



District Technical Review Workgroup - Instructional (DTRW-I)

**Agenda
December 5, 2013 - 1:00 p.m.
DAC, Lakin Boardroom**

- **Approval of October 24, 2013 Meeting Notes**
- **Curriculum Submissions**

MOORPARK COLLEGE

New Courses

FTVM M03	Introduction to Media Aesthetics	3
JOUR M05	Introduction to Visual Communication	3

OXNARD COLLEGE

New Courses

ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
ANTH R116	Science, Technology, and Human Values	3
ART R171	Survey of Modern Art	3
ART R172	Art of the Ancient Americas	3
AT R048	Smog Check Procedures	3
BUS R100	Introduction to Entrepreneurship	1
CNIT R198	Short Courses in Computer Networking/IT	0.5-6
CRM R102C	Catering Techniques	4
CRM R198	Short Courses – Culinary Arts and Restaurant Management	1-7
GLOS R101	Introduction to Global Studies	3
PLS R107	Family Law	3
PLS R109	Communications and Case Management	3
PLS R110	Criminal Law and Procedure	3
PLS R120	Real Estate Law	3
PLS R122	Immigration Law	3
PLS R123	Employment Law	3

Revised Courses

ART R101	Art Appreciation	3
ART R102	Art History I	3
ART R103	Art History II	3
IDS R102	Science, Technology, and Human Values	3

New Programs

AS-T in Film, Television, and Electronic Media
 AA in Global Studies
 AA-T in Studio Arts

Revised Programs

AS and Certificate of Achievement in Business Management
 AS and Certificate of Achievement in Culinary Arts
 AA in Economics



AS and Certificate of Achievement in Paralegal Studies
 AA-T in Psychology

Deleted Programs
 AA in Mathematics

VENTURA COLLEGE
New Degrees/Programs

Associate in Arts Degree/Certificate of Achievement in Dance Pedagogy and Technique
 Associate in Arts Degree for Transfer in Geography
 Associate in Arts Degree for Transfer in Philosophy
 Associate in Science Degree/Certificate of Achievement in Architectural Science
 Certificate of Achievement in Architectural Technology
 Certificate of Achievement in Drafting Technology

Revised Programs
 Proficiency Award in Acting
 Proficiency Award in GIS Basic Competency

New Courses

AUTO V32C	ASE Preparation for Brakes and Suspensions	1
AUTO V32E	ASE Preparation for Electrical and Heating/Air Conditioning	1
AUTO V47	Engine Drivability	4
BUS V46	Marketing	3
BUS V47	Sales Techniques	3
GEOG V16	Regional Field Studies	1
GEOG V28B	Geographic Information Systems (GIS): (<i>same as GIS V28B</i>) Advanced Project Development	1.5
GIS V28B	Geographic Information Systems (GIS): (<i>same as GEOG V28B</i>) Advanced Project Development	1.5
MATH V12	Intermediate Algebra for Non-STEM Majors	3
PHIL V10	World Mythology	3
PHOT V70A	Adobe Photoshop I for Digital and Fine Art (<i>same as ART V70A</i>)	3
PHOT V70B	Adobe Photoshop I for Digital and Fine Art (<i>same as ART V70B</i>)	3

Revised Courses

ARCH V31	Architectural Practice I Revit Practice I	3
ARCH V32	Architectural Practice II Revit Practice II	3
BUS V33	Business Law	3
CS V17/MATH V52	Discrete Structures	3
EMT V01	Emergency Medical Technician	8 8.5
ENGR V02	Engineering Graphics and Design	3
ENGL V10	Creative Writing	3
ENGL V21B	Survey of English Literature II	3
ENGL V22A	Survey of American Literature: Colonial Period to 1865	3
ENGL V22B	Survey of American Literature: 1865 to Present	3



ENGL V31	Survey of World Literature II	3
GEOG V22/GIS V22	Fundamentals of Mapping and Geographic Information Systems	3
GEOG V28A/GIS V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5
GIS V22/GEOG V22	Fundamentals of Mapping and Geographic Information Systems	3
GIS V28A/GEOG V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5
HED V82	Health and Fitness Activities	3
KIN V16	Functional Fitness and Self Defense Aerobic Kickboxing	1
KIN V20	Restorative Cardiovascular Fitness: Walking Walking to Restore Fitness	1
KIN V74A	Core Applications of Kinesiology Core Balance and Fitness	1
KIN V74B	Advanced Core Applications of Kinesiology Advanced Core Balance and Fitness	1
MATH V03	Intermediate Algebra	5
MATH V52/CS V17	Discrete Structures	3
THA V14/DANC V14	Movement for Theatre	1.5 2

OLD BUSINESS:

- BP/AP 4020 Program and Curriculum Development & BP/AP 4022 Course Approval – The AO's and EVP's return with suggested revisions for 4020 and 4022 to the December DTRW-I meeting to allow more time for review and revisions.
- BP/AP 4102 Occupational/Vocational Technical Programs – Moorpark Academic Senate
- AP 4050 Articulation/AP 4100 Graduation Requirements for Degrees and Certificates/AP 4225 Course Repetition/AP 4227 Course Repetition Absent Substandard Academic Work (Articulation Officers) – under review and revision by Articulation Officers and will be brought to the December 5 DTRW-I meeting

NEW BUSINESS:

There were no submissions for new business.

Next Meeting Date: January 23, 2013, 1:00 pm – DAC Lakin Boardroom
 Submission deadline: January 17, 2013 – 5 pm

Ventura County Community College District

2012-2013 Academic Year
 District Technical Review Workgroup – Instructional (DTRW-I)
 Meeting Notes

October 24, 2013 - 1:00 p.m. – 3:00 p.m.

MEETING NOTES PRIOR TO APPROVAL AT 12.05.13 DTRW-I MEETING

Members: Chancellor’s Designee: Erika Endrijonas, Chair, (OC)
 Faculty Co-Chair: Mary Rees, Co-chair (MC)
 Executive Vice Presidents: Erika Endrijonas (OC), Lori Bennett (MC), Gwendolyn Huddleston-Lewis (representing Daniel Seymour (VC))
 Faculty Co-Chairs of Curriculum Committees: Shannon Davis (OC), Jerry Mansfield (MC), Peter Sezzi (VC)
 Additional Faculty Member: Graciela Casillas-Tortorelli (OC)
 Articulation Officers: Shannon Davis (OC), Letrisha Mai (MC), Gloria Arevalo (VC)
 Academic Senate Presidents: Linda Kama’ila (OC), Mary Rees (MC), Art Sandford (VC)
 Policy and Administrative Procedures: Clare Geisen (DAC) (Policy/procedure, Chancellor’s Cabinet Liaison/guest)

Absent: Graciela Casillas-Tortorelli (OC)

Recorder: Laurie Nelson-Nusser

Notes:

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
<p>Approval of September 26, 2013 Meeting Minutes</p>	<p>Dr. Endrijonas welcomed everyone to DTRW-I and the meeting commenced at 1:04 pm.</p> <p>The meeting notes were approved as presented.</p>			
<p>CURRICULUM SUBMISSIONS</p>				
<p>New Degrees/Courses/Revised Courses</p> <p>Moorpark/Oxnard/Ventura Submissions</p>	<p>Curriculum Submissions:</p> <p><u>MOORPARK COLLEGE</u></p> <p>New Degree</p> <p>Associate in Science in Film Television Media for Transfer</p> <p>Recommendation: This new degree will go forward to Chancellor’s Cabinet, Consultation Council, and subsequently to the Board for full approval.</p>			

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
	<p>New Courses THA M52B, Theatre for Young Audiences II, 3.0 units Recommendation: This new course will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval.</p> <p>Revised Courses FTVM M70, Digital Editing, 3.0 units Recommendation: This revised course will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval.</p> <p><u>OXNARD COLLEGE</u> New Courses ART R180, 3-D Foundations, 3.0 units FTVE R150, Beginning Motion Picture Production, 3.0 units Recommendation: This new course will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval.</p> <p>Revised Courses ART R104B, Color and Design II and Theory, 3.0 units ECE R112, Practicum in Early Childhood Education, 3.0 units EMT R169, Emergency Medical Technician — Basic, 6 8.0 units TV FTVE R100, Introduction to Electronic Media Studies, 3.0 units TV R103 FTVE R130, Digital Filmmaking Beginning Single Camera Production, 3.0 TV R102 FTVE R135 Introduction to Live Production in Video, 3.0 units Beginning TV Studio Production Recommendation: The revised courses will go forward to Chancellor's Cabinet, Consultation Council, and subsequently to the Board for full approval.</p> <p>New Programs Certificate of Achievement in Child Development/Early Childhood Education: Master Teacher Proficiency Award in Child Development Assistant Proficiency Award in Child Development Associate Teacher Proficiency Award in Child Development Site Supervisor AA-T in Geography Recommendation: There was discussion regarding Board</p>			

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
	<p>approval for Proficiency Awards. Ms. Geisen will follow up with the Chancellor regarding this issue. The new programs will go forward to Chancellor's Cabinet, Consultation Council, and subsequently the Board for full approval.</p> <p>Revised Programs Certificate of Achievement in Child Development/Early Childhood Education: Teacher Recommendation: This revised program will go forward to Chancellor's Cabinet, Consultation Council, and subsequently the Board for full approval.</p> <p><u>VENTURA COLLEGE</u> New Degrees/Programs Associate in Arts Degree in Dance/Certificate of Achievement in Dance Associate in Arts Degree in Kinesiology for Transfer Certificate of Achievement in Biomedical Device Technology Recommendation: The new degrees and certificate of achievement will go forward to Chancellor's Cabinet, Consultation Council, and subsequently the Board for full approval with minor changes to Kinesiology and Biomedical Device Technology.</p> <p>New Courses DANC V02 Dance History DANC V03 Anatomy for Dancers DANC V04 Dance Improvisation DANC V06A Dance Pedagogy I DANC V06B Dance Pedagogy II DANC V06C Dance Pedagogy III Recommendation: The new courses will go forward to Chancellor's Cabinet, Consultation Council, and subsequently the Board for full approval with minor changes.</p> <p>Revised Courses DANC V10A Modern I 2 units The following course description will include: "This course may be taken for a maximum of 4 times or a student may take a maximum of 4 courses from a family which has been defined by Ventura College faculty in modern dance as</p>			

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
	<p>DANC V10A, DANC V10B, DANC V10C, and DANC V10D.”</p> <p>DANC V10B Modern II 2 units DANC V10C Modern III 2 units DANC V10D Modern IV 2 units DANC V13A Tap I 2 units DANC V13B Tap II 2 units DANC V13C Tap III 2 units DANC V13D Tap IV 2 units DANC V14 Movement for the Theatre DANC V15A Ballet I 2 units DANC V15B Ballet II 2 units DANC V15C Ballet III 2 units DANC V15D Ballet IV 2 units DANC V23 Ballroom Dance DANC V27 Street Dance DANC V29A Jazz I 2 units DANC V29B Jazz II 2 units DANC V29C Jazz III 2 units DANC V29D Jazz IV 2 units</p> <p>Recommendation: The revised courses will go forward to Chancellor’s Cabinet, Consultation Council, and subsequently the Board for full approval with the change notated above for DANC V01A.</p>			
OLD BUSINESS				
BP/AP 4022 Course Approval (no AP 4022 in BoardDocs) BP/AP 4020	This item was tabled to the December 5 DTRW-I meeting to allow more time for review and revisions.			
AP 4102 Occupational/Vocational Technical Programs (no BP in BoardDocs)	This administrative procedure still requires further review by the Moorpark Academic Senate.			
AP 4050 Articulation/AP 4100 Graduation Requirements for Degrees and Certificates/AP 4225 Course Repetition/AP	<p>AO’s to return to DTRW-I and Registrars will return to DTRW-SS for the December 5 meetings with suggested revisions.</p> <p>The Articulation Officers will update the procedures and return with suggested revisions to an upcoming meeting.</p>	Send Word versions to AO’s (sent during September meeting)	<p>ASAP</p> <p>December 5</p>	<p>Laurie Nusser</p> <p>Articulation</p>

Agenda Item	Summary of Discussion	Action (If Required)	Completion Timeline	Assigned to:
4227 Course Repetition Absent Substandard Academic Work (Articulation Officers)		Update all listed APs		Officers
Next Meeting Date:	December 5, 2013 – 1 pm, DAC Lakin Boardroom			

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MOORPARK COLLEGE

New Courses

FTVM M03	Introduction to Media Aesthetics	3.0
JOUR M05	Introduction to Visual Communication	3.0

New Courses

FTVM M03 Introduction to Media Aesthetics 3.0
Prerequisites: None
Hours: 3 lecture

Introduces the analysis of film and television texts. Examines the broad questions of form and content, aesthetics and meaning, and history and culture. Explores the diverse possibilities presented by the cinematic art and television form through an examination of a wide variety of productions. Includes topics such as modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis. Applies to Associate Degree. Transfer credit: CSU

JOUR M05 Introduction to Visual Communication 3.0
Prerequisites: None
Hours: 3 lecture

Introduces the significant theories of visual communication through images employed by the mass media and distributed via the Internet, print and electronic media, and advertising. Examines the tools used in analyzing visual communication. Creates and analyzes images for print, Web and video. Through the framework of visual literacy, critically evaluates how society communicates through pictures, cartoons, typography and infographics. Analyzes how visual communication affects society and its cultural values. Applies to Associate Degree. Transfer credit: CSU; UC

OXNARD COLLEGE

New Courses

ADS R124	Ethics and Confidentiality for Alcohol/Drug Studies	3
ANTH R116	Science, Technology, and Human Values	3
ART R171	Survey of Modern Art	3
ART R172	Art of the Ancient Americas	3
AT R048	Smog Check Procedures	3
BUS R100	Introduction to Entrepreneurship	1
CNIT R198	Short Courses in Computer Networking/IT	0.5-6
CRM R102C	Catering Techniques	4
CRM R198	Short Courses – Culinary Arts and Restaurant Management	1-7
GLOS R101	Introduction to Global Studies	3
PLS R107	Family Law	3
PLS R109	Communications and Case Management	3
PLS R110	Criminal Law and Procedure	3
PLS R120	Real Estate Law	3
PLS R122	Immigration Law	3
PLS R123	Employment Law	3

Revised Courses

ART R101	Art Appreciation	3
ART R102	Art History I	3
ART R103	Art History II	3
IDS R102	Science, Technology, and Human Values	3

New Programs

AS-T in Film, Television, and Electronic Media
AA in Global Studies
AA-T in Studio Arts

Revised Programs

AS and Certificate of Achievement in Business Management
AS and Certificate of Achievement in Culinary Arts
AA in Economics
AS and Certificate of Achievement in Paralegal Studies
AA-T in Psychology

Deleted Programs

~~AA in Mathematics~~

OXNARD COLLEGE

New Courses

Page 2

ADS R124 Ethics and Confidentiality for Alcohol/Drug Studies 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course is specifically designed for potential alcohol/drug counselors to develop an awareness and understanding of issues and ethics in the field as well as the steps involved in making ethical decisions. The students will study diversity issues, client rights, counselor responsibilities, confidentiality, managing boundaries, ethical issues and standards. Field trips may be required.
Transfer credit: CSU.

ANTH R116 Science, Technology, and Human Values 3 Units
Hours: 3.0 lecture
Prerequisite: None

Science and technology have the potential to improve our lives, yet they also challenge the basic values of our humanity. Utilizing an interdisciplinary approach, this course explores the impact of science and technology on human culture, history, and understanding. Through critical engagement with scientific and social theory we explore how science and technology impact human cultures and values and we question what these developments mean for human societies in a global context. We explore topics such as global warming, pollution, the nature of knowledge, science and gender, surveillance and security, nuclear energy, fracking, weapons of mass destruction, communications, the internet, hacking, genetic modification, space exploration, cosmology, cloning, artificial intelligence and medicine. Field trips may be required. (Same as IDS R102) *Transfer credit: UC, CSU.*

ART R171 Survey of Modern Art 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course provides an overview of art and architecture from the Western modern period of the 19th and 20th centuries. This course explores the many global influences on Modern Art. Field trips may be required. *Transfer credit: CSU.*

ART R172 Art of the Ancient Americas 3 Units
Hours: 3.0 lecture
Prerequisite: None

Art of the Ancient Americas is a survey of visual culture within the historical context of select ancient civilizations in Mexico, Central America, and South America up to European contact. Field trips may be required. *Transfer credit: CSU.*

OXNARD COLLEGE

New Courses

Page 3

AT R048 Smog Check Procedures 3 Units
Hours: 3.0 lecture
Advisories: AT R013, or AT R013L, or AT R033

This course will provide students with the knowledge, skills, and abilities needed to perform smog check inspections. Students who successfully complete this course will have met the California Bureau of Automotive Repair's training requirements to qualify to sit for the smog check inspector licensing examination. Field trips may be required.

BUS R100 Introduction to Entrepreneurship 1 Units
Hours: 1.0 lecture
Prerequisite: None

This is an introductory course intended to provide students with a comprehensive overview of the vital importance of entrepreneurship in the 21st century global economy and the critical role that innovation and creativity play in the entrepreneurial process. Students will gain knowledge from various CEO (chief executive officer) in-class presentations and then examine and reflect on their own entrepreneurial potential and evaluate the challenges and rewards of entrepreneurship. Field trips may be required. *Transfer credit: CSU.*

CNIT R198 Short Courses in Computer Networking/IT 0.5-6 Units
Hours: 0.5 to 6.0 lecture, 0.5 to 18.0 lab
Prerequisite: None

This course and/or workshop will cover selected areas of computer networking/IT. This course will be developed to meet specific needs of the college community as requested or required. Field trips may be required. *Transfer credit: CSU.*

CRM R102C Catering Techniques 4 Units
Hours: 2.0 lecture, 6.0 lab
Prerequisite: CRM R102A
Limitations: A negative TB test is required. Possession of ServSafe Certification or equivalent is required.

This course provides instruction in the performance of activities included in the supplying of food, beverage, and other organized food related services for social or special functions. This course may include on-premise and/or off-premise catering. Field trips may be required. *Transfer credit: CSU.*

OXNARD COLLEGE

New Courses

Page 5

PLS R110 Criminal Law and Procedure 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course is designed to equip the student with the learning needed to understand the principles of criminal law and criminal procedure as well as those skills needed in the daily practice in a law office. The course will cover crimes, defenses, punishment, search and seizure law and pre-trial, trial and review procedures. Field trips may be required. *Transfer credit: CSU.*

PLS R120 Real Estate Law 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course examines the field of real property law and prepares the student to assist in real estate transactions. Topics include: ownership rules, determination of title, acquisition, and transfer of property, financing, and taxation. Field trips may be required. *Transfer credit: CSU.*

PLS R122 Immigration Law 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course surveys immigration in the United States and how the paralegal supports the attorney. Topics covered include: visitors for business and pleasure, temporary visas, employment based preferences, asylum, and citizenship. Also covered will be representation before Department of Homeland Security agencies. Field trips may be required. *Transfer credit: CSU.*

PLS R123 Employment Law 3 Units
Hours: 3.0 lecture
Prerequisite: None

This course covers federal law and California state law governing employment relationships, job discrimination, sexual harassment, workplace privacy, labor standards, human resource management, American with Disabilities Act, and other matters involved with employment law. Field trips may be required. *Transfer credit: CSU.*

IDS R102	Science, Technology, and Human Values	3 Units
Hours:	3.0 lecture	
Prerequisite:	None	

~~Critical study of the historical and socio-cultural relationships between science, technology, and human values. Development of these relationships is traced from the advent of science and technology to the complexities of contemporary American society.~~ **Science and technology have the potential to improve our lives, yet they also challenge the basic values of our humanity. Utilizing an interdisciplinary approach, this course explores the impact of science and technology on human culture, history, and understanding. Through critical engagement with scientific and social theory we explore how science and technology impact human cultures and values and we question what these developments mean for human societies in a global context. We explore topics such as global warming, pollution, the nature of knowledge, science and gender, surveillance and security, nuclear energy, fracking, weapons of mass destruction, communications, the internet, hacking, genetic modification, space exploration, cosmology, cloning, artificial intelligence and medicine. Field trips may be required. (Same as ANTH R116)** ~~Course is offered Pass/No Pass at student's option. Transfer credit: UC, CSU.~~

OXNARD COLLEGE**New Programs****Page 8**

Associate in Science in Film, Television, and Electronic Media for Transfer

Required Core Courses:	Units
Select 2 Courses or 6 Units Minimum	
FTVE R100 Introduction to Electronic Media	3
FTVE R110 Introduction to Media Writing	3
 List A: Select 1 Audio and 1 Video Production course from the following: 6 Units Minimum	
FTVE R120 Beginning Audio Production	3
and	
FTVE R130 Beginning Single Camera Production	3
or	
FTVE R135 Beginning TV Studio Production	3
or	
FTVE R150 Beginning Motion Picture Production	3
 List B: Select 1 course or 3 units minimum from courses not used from the above categories or 1 of the following:	
FTVE R106 Beginning Digital Editing	3
FTVE R107 History of Film	3
 List C: Select 1 course or 3 units minimum from courses not used from the above categories or from the following:	
FTVE R108A Acting for TV and Film I	3
FTVE R155 Advanced Studio Production	3
FTVE R160 Introduction to Digital Photography	3
FTVE R175 Introduction to Digital Art	3
 Total Required Units	18

Associate in Arts in Global Studies

Required Core Courses (12 units)	Units
GLOS R101 Introduction to Global Studies	3
POLS R104 Introduction to International Relations	3
GEOG R102 World Regional Geography	3
HIST R100B History of World Civilizations II	3
List A. Select two courses from the following list (6 units):	
ANTH R102 Introduction to Cultural Anthropology	3
ANTH R105 Sex, Gender and Culture	3
ANTH R110 People of the World: The Cultures of Globalization and Change	3
ANTH R111 Magic, Witchcraft and Religion: Anthropology of Belief	3
ANTH R116/IDS R102 Science, Technology, and Human Values	3
ART R102 Art History I	3
ART R103 Art History II	3
COMM R113 Intercultural Communication	3
ECON R101 Introduction to the Principles of Macroeconomics	3
ECON R102 Introduction to the Principles of Microeconomics	3
GEOG R105 Introduction to Human Geography	3
HIST R100A History of World Civilizations I	3
HIST R110 History of the Middle East	3
HIST R115 History of the Americas I	3
HIST R116 History of the Americas II	3
IDS R101A History of Ideas and Evolution of Culture	3
PHIL R103 Survey of World Religions: East	3
PHIL R104 Survey of World Religions: West	3
PHIL R114 Social Philosophy	3
POLS R105 Current Issues in Domestic and Foreign Politics	3
POLS R108 Comparative Politics	3
SOC R101 Introduction to Sociology	3
SOC R102 Social Problems	3
SOC R104 Sex Roles	3
Total Required Units	18

Associate in Arts in Studio Arts for Transfer

Required Core Courses (12 units)	Units
ART R103 Art History II	3
ART R104A 2-D Foundations	3
ART R106A Drawing and Composition I	3
ART R180 3-D Foundations	3

List A: Art History Restricted Electives (3 units)

Select one course to total 3 units from the following:

ART R102 Art History I	3
ART R171 Survey of Modern Art	3
ART R172 Art of the Ancient Americas	3

List B: Studio Arts Restricted Electives (9 units)

Select one course from any three of the following areas for a maximum of 9 units. (The Curricular Areas to choose from include: Drawing, Painting, Sculpture, Digital Art, Digital Photography, and Color)

ART R126A Life Drawing I	3
or	
ART R106B Drawing and Composition II	3
ART R110A Beginning Acrylic Painting	3
or	
ART R108A Beginning Oil Painting	3
ART R155 Beginning Sculpture	3
ART R175 Introduction to Digital Art	3
ART R160 Introduction to Digital Photography	3
ART R104B Color Theory	3

Total Required Units	24
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Associate in Science in Business Management
Certificate of Achievement in Business Management

Required Courses:		Units
ACCT R101	Financial Accounting	3
ACCT R102	Managerial Accounting	3
BUS R100	Introduction to Entrepreneurship	1
BUS R111A	Business Law	3
BUS R120	Introduction to Business	3
BUS R121	Introduction to Management	3
BUS R122	Human Resource Management	3
BUS R130	Sales Management	3
BUS R132A	Marketing	3
BUS R140	Business Communications	3
PSY R102A	Interpersonal Relations I	3
Complete one of the following courses:		
BUS R103	Business Mathematics	3
BUS R125	Personal Finance	3
CIS R100	Introduction to Computer Information Systems	3
COMM R101	Introduction to Oral Communication	3
ECON R101	Introduction to the Principles of Macroeconomics	3
ECON R102	Introduction to the Principles of Microeconomics	3
Total Required Units		33 34

Associate in Science in Culinary Arts
Certificate of Achievement in Culinary Arts

Required Core Courses (24 units):	Units
CRM R100 Introduction to the Hospitality Industry	3
CRM R102A Quantity Food Preparation	7
CRM R102B Food Preparation Management	4
CRM R102C Catering Techniques	4
CRM R102E CRM Foods Laboratory	2
CRM R103A Baking Techniques	6
CRM R104 Sanitation & Environmental Control	3
CRM R105 Gourmet Cooking & Garde Manger	4
CRM R106 Nutrition in Food Service	3
CRM R107 Dining Room Service	3.5
Total Required Units	35.5 37.5

After completion of the following courses, students may apply and earn certification in each respective area awarded by the National Restaurant Association (NRA): CRM R100; CRM R104; CRM R106; CRM R107.

Associate in Arts in Economics

Required Courses (9 units):	Units
ECON R100 Modern American Economy	3
ECON R101 Introduction to the Principles of Macroeconomics	3
ECON R102 Introduction to the Principles of Microeconomics	3
ECON R199 Directed Studies in Economics	3

Elective Courses (**9 units minimum**): **Students must select at least three courses from the electives list.**

ACCT R101 Financial Accounting	3
ACCT R102 Managerial Accounting	3
ECON R199 Directed Studies in Economics	1 - 3
HIST R100A History of World Civilizations I	3
HIST R100B History of World Civilizations II	3
HIST R103 History of the United States II	3
MATH R105 Introductory Statistics	4
MATH R106 Business Calculus	4
MATH R120 Calculus with Analytic Geometry I	5
PHIL R107 Introduction to Logic	3
PHIL R111 Critical Thinking and Analytic Writing	3
POLS R100 Introduction to Politics	3
POLS R101 Government of the United States I: Institutions and Politics	3
POLS R104 Introduction to International Relations	3
POLS R106 Political Aspects of Economic Problems	3
POLS R108 Comparative Politics	3
PSY R101 General Psychology	3
SOC R101 Introduction to Sociology	3

Total Required Units **18-22**

Associate in Science in Paralegal Studies
Certificate of Achievement in Paralegal Studies

Required Courses:	Units
BUS R111A Business Law	3
PLS R041 Computer Applications for Paralegals	3
PLS R101 Paralegal Fundamentals	3
PLS R102 Torts	3
PLS R103 Contracts	3
PLS R104 Legal Research and Writing I	3
PLS R105 Legal Research and Writing II	3
PLS R106 Civil Litigation	3
PLS R108 Evidence	3
PLS R109 Communications and Case Management	3

Optional Tracks

Students must select 12 units from the following two tracks. Students may choose all 12 units within the same track, OR select courses from both to total 12 units.

Litigation Track

PLS R102 Torts	3
PLS R106 Civil Litigation	3
PLS R107 Family Law	3
PLS R108 Evidence	3
PLS R110 Criminal Law and Procedure	3

or

Transactional Track

PLS R103 Contracts	3
PLS R120 Real Estate Law	3
PLS R122 Immigration Law	3
PLS R123 Employment Law	3

Total Required Units ~~24~~ **30**

Associate in Arts in Psychology for Transfer

	Units
Required Core Courses (9-10 units):	
PSY R103 Beginning Statistics for Behavioral Science	3
or	
MATH R105 Introductory Statistics	4
PSY R101 General Psychology	3
PSY R104 Introduction to Experimental Psychology	3
 List A - Required Additional Courses (3 units):	
PSY R105 Introduction to Physiological Psychology	3
 List B - Select one of the following courses (3 units):	
BIOL R101 General Biology	3
PSY R108 Developmental Psychology	3
PSY R135 Learning and Cognition	3
 List C - Select one of the following courses (3 units):	
Any course from List B not selected above	3
PSY R102A Interpersonal Relations I	3
PSY R107 Sex Roles	3
PSY R110 Human Sexuality	3
PSY R131 Abnormal Psychology	3
 Total Required Units	 18-19

Associate in Arts in Mathematics

Required Courses:	Units
MATH R120 Calculus with Analytic Geometry I	5
MATH R121 Calculus with Analytic Geometry II	5

Additional Requirement:

Complete a minimum of two (2) courses from the following:

MATH R105 Introductory Statistics	4
MATH R122 Calculus with Analytic Geometry III	5
MATH R125 Differential Equations with Linear Algebra	5

Total Required Units	19 20
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VENTURA COLLEGE

New Degrees/Programs

Associate in Arts Degree/Certificate of Achievement in Dance Pedagogy and Technique
Associate in Arts Degree for Transfer in Geography
Associate in Arts Degree for Transfer in Philosophy
Associate in Science Degree/Certificate of Achievement in Architectural Science
Certificate of Achievement in Architectural Technology
Certificate of Achievement in Drafting Technology

Revised Programs

Proficiency Award in Acting
Proficiency Award in GIS Basic Competency

New Courses

AUTO V32C	ASE Preparation for Brakes and Suspensions	1 unit
AUTO V32E	ASE Preparation for Electrical and Heating/Air Conditioning	1 unit
AUTO V47	Engine Drivability	4 units
BUS V46	Marketing	3 units
BUS V47	Sales Techniques	3 units
GEOG V16	Regional Field Studies	1 unit
GEOG V28B	Geographic Information Systems (GIS): (<i>same as GIS V28B</i>) Advanced Project Development	1.5 units
GIS V28B	Geographic Information Systems (GIS): (<i>same as GEOG V28B</i>) Advanced Project Development	1.5 units
MATH V12	Intermediate Algebra for Non-STEM Majors	3 units
PHIL V10	World Mythology	3 units
PHOT V70A	Adobe Photoshop I for Digital and Fine Art (<i>same as ART V70A</i>)	3 units
PHOT V70B	Adobe Photoshop I for Digital and Fine Art (<i>same as ART V70B</i>)	3 units

Revised Courses

ARCH V31	Architectural Practice I <i>Revit Practice I</i>	3 units
ARCH V32	Architectural Practice II <i>Revit Practice II</i>	3 units
BUS V33	Business Law	3 units
CS V17/MATH V52	Discrete Structures	3 units
EMT V01	Emergency Medical Technician	8 8.5 units
ENGR V02	Engineering Graphics and Design	3 units
ENGL V10	Creative Writing	3 units
ENGL V21B	Survey of English Literature II	3 units
ENGL V22A	Survey of American Literature: Colonial Period to 1865	3 units
ENGL V22B	Survey of American Literature: 1865 to Present	3 units
ENGL V31	Survey of World Literature II	3 units
GEOG V22/GIS V22	Fundamentals of Mapping and Geographic Information Systems	3 units
GEOG V28A/GIS V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5 units
GIS V22/GEOG V22	Fundamentals of Mapping and Geographic Information Systems	3 units
GIS V28A/GEOG V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5 units
HED V82	Health and Fitness <i>Activities</i>	3 units
KIN V16	Functional Fitness and Self Defense <i>Aerobic Kickboxing</i>	1 unit
KIN V20	Restorative Cardiovascular Fitness: Walking <i>Walking to Restore Fitness</i>	1 unit
KIN V74A	Core Applications of Kinesiology <i>Core Balance and Fitness</i>	1 unit
KIN V74B	Advanced Core Applications of Kinesiology <i>Advanced Core Balance and Fitness</i>	1 unit
MATH V03	Intermediate Algebra	5 units
MATH V52/CS V17	Discrete Structures	3 units
THA V14/DANC V14	Movement for Theatre	1.5 2 units

New Degrees/Programs

**Associate in Arts Degree
Certificate of Achievement
DANCE PEDAGOGY AND TECHNIQUE**

REQUIRED COURSES:		Units
DANC V02	Dance History	3
DANC V03	Anatomy for Dancers	3
DANC V06A	Dance Pedagogy I	3
DANC V06B	Dance Pedagogy II	3
DANC V06C	Dance Pedagogy III	3
 REQUIRED ADDITIONAL COURSES:		
Select two to three (2-3) units from the following:		
DANC V30A	Dance Performance I	3
DANC V50A	Composition I	2
 Select six (6) units from the same group:		
GROUP A:		
DANC V10A	Modern I	2
DANC V10B	Modern II	2
DANC V10C	Modern III	2
DANC V10D	Modern IV	2
GROUP B:		
DANC V15A	Ballet I	2
DANC V15B	Ballet II	2
DANC V15C	Ballet III	2
DANC V15D	Ballet IV	2
GROUP C:		
DANC V23	Ballroom Dance	2
DANC V27	Street Dance	2
DANC V29A	Jazz I	2
DANC V29B	Jazz II	2

23-24

New Degrees/Programs – continued

**Associate in Arts Degree for Transfer
 GEOGRAPHY**

The Associate in Arts in Geography for Transfer (Geography AA-T) degree is intended for students who plan to complete a bachelor’s degree in a similar major at a CSU campus. Students completing the degree are guaranteed admission to the CSU system, but not to a particular campus or major.

A student graduating with an Associate in Arts in Geography for Transfer degree may transfer to a CSU Campus to complete a Bachelor’s Degree in Geography or similar programs.

To earn a Geography AA-T degree, students must complete:

- (1) Certified completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (a) The Intersegmental General Education Transfer Curriculum (IGETC-CSU) or the California State University General Education-Breadth Requirements.
 - (b) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0 on transfer courses.
- (3) Obtainment of a “C” grade or better in all courses required for the major or area of emphasis.
- (4) Complete a minimum of 12 units in residency at the college granting the degree.

REQUIRED CORE (7 units):

	Units
GEOG V01 Elements of Physical Geography	3
GEOG V01L Elements of Physical Geography Laboratory	1
GEOG V02 Introduction to Human Geography	3

LIST A

Select two to three (2-3) of the following courses (6-9 units):

GEOG V05 Introduction to Weather and Climate	3
GEOG V06 Geography of California	3
GEOG V08 World Regional Geography	3
<i>GEOG V16 Regional Field Studies</i>	<i>1</i>
GEOG V22/GIS V22 Fundamentals of Mapping and GIS	3
GEOG V26/GIS V26 Introduction to GIS Software	2

LIST B

Select two (2) of the following courses or courses above (6 units):

Any course from LIST A not already used.	
GEOG V05, V06, V08, V16, V22, V26; GIS V22, V26.	1-3
ANTH V02 Cultural Anthropology	3
ESRM V01 Introduction to Environmental Issues	3
ESRM V02 Introduction to Environmental Science	3

ESRM V03	Introduction to Environmental Policy and Natural Resource Management	3
ESRM V11	Soil and Water Science	3
ESRM V14	Conservation of Natural Resources	3
GEOL V02	Physical Geology	3
GEOL V03	Historical Geology	3
GEOL V07	Geology of National Parks	3
GEOL V11	Introduction to Oceanography	3
GEOL V21	Natural Disasters	3
<hr/>		
Major Units		19-22

New Degrees/Programs – continued

Associate in Arts Degree for Transfer Philosophy

The Associate in Arts in Philosophy for Transfer (Philosophy AA-T) degree is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing the degree are guaranteed admission to the CSU system, but not to a particular campus or major.

A student graduating with an Associate in Arts in Philosophy for Transfer degree may transfer to a CSU Campus to complete a Bachelor's Degree in Philosophy or similar programs.

To earn a Philosophy AA-T degree, students must complete:

- (1) Certified completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:
 - (a) The Intersegmental General Education Transfer Curriculum (IGETC-CSU) or the California State University General Education-Breadth Requirements.
 - (b) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.
- (2) Obtainment of a minimum grade point average of 2.0 on transfer courses.
- (3) Obtainment of a "C" grade or better in all courses required for the major or area of emphasis.
- (4) Complete a minimum of 12 units in residency at the college granting the degree.

REQUIRED CORE (6 units):		Units
PHIL V01	Introduction to Philosophy	3
OR		
PHIL V02	Introduction to Ethics	3
AND		
PHIL V04	Introduction to Logic	3

LIST A:

Select one (1) of the following courses (3 units):

Any course from **REQUIRED CORE** not already used (PHIL V01 or V02)

PHIL V05	Critical Thinking	3
PHIL V06A	History of Western Philosophy I: Ancient through Medieval	3
PHIL V06B	History of Western Philosophy II: Modern through Contemporary	3

LIST B:

Select two (2) of the following courses (6 units):

Any course from **LIST A** not already used (PHIL V05, V06A, or V06B)

HIST V01A	Introduction to Western Civilization I	3
HIST V01B	Introduction to Western Civilization II	3
PHIL V03A	Survey of World Religions: East	3
PHIL V03B	Survey of World Religions: West	3

New Degrees/Programs – continued

**Associate in Science Degree
 Certificate of Achievement
 ARCHITECTURAL SCIENCE**

REQUIRED COURSES:		Units
ARCH V10	Introduction to Architectural Design	2
ARCH V21	Architectural Graphics I	3
ARCH V22	Architectural Graphics II	3
ARCH V23/DRFT V05A	Introduction to AutoCad	2
ARCH V25	Digital Tools for Architecture	3
ARCH V31	Architectural Practice I <i>Revit Practice I</i>	3
ARCH V32	Architectural Practice II <i>Revit Practice II</i>	3
ARCH V40	Architectural Design I	3
ARCH V41	Architectural Design II	3
<hr/> Major Units		<hr/> 25

RECOMMENDED ADDITIONAL COURSES:

In addition to the required courses listed above, it is recommended that students who seek to obtain additional insight into the field of study consider taking one or more of the following courses. Although these supplemental courses may be of value to the student, please note that they do **NOT** satisfy the requirements for this degree.

ARCH V11/CT V20/DRFT V02B	BlueprintReading: Architectural/Construction	3
ARCH V24/DRFT V05B	Advanced Operations in AutoCad	2
ARCH V15	Design and Model Construction	2
ARCH V33	Computer Applications in Architecture	3
ARCH V60/CT V60	Simplified Engineering for Building Construction	3
ARCH V64/CT V64	Building Construction: Materials and Methods	3
ARCH V95	Architecture Internship I	2
ARCH V96	Architecture Internship II	2

ADDITIONAL SPECIALIZED COURSES:

Additional Specialized Courses: Although these supplemental courses may be of value to the student, please note that they do **NOT** satisfy the requirements for this degree.

ARCH V58/CT V58	International Residential Code	3
ARCH V59/CT V59	International Building Code	3

New Degrees/Programs – continued

**Certificate of Achievement
 ARCHITECTURAL TECHNOLOGY**

REQUIRED COURSES:		Units
ARCH V23/DRFT V05A	Introduction to AutoCad	2
ARCH V24/DRFT V05B	Advanced operations in AutoCad	2
ARCH V25	Digital Tools for Architecture	3
ARCH V31	Architectural Practice I Revit Practice I	3
ARCH V32	Architectural Practice II Revit Practice II	3

13

RECOMMENDED ADDITIONAL COURSES:

In addition to the required courses listed above, it is recommended that students who seek to obtain additional insight into the field of study consider taking one or more of the following courses. Although these supplemental courses may be of value to the student, please note that they do **NOT** satisfy the requirements for this degree.

ARCH V11/CT V20/DRFT V02	Blueprint Reading: Architectural/Construction	3
ARCH V10	Introduction to Architectural Design	2
ARCH V15	Design and Model Construction	2
ARCH V21	Architectural Graphics I	3
ARCH V33	Computer Applications in Architecture	3
ARCH V40	Architectural Design I	3
ARCH V60/CT V60	Simplified Engineering for Building Construction	3
ARCH V64/CT V64	Building Construction: Materials and Methods	3
ARCH V95	Architecture Internship I	2
ARCH V96	Architecture Internship II	2

New Degrees/Programs – continued

**Certificate of Achievement
DRAFTING TECHNOLOGY**

REQUIRED COURSES:		Units
DRFT V05A/ARCH V23	Introduction to AutoCad	2
DRFT V42	Design Drafting and 3D Modeling	3
DRFT V43	Introduction to SolidWorks	3
DRFT V44	Rapid Design and Prototyping	3

ADDITIONAL COURSE: (Select one)

DRFT V05B/ARCH V24	Advanced Operations in AutoCad	2
DRFT V14A	Technical Illustration I	3
DRFT V51	Design Animation and Modeling	2

13-14

RECOMMENDED ADDITIONAL COURSES:

In addition to the required courses listed above, it is recommended that students who seek to obtain additional insight into the field of study consider taking one or more of the following courses. Although these supplemental courses may be of value to the student, please note that they do **NOT** satisfy the requirements for this degree.

DRFT V2A	Blueprint Reading: Manufacturing	3
DRFT V14B	Technical Illustration I	2
DRFT V18	Drafting Projects	2
DRFT V41	Introduction to Industrial Design Graphics	2
MT V02	Applied Machining	2
MT V35	Production Machining and Tool Design Techniques	3
WEL V01	Introduction to Welding	2

Revised Programs

Proficiency Award
ACTING
 (Awarded by the Department)

REQUIRED COURSES:	<u>Units</u>
THA V02A Fundamentals of Acting	3
THA V14/DANC V14 Movement for the Theatre	4.5 2
THA V31A Acting for Film and Television I	3

REQUIRED ADDITIONAL COURSES:

Select one (1) of the following courses:

MUS V10 College Chorus	1
MUS V11 College Singers	1
MUS V12 Community Choir	1
MUS V13 Voice	1
MUS V45 Beginning Opera/Musical Theatre Workshop	1

Select six (6) units from the following courses with an emphasis on acting:

THA V02B Advanced Acting	3
THA V10A Production and Performance I	1
THA V10B Production and Performance II	2
THA V10C Production and Performance III	3
THA V10D Production and Performance IV	3
THA V31B Acting for Film and Television II	3
THA V90 Directed Studies in Theatre Arts	3

14.5-15

Revised Programs - continued

Proficiency Award
GEOGRAPHIC INFORMATION SYSTEMS (GIS)
Basic Competency
 (Awarded by the Department)

REQUIRED COURSES:		Units
GIS V22/GEOG V22	Fundamentals of Mapping and Geographic Information Systems	3
GIS V26/GEOG V26	Introduction to Geographic Information Systems Software	2
GIS V28A/GEOG V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5
<i>GIS V28B/GEOG V28B</i>	<i>Geographic Information Systems (GIS) Applications: Advanced Project Development</i>	<i>1.5</i>
REQUIRED ADDITIONAL COURSE(S):		
Select one and one half (1.5) units from the following courses:		
GIS V24/GEOG V24	Introduction to Global Positioning Systems (GPS)	0.5
GEOG V90	Directed Studies in Geography (with GIS topic)	0.5
Total		8

New Courses

AUTO V32C	ASE Preparation for Brakes and Suspensions	1 Unit
Recommended Preparation:	Working in the automotive industry	
Hours:	3 laboratory weekly	

This course is designed to help the student prepare for and review the theory and skills necessary to pass the Automotive Service Excellence (ASE) certification examinations in Automotive Brakes (A5) and Suspensions (A4).

Field trips may be required. Offered on a pass/no pass basis only.

AUTO V32E	ASE Preparation for Electrical and Heating/Air Conditioning	1 Unit
Recommended Preparation:	Working in the automotive industry	
Hours:	3 laboratory weekly	

This course is designed to help the student prepare for and review the theory and skills necessary to pass the Automotive Service Excellence (ASE) certification examinations in Electrical (A6) and Heating/Air conditioning (A7).

Field trips may be required. Offered on a pass/no pass basis only.

AUTO V47	Engine Drivability	4 Units
Recommended Preparation:	AUTO V10 or Basic knowledge of automotive systems	
Hours:	2 lecture, 6 laboratory weekly	

This course will focus on engine computer management, ignition systems, and engine mis-firing problems, and is intended to teach the skills required to diagnose, service, and repair these systems. It includes preparation for the ASE certification test in engine performance.

Field trips may be required.

BUS V46	Marketing	3 Units
Recommended Preparation:	BUS V30	
Hours:	3 lecture weekly	

This course introduces the basic concepts and practices of modern marketing, including building customer relationships, strategic planning, market research, buyer behavior, market segmentation, target marketing, new product development, pricing, channels of distribution, retailing, integrated marketing communication, global marketing, marketing in the Internet age, and ethics.

New Courses - continued

MATH V12	Intermediate Algebra for Non-STEM Majors	3 Units
Prerequisite:	MATH V01 or MATH V01E or MATH V11B or placement by the assessment process	
Hours:	3 lecture weekly	

This course is designed for students who will not be pursuing a major in science, technology, engineering, or mathematics. It is designed to meet AA/AS competency in mathematics, and to satisfy the prerequisite for transfer-level courses in non-STEM fields. The course will cover solving equations and inequalities, exponents and radicals, functions and graphs, and quadratic, logarithmic, and exponential functions.

PHIL V10	World Mythology	3 Units
Hours:	3 lecture weekly	

This course explores myths, legends, and traditional stories from worldwide sources, including: African, Asian, European, Meso-American, Middle Eastern, Native American, and South American among others. Recurring symbols, themes, and concepts will be examined, both independently and cross-culturally, in terms of their appearance in folklore, ritual, religion, literature and art.

Transfer credit: CSU

PHOT V70A	Adobe Photoshop I for Digital and Fine Art	3 Units
Recommended Preparation	ART V11A and/or ART V12A and computer fundamentals	
Hours:	2 lecture, 4 laboratory weekly	

This course is designed for students who desire hands-on experience in industry-standard digital image processing software. The image correction and manipulation software gives students an understanding of the tools and techniques needed to produce professional quality results for print and Web images. Students will complete technical tutorials, create a CD-ROM cover, Web banners, and a final print or Web project.

Field trips may be required. Formerly MM V74A. Same as ART V70A. Transfer credit: CSU.

PHOT V70B	Adobe Photoshop II for Digital and Fine Art	3 Units
Recommended Preparation	ART V70A/PHOT V70A, ART V11A and/or ART V12A and computer fundamentals	
Hours:	2 lecture, 4 laboratory weekly	

This course is designed as a hands-on, intermediate course in the technical and artistic aspects of Adobe Photoshop. Students will learn intermediate tools and techniques needed to produce professional quality results for print and Web images. The course will include independent creative projects comprised of written proposals, timelines, and storyboarding.

Field trips may be required. Formerly MM V74B. Same as ART V70B. Transfer credit: CSU.

Revised Courses – continued

ENGL V22B Survey of American Literature: 1865 to Present 3 Units
Prerequisite: ENGL V01A
Hours: 3 lecture weekly

~~This course is a survey of American literature from 1865 to the present, including poetry, fiction and drama. Emphasis will be on the political, social and cultural influences on writers of the Realistic, Regional, Naturalistic, Modern, and Post Modern movements with readings from both traditional and multicultural writers represented~~ ***introduces students to a wide range of American authors and their relationship to major literary and intellectual movements from the second half of the nineteenth century.***

Field trips may be required. Transfer credit: CSU; UC.

ENGL V31 Survey of World Literature II 3 Units
Prerequisite: ENGL V01A
Hours: 3 lecture weekly

~~This course is a survey of world literature and its cultural framework from the Renaissance comparative study of selected works, in translation and in English, of literature from around the world, including Europe, the Middle East, Asia, and other areas, from the mid or late seventeenth century to the present.~~

Field trips may be required. Formerly Engl 31. Transfer credit: CSU; UC.

GEOG V22 Fundamentals Of Mapping And Geographic 3 Units
Information Systems
Hours: 3 lecture weekly

~~This course provides an introduction to the mapping sciences with a primary focus on Geographic Information Systems (GIS)~~ ***mapping and geospatial technologies.*** This is the foundation course for the use of GIS software. It covers the history, structure, uses, hardware and software requirements, as well as the basic operations of GIS. It also examines the use of other operating geographic ***geospatial*** technologies (***paper and digital*** maps, aerial photography, remote sensing, and global positioning systems (GPS)) ~~as they relate to GIS use.~~ Examples will be presented for the uses of GIS software ***these technologies*** in a number of fields including business, city planning, natural resource management and scientific research. This course is recommended for anyone who is using or anticipates using any of the many types of data that can be mapped.

Field trips may be required. Same as GIS V22. Transfer credit: CSU; UC; credit limitations - see counselor

Revised Courses – continued

GEOG V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5 Units
Recommended preparation:	GIS V26 or GEOG V26 or equivalent skills	
Hours:	1 lecture, 1.5 laboratory weekly	

This course is an exploration of various Geographic Information Systems (GIS) techniques and concepts through an active learning approach. Students will define, propose, design and execute a project that will incorporate GIS skills and knowledge.

Field trips may be required. Formerly GEOG V28. Same as GIS V28A.

GIS V22	Fundamentals Of Mapping And Geographic Information Systems	3 Units
Hours:	3 lecture weekly	

This course provides an introduction to ~~the mapping sciences with a primary focus on~~ ~~Geographic Information Systems (GIS)~~ **mapping and geospatial technologies**. This is the foundation course for the use of GIS software. It covers the history, structure, uses, hardware and software requirements, as well as the basic operations of GIS. It also examines the use of other operating ~~geographic~~ **geospatial** technologies (*paper and digital* maps, aerial photography, remote sensing, and global positioning systems (GPS)) ~~as they relate to GIS use~~. Examples will be presented for the uses of ~~GIS software~~ **these technologies** in a number of fields including business, city planning, natural resource management and scientific research. This course is recommended for anyone who is using or anticipates using any of the many types of data that can be mapped.

Field trips may be required. Same as GEOG V22. Transfer credit: CSU; UC; credit limitations - see counselor

GIS V28A	Geographic Information Systems (GIS) Applications: Project Development	1.5 Units
Recommended preparation:	GIS V26 or GEOG V26 or equivalent skills	
Hours:	1 lecture, 1.5 laboratory weekly	

This course is an exploration of various Geographic Information Systems (GIS) techniques and concepts through an active learning approach. Students will define, propose, design and execute a project that will incorporate GIS skills and knowledge.

Field trips may be required. Formerly GIS V28. Same as GEOG V28A.

Revised Courses – continued

MATH V52 Discrete Structures 3 Units
Prerequisite: MATH V20 or both MATH V04 and MATH V05; or placement as measured by the college assessment process
Recommended preparation: CS V11 or equivalent
C-ID: COMP 152
Hours: 3 lecture weekly
This course introduces the student to discrete mathematics as it is used in computer science. Topics include ~~functions~~ **formal logic**, ~~relations~~ **proofs**, sets, ~~propositional and predicate logic~~, simple circuit logic, proof techniques, elementary combinatorics, and discrete probability **combinatorics, probability, functions, graph theory, Boolean Algebra, and Modeling with programming.**
Field trips may be required. Same as CS V17. Transfer credit: CSU; UC; credit limitations - see counselor.

THA V14 Movement for the Theatre 2 Units
Hours: ~~0.5~~ 1 lecture weekly, 3 laboratory weekly

This course teaches the fundamentals of multiple movement techniques for students in the theatre and related arts. The course focuses on the development of the student's individual movement expression. Through practice of organizing and reorganizing the body in multiple ways the student becomes aware of how to respond to the emotional and physical needs of a character. Flexibility, relaxation, control, and creative expression will be developed.
Field trips may be required. May be taken for a maximum of 4 times. Formerly Dance 14. Same as DANC V14. Transfer credit: CSU; UC; credit limitations – see counselor.

Book	VCCCD Administrative Procedure Manual
Section	Chapter 4 Academic Affairs
Title	AP 4102 OCCUPATIONAL/VOCATIONAL TECHNICAL PROGRAMS
Number	AP 4102
Status	Active
Legal	Title 5, Sections 55600 et seq., California Education Code, Section 78016
Adopted	July 14, 2009
Last Reviewed	June 25, 2009

Career Technical Education (CTE) Program Development and Approval

[This procedure applies only to programs with a Taxonomy of Programs \(TOP\) code that designates it as vocational or career technical in nature.](#) All CTE program development ~~must also process~~ follows the steps outlined in AP 4020 Program, Curriculum and Course Development. ~~However, in addition, new CTE program development m development~~ must also include the following:

1. South Coast Regional Consortium Submission-SCRC:

After local Board of Trustees approval, the proposed CTE program must be submitted to the South Coast Regional Consortium (SCRC) for review and ~~support~~approval, ~~where applicable.~~ ~~SCRC review is required prior to CCCCO submission. While SCRC approval is not required for CCCCO submission, it is recommended; it is highly unlikely that CCCCO approval will be given without SCRC consent.~~ Per the Program and Course Approval Handbook, 5th Edition, Regional Consortium approval is required.

2. Narrative Criteria A-E Items and Additional Supporting Documentation as guided by the most recent Program and Course Approval Handbook(per Program and Course Approval Handbook, 5th Edition) Form CCC-501: Completion of CTE elements in Form CCC-501 Application of Approval -- New Credit Program, including, but not limited to:

- ~~▪~~ Labor market information and analysis
- ~~▪~~ Employer survey
- ~~▪~~ Justification of the new for new career technical education program through job market study
- ~~▪~~ Explanation of Employer Relationship
- ~~▪~~ Membership roster and minutes from most recent advisory committee meeting

3. Advisory Committee

Members of the advisory committee shall be employees selected from business or industry related to the program, high school/university representatives, students or alumni of the program, or other interested individuals with expertise in the area, or agency representatives. A balance should exist of faculty and staff representatives of the college discipline to the business/industry representatives. College representatives should be no more than 20% of the committee membership.

4. CTE Program Review

DTRW-I review 3.07.13
DTRW-I review 4.11.13
DTRW-I review 9.26.13
DTRW-I review 10.24.13
DTRW-I review 12.05.13

CTE program review is required every two years (Ed Code §78016), in accordance to established program review practices at each District College. In addition to the established program review elements, the review process must include at a minimum, ~~but is not limited, to the following:~~

- Current viability of the CTE program
- Continuing market relevance of CTE
- Demonstration of student completion
- Demonstration of student success in state or regional licensure, or comparable examinations
- Continuing review by Advisory Committee identifying skills and competencies needed in the local workforce.
- Demonstration of student success in obtaining employment

DTRW-I review 3.07.13

DTRW-I review 4.11.13

DTRW-I review 9.26.13

[DTRW-I review 10.24.13](#)

[DTRW-I review 12.05.13](#)