>CONST-110</u>	<u>Occupational Safety</u>	<u>2</u>
<u>CONST-114</u>	<u>Blueprint Reading</u>	<u>3</u>
<u>CONST-135</u>	<u>Construction Processes: Residential</u>	<u>4</u>
<u>CONST-215</u>	<u>Construction Job Site Training</u>	<u>2</u>
<u>KNACT-120</u>	<u>Fitness Training</u>	<u>0.5</u>
<u>MATH-092*</u>	<u>Math for Trade Pre-Apprentices</u>	<u>4</u>

plus at least 3 units from:
<u>ENGL-096*</u>	<u>Introduction to College Reading and Study Skills</u>	<u>3</u>
<u>ENGL-098*</u>	<u>Introduction to College Writing</u>	<u>3</u>

total minimum required units   21

<u>*Higher level Math and English may be substituted for the Certificate of Achievement. You must have completed English and Math at the level designated or higher through assessment or prior equivalent classes or by concurrent enrollment.</u>

<u>Certificate of accomplishment -
Pre-Apprenticeship</u>

<u>To earn a certificate of accomplishment students must complete three core courses. The certificate program courses also meet certain requirements of other construction degrees and certificates. Students must complete each course with a "C" grade or higher.</u>

required courses:		*units*
<u>CONST-110</u>	<u>Occupational Safety</u>	<u>2</u>
<u>CONST-114</u>	<u>Blueprint Reading</u>	<u>3</u>
<u>MATH-092*</u>	<u>Math for Trade Pre-Apprentices</u>	<u>4</u>

plus at least 3 units from:
<u>ENGL-096*</u>	<u>Introduction to College Reading and Study Skills</u>	<u>3</u>
<u>ENGL-098*</u>	<u>Introduction to College Writing</u>	<u>3</u>

total minimum required units   12

<u>*Higher level Math and English may be substituted for the Certificate of Achievement. You must have completed English and Math at the level designated or higher through assessment or prior equivalent classes or by concurrent enrollment.</u>

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