



**DRLT 222      Blueprint Reading III      1.5 Units, 1.2 Lec, 1.0 Lab**  
This course is a continuation of Blueprint Reading II (DRLTH 221). Topics include take-offs, material estimates, material requisition, job costs and layout from blueprints.

**DRLT 230      Welding I      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers welding and welding concepts for construction job sites. Topics include welding safety, basic welding terms, definitions, positions, and cutting operations.

**DRLT 231      Welding II      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course is a continuation of Welding I (DRLTH 230). Topics include welding safety, concepts, processes, symbols, and certification performance.

**DRLT 240      Exterior/Advanced Fire Control System and Partitions      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers safety, principles, theory, and application of advanced fire control systems. Topics include principles and applications of partitions and metal framing.

**DRLT 242      Exterior Systems and Trims      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers safety, principles, and application of exterior wall framing, coverings, and trims.

**DRLT 250      Interior Metal Lathing System, Sound Control      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers materials, principles, theory, and application of lath and plaster interior hollow walls and partitions. Topics include principles, and application of sound control systems and an introduction to mathematics and layout for building arches.

**DRLT 260      Ceilings, Shaft Protection and Demountable Partitions      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers safety, materials, principles, theory, and installation of ceiling systems, demountable partitions, and shaft systems.

**DRLT 262      Arches, Furring and Advanced Systems      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers safety, materials, principles, theory, and installation of furring, arch systems, and fire retardant materials..

**DRLT 270      Advanced Construction Techniques      1.5 Units, 1.3 Lec, 1.1 Lab**  
This course covers safety, materials, principles, and theory of advanced construction techniques. Topics include following written and verbal directions, construction directly from blueprints, and research techniques.

**DRLT 290      Work Experience Drywall/Lathing Apprenticeship      1-4 Units, 1-4 Lec**  
College credit for learning experience obtained on the job in accordance with a training plan developed cooperatively between the employer, college and student. 75 hours per semester per unit or 60 hours per semester for unpaid experience. This is a pass/no pass course. May be taken for a maximum of 16 work experience units. Required: Declared vocational major. Concurrent enrollment in seven or more units (including CWE units, except for summer school. For summer school, enrollment in one other class is required). Minimum 2.00 G.P.A."

### **Modify a Course - Form C**

#### **Adaptive PE Courses**

Changing the subject code for Adapted Physical Education classes from PE to APE.

Active Courses: PE 34, PE 35, PE 36, PE 38, PE 534, PE 535, PE 536, PE 538, PE 637

Inactive Courses: PE 47, PE 547

**AJ 179P      Juvenile Counselor Core      4 Units, 30 Lec, 14 Lab**  
Change hours:  
FROM:      AJ 179 P      Juvenile Counselor Core      4 Units, 30 Lec, 10 Lab  
TO:      AJ 179 P      Juvenile Counselor Core      4 Units, 30 Lec, 14 Lab  
The Santa Clara County Probation Department JCO Core Course is increasing lab hours without changing content to allow for more coverage of existing topics

**AE 600      Vocational Training I      0 Units, 0 Lec, 3 Lab**  
Update content: modifying from weekly to content format.

**AE 602      Vocational Training III      0 Units, 0 Lec, 3 Lab**  
Update content: modifying from weekly to content format.

**ATH 45      Softball      2 Units, 0 Lec, 10 Lab**  
This course is on the list of classes to be reviewed. Changing from weekly to content format and reviewing Student Learning Outcomes.

**CD 14A      Working with School-Age Children      3 Units, 3 Lec, 0 Lab**  
Update textbook, methods of evaluation and student learning outcomes.

**CD 30A      Practicum 1: Curriculum in the Early Childhood Classroom  
3 Units, 3 Lec, 0 Lab**  
Bring CD30A into 16 week format and include Early Intervention content.  
Change title:  
FROM:      Teaching Practices and Techniques 1  
TO:      Practicum 1: Curriculum in the Early Childhood Classroom  
Change Description:  
Designing, developing and implementing contemporary curriculum and instructional methods for early childhood education. Completion of 30A and 30B, each with concurrent enrollment in at least 2 units of CD190, satisfies the associate degree requirement for student teaching.  
Update Advisory: Completion of child development 1, 2, 5, and 9 with a "C" or higher. Concurrent enrollment in at least 2 units of CD190.

**CD 30B      Teaching Practicum 2: Reflective Practice in the Classroom  
3 Units, 3 Lec, 0 Lab**  
Bring CD30B into 16 week format and include Early Intervention content.  
Change title:  
FROM:      Teaching Practices and Techniques II  
TO:      Teaching Practicum 2: Reflective Practice in the Classroom  
Change Description:  
Continuation of CD30A with emphasis on assessment, conferencing and planning skills.  
Completion of 30A and 30B, each with concurrent enrollment in 2-4 units of CD190, satisfies the associate degree student teaching requirements.  
Update Advisory: Completion of child development 1, 2, 5, and 9 with a "C" or higher. Concurrent enrollment in at least 2 units of CD190.

**CGD 9            Advanced Computer Graphics for Design Application II            3 Units, 2 Lec, 3 Lab**

Change units and hours:

FROM:            4 Units, 2 Lec, 6 Lab

TO:                3 Units, 2 Lec, 3 Lab

Change Description:

Advanced computer graphics and design course that combines technical computer graphic skills with interdisciplinary design proficiencies including creating computer imagery, transformations, and rendering to create 3D model using geometric primitives, projections for computer animation and data visualization. Includes structural analysis and emphasis on developing products that include ergonomic features and sustainable materials. Work within electronic portfolio demonstrates skills and knowledge of technical graphic design to visualize, develop and present products to meet societal needs.

Update content.

**CGD 30            Introduction to Environmental Design            3 Units, 2 Lec, 3 Lab**

Change title, units and hours:

FROM:    CGD 30    RESIDENTIAL DESIGN            4 Units, 2 Lec, 6 Lab

TO:        CGD 30    Introduction to Environmental Design            3 Units, 2 Lec, 3 Lab

Change Description:

Develops skills and computer aided design (CAD) skills necessary for designing and producing a set of plans for an array of environmental projects, such as residential remodels, landscape projects, interior design and other small construction projects. Includes introduction to building codes, sustainable design concepts, specifications and other architectural construction document basics necessary for getting permits and entering environmental design careers.

Update content.

**CGD 110            Computer Graphics Lab            1 - 4 Units, 0 Lec, 3 - 12 Lab**

Change description:

Complements computer graphics and art courses by providing additional competence in software applications, libraries, and graphical user interfaces to support computer graphics and design projects by providing supervised practice and individualized computer assisted learning on software and techniques commonly found in the computer graphic design field. This is an open entry/exit class and may be repeated three times for credit. This course has the option of a letter grade or pass/no pass.

**CGD 160            Technical Desktop Publishing/Graphics            3 units,2 Lec, 3 Lab**

Change Units and hours:

FROM:            4 units,2 Lec, 6 Lab

TO:                3 units,2 Lec, 3 Lab

Change description:

Create multimedia presentations to effectively communicate ideas and market designs. Applies concepts, theories and principles of typography, color and design to create digitally based portfolios for application to four year colleges or for entry level employment.

Update content.

**IT 115 Introduction to the Construction Industry 3 Units, 3 Lec, 0 Lab**

Change title:

FROM: IT 115 Industrial Safety

TO: IT 115 Introduction to the Construction Industry

Change description:

This course is an introduction to the construction industry. It will cover the basic skill sets required to earn an entry-level position in various trades in construction. Students will learn basic math, vocabulary, blue print reading and safety skills along with the soft skills required to gain employment.

Update content.

**PE 33 Walk/Run for Fitness .5 - 1 Unit, 0 Lec, 1.5 - 3 Lab**

On the list of courses to be reviewed. Changing from weekly to content format. Revising Student Learning Outcomes.

**POLS 1 Introduction to American Government 3 Units, 3 Lec, 0 Lab**

Update textbook and adding California political processes to the content.

**Distance Education - Form D**

**GUID 558 Learning Skills Laboratory**

Justification: Students would like to improve their basic academic skills utilizing our online Skills tutor program.

**CSIS 571 Computer Assisted Instruction**

Justification: Students would like to improve their basic academic skills utilizing our online Skills tutor program.

## New Apprenticeship Program

### Drywall/Lathing Apprentice

#### *Catalog Description*

Gavilan College, in cooperation with the Carpenter Training Committee for Northern California, conducts a Drywall/Lather Apprenticeship program which can lead to a Certificate of Achievement and/or Associates of Arts degree. An apprenticeship program is a formal system of occupational training from two to five years that combines paid employment, on-the-job training and job related college level instruction in order to develop highly skilled workers.

This Apprenticeship program is a cooperative effort between the Joint Apprenticeship Training Committee (JATC) and the college. The JATC is composed of representatives from both labor and management from each apprenticeship area, and their purpose is to oversee apprenticeship training. The Gavilan College apprenticeship program is approved by the Division of Apprenticeship Standards of the California Department of Industrial Relations.

Enrollment in an apprenticeship course is limited to registered apprentices; however anyone meeting the apprenticeship requirements can apply for acceptance. Information on admission to apprenticeship programs can be obtained from the local JATC.

The Dry Wall/Lather Apprenticeship program concentrates on training apprentices to the specific levels required for the construction industry and has been approved by the State of California Department of Apprenticeship Standards. Training emphasis includes safety, metal framing, blueprint reading, exterior/interior wall finishes, welding, residential and commercial construction process, building codes, estimation, and various construction topics.

#### *Program Requirements*

<u>Requirements</u>	<u>Degree or Certificate</u>	<u>41 units</u>
DRLTH 200	Introduction to the Trade .....	2
DRLTH 202	Basic Applications .....	1.5
DRLTH 205	Mathematics for Drywall/Lathers.....	2
DRLTH 210	Residential Metal Framing .....	1.5
DRLTH 212	Doors, Windows, Exterior Systems/Building Documents.....	1.5
DRLTH 220	Blueprint Reading I.....	1.5
DRLTH 221	Blueprint Reading II .....	1.5
DRLTH 222	Blueprint Reading III.....	1.5
DRLTH 230	Welding I.....	1.5
DRLTH 231	Welding II.....	1.5
DRLTH 240	Exterior/Advanced Fire Control System and Partitions .....	1.5
DRLTH 242	Exterior Systems and Trims.....	1.5
DRLTH 250	Interior Metal Lathing System, Sound Control .....	1.5
DRLTH 260	Ceilings, Shaft Protection and Demountable Partitions.....	1.5
DRLTH 262	Arches, Furring and Advanced Systems.....	1.5
DRLTH 270	Advanced Construction Techniques .....	1.5
<b>And a minimum of 16 units from the following: .....</b>		<b>16</b>
DRLTH 290	Work Experience Drywall/Lathing Apprenticeship (1 - 4)	

**Associate Degree Requirements:** The Drywall/Lathing Apprenticeship Associate in Arts (A.A.) Degree may be obtained by completion of the required program, plus general education requirements, plus sufficient electives to meet a 60-unit total. See Gavilan College graduation requirements.

**New AA Degree and Certificate of Achievement**

**AA and Certificate of Achievement - Retail Management**

**Catalog Description of the program:**

This certificate is developed in cooperation with the Western Association of Food Chains (WAFC). The program has been fully endorsed by the WAFC and its member companies. The certificate's curriculum was developed out of a collaborative effort between several industry and college professionals and encompasses several business essentials, including the "soft skills" of management and communication required for career success in the retail industry.

Although the program was developed by the food retail industry, its completion will help students to acquire necessary knowledge and skills to manage retail stores of any kind.

**Program Learning Outcomes:**

After completing this degree/certificate the student will be able to:

- discuss the purpose, context, concepts, and processes of retailing and the retail environment and the responsibilities of the retail operations function.
- explain the basic terms and concepts of accounting, and the content of financial statements and be able to understand and interpret the information they contain.
- develop a general understanding of retail management/business concepts related to sales and marketing of services and/or products
- determine appropriate and inappropriate interview, hiring, and employee supervision procedures

**Course List:**

<i>Course #</i>	<i>Core Courses</i>	<i>Unit Value</i>
Acct 20 Acct 21	Financial Accounting or Management Accounting	4.0
CSIS 2	Computers in Business	4.0
CMUN 1A	Introduction to Public Speaking	3.0
Bus 100	Business Correspondence	3.0
Bus 102	Business Mathematics	3.0
MKTG 100	Principles of Marketing	3.0
MGMT 101	Introduction to Management	3.0
<b><i>Additional Requirements:</i></b>		
MGMT 102	Retail Management	3.0
MGMT 104	Leadership/Human Relations in Business	3.0
MGMT 120	Human Resource Management	3.0
<b><i>Choose one or more</i></b>		
	<b><i>Total units for the major</i></b>	<b><u>32.0</u></b>
	<b><i>Plus completion of General Education requirements:</i></b>	<b><u>Units Vary</u></b>
	<b><i>Total units Required for AA Degree:</i></b>	

## **Modification to Existing AA Degree or Certificate of Achievement**

### **AA Degree and Certificate of Achievement in Business, Medical Office Option**

Add choice of ACCT/CSIS 120 Computerized Accounting -QuickBooks, OR CSIS 121 Spreadsheet - MS Excel, OR CSIS 128 Database - MS Access, as a substitute for BOT 160. Make this change to both the degree and the certificate.

ADD: "Eligible for Math 205".

### **AS Degree and Certificate of Achievement in Computer Networking**

Add to AS Degree and Certificate of Achievement:

CSIS 178 "Applied Networking", 4 units

CSIS 179 "Introduction to Information Security", 4 units

CSIS 183 "Introduction to Microsoft Servers", 4 units

This program was originally built around three (3) networking courses, CSIS 175A, 175B and 175C.

These courses are very specific to Cisco hardware and software and use their suggested curriculum. Our intent is to provide courses which are non-vendor specific and are consistent with current technology.

These new courses cover much of the same information that was covered by the Cisco curriculum but are continuously updated to cover current technology.

Remove from AS Degree and Certificate of Achievement:

CSIS 175A "Networking Essentials", 4 units

CSIS 175 B "Router Theory & Technology", 4 units

CSIS 175 C "Advanced Routing/Switching/WAN", 4 units

### **Certificate of Proficiency in Computer Networking**

Add to Certificate of Proficiency:

CSIS 178 "Applied Networking", 4 units

CSIS 179 "Introduction to Information Security", 4 units

CSIS 183 "Introduction to Microsoft Servers", 4 units

Remove from the Certificate of Proficiency:

CSIS 175A "Networking Essentials", 4 units

CSIS 175 B "Router Theory & Technology", 4 units

CSIS 175 C "Advanced Routing/Switching/WAN", 4 units

### **AS Degree and Certificate of Achievement in Computer Graphics for Technical Desktop Publishing Option**

Choose 3 units from the following courses:

ART/CSIS/DM 75 PhotoShop

CSIS/DM 73 InDesign

ART/CSIS/DM Digital Illustration

Reason: Update this degree and certificate of achievement.

Remove the following course from the AS degree and Certificate of Achievement:

CGD 110 Computer Graphics Lab



**AS Degree and Certificate of Achievement in Advanced Technical Computer Graphics Option**

Choose 3-4 units from the following courses:  
 CGD 160 Technical Desktop Publishing/Graphics  
 CGD 30 Introduction to Environmental Design  
 CSIS 45 C++ Programming I

Reason: Update this degree and certificate of achievement.

Remove the following course from the AS Degree and Certificate of Achievement:  
 CGD 110 Computer Graphics Lab

**AS Degree and Certificate of Achievement in Computer Graphics Design, Computer Graphics for Environmental Design Option**

Change Title:  
 FROM: Computer Graphics and Design  
 TO: Computer Graphics Design, Computer Graphics for Environmental Design Option

<i>Course #</i>	<i>Core Courses</i>	<i>Unit Value</i>
CGD 2	2D/ 3D Technical Computer Graphics I	3
CGD 4	2D/ 3D Technical Computer Graphics II	3
CGD 8	Computer Graphics Application I	3
CGD 9	Computer Graphics Application II	3
	<b><i>Additional Requirements:</i></b>	
CGD 30	Introduction to Environmental Design	3
	<b><i>Choose one:</i></b>	
CGD 160	Technical Desktop Publishing/Graphics	3
ART/CSIS /DM 75	PhotoShop	3
ART/CSIS/DM 76	Digital Illustration	3
ART 2A	Two-Dimensional Design	3
ART 3A	Drawing and Composition	3
ART 13	Three-Dimensional Design	3
	<b><i>Total units for the major</i></b>	<b><u>18</u></b>
	<b><i>Plus completion of General Education requirements:</i></b>	<b><u>Units Vary</u></b>
	<b><i>Total units Required for AA Degree:</i></b>	minumum of 60 units for A.S. degree, 18 units for certificate of achievement