



ANTELOPE VALLEY COLLEGE

# AP&P Agenda

Thursday, March 8, 2018  
 BE 314  
 3:00 – 5:30pm

**Type of Meeting:** *Regular*  
**Note Taker:** *Melissa Jauregui, Academic Affairs Specialist*  
**Please Review/Bring:** The past minutes for accuracy.

**Committee Members:**

- |  |   |
|--|---|
| Jeffrie Ahmad, Faculty Division Rep                  | Cynthia Littlefield, Faculty Division Rep   |
| Bonnie Curry, Faculty Division Rep                   | Mark McGovern, Faculty Division Rep         |
| Riley Dwyer, Academic Dean                           | Alberto Mendoza, Adjunct Rep                |
| Jessica Eaton, Articulation Officer                  | Terry Rezek, Faculty Division Rep           |
| Luis Echeverria, Faculty Division Rep                | Tim Sturm, Faculty Division Rep             |
| Ibrahim Ganley, Faculty Division Rep                 | Bonnie Suderman, Co-chair                   |
| Irit Gat, Faculty Division Rep                       | Deborah Sullivan-Ford, Faculty Division Rep |
| Tooraj Gordi, Faculty Division Rep                   | LaDonna Trimble, Student Services Dean      |
| Richie Neil Hao, Faculty Division Rep                | Les Uhazy, Technical Education Dean         |
| Michael Hutchison, Faculty Division Rep              | Darcy Wiewall, Co-chair                     |
| Scott Lee, Faculty Division Rep/Librarian/DE Liaison |   |

Items	Person	Action
I. Opening Comments from the Co-chair	<i>Darcy/ Bonnie</i>	
II. Meeting Minutes – -11/9/2017 -11/30/2017	<i>All</i>	<b><u>Issues Discussed:</u></b>  <b><u>Action Taken:</u></b>  <b><u>Follow Up Items:</u></b>
III. Informational Item – -2017-2018 Meeting Schedule: 3/22/18, 4/12/18, 4/26/18, 5/10/18 -Deactivations Impact AUTO 176 Family Consumer Sciences, AS -Courses due Fall 2018 -Instructional Material Fee List -TOP/CIP/SO/SAM List Changes -Discipline List and Minimum Qual -Credit by Exam List -BIOL 100 Online Removed from Course -18-19 College Catalog	<i>Darcy</i>	<b><u>Issues Discussed:</u></b>  <b><u>Action Taken:</u></b>  <b><u>Follow Up Items:</u></b>
IV. Discussion -Committee Goals -LAS Degrees		<b><u>Issues Discussed:</u></b>  <b><u>Action Taken:</u></b>  <b><u>Follow Up Items:</u></b>



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V. Action Item – Substantial Course Revision: -ESL 053 Online -ESL 058 Online	<i>All</i>	<b><u>Issues Discussed:</u></b>  <b><u>Action Taken:</u></b>  <b><u>Follow Up Items:</u></b>
<b>NEXT MEETING DATE: 3/22/18</b>		

# AP&P Agenda Addendum

Thursday, March 8, 2018  
BE 314  
3:00 – 5:30pm

**I. 2018-19 AP&P Deadline – Courses and Programs need to be approved by 11/8/2018 for Fall 2019 inclusion**

- CORs due 2016-2017 academic year – List at the end of the agenda
- CORs due 2017-2018 academic year – List at the end of the agenda
- CORs due 2018-2019 academic year – List at the end of the agenda
- TMC Degrees that may need to be developed and brought to AP&P – List at the end of the agenda
- C-ID Approval needed, COR revised and brought to AP&P – List at the end of the agenda

**II. Proxy Memo needed for all committee members. Email Darcy Wiewall, CC dean, proxy, and Melissa Jauregui indicating the name of the proxy.**

1. Jeffrie Ahmad, Faculty Division Rep – *Priscilla Jenison*
2. Bonnie Curry, Faculty Division Rep – *Denise Walker*
3. Riley Dwyer, Technical Education Dean – *Vacant*
4. Jessica Eaton, Articulation Officer – *Vacant*
5. Luis Echeverria, Faculty Division Rep – *Dietra Jackson*
6. Ibrahim Ganley, Faculty Division Rep – *Cynthia Lehman*
7. Irit Gat, Faculty Division Rep – *Nancy Bednar*
8. Tooraj Gordi, Faculty Division Rep – *Mike Tran*
9. Richie Neil Hao, Faculty Division Rep – *Vacant*
10. Michael Hutchison, Faculty Division Rep – *Debra Dickinson*
11. Scott Lee, Faculty Division Rep/Librarian/DE Liaison – *Carolyn Burrell*
12. Cynthia Littlefield, Faculty Division Rep – *Lisa Karlstein*
13. Mark McGovern, Faculty Division Rep – *David Newman*
14. Alberto Mendoza, Adjunct Rep – *Fiorella Chauca*
15. Terry Rezek, Faculty Division Rep – *Lisa Karlstein*
16. Tim Sturm, Faculty Division Rep – *Maria Clinton*
17. Bonnie Suderman, Co-chair – *Les Uhazy*
18. Deborah Sullivan-Ford, Faculty Division Rep – *Kathleen Ballestero*
19. LaDonna Trimble, Student Services Dean – *Gary Roggenstein*
20. Les Uhazy, Academic Dean – *Tom O'Neil*
21. Darcy Wiewall, Co-chair – *Mark McGovern*
22. *Position Vacant*, Student Rep – *Vacant*
23. *Position Vacant*, Non-Voting Student Rep – *Vacant*

**III. CSUGE/IGETC Course Designation**

- IGETC
  1. MATH 116 – Area 2A
  2. MUS 111 – Area 3A
  3. PSY 230 – Area 4I
  4. PSY 232 – Area 4I
  5. PSY 244 – Area 4I
  6. SOC 111 – Area 4J
  7. SOC 120 – Area 4J
  8. SPAN 110SS – Area 6A
- UC Transferable
- CSU/GE
  1. AFAB 130 – Area E
  2. AFAB 130 – Area C2
  3. MATH 116 – Area B4
  4. PSY 244 – Area D9
  5. SOC 120 – Area D0, D7, E

**IV. SB 1440 AA-T/AS-T that need to be developed and submitted to AP&P**

Area of Study	CCCCO Template	Articulation Agreements	PLO	Recommended Plan of Study	CurricUNET Status
1. Agriculture Animal Sciences	X				Not developing
2. Agriculture Business	X				Not developing
3. Agriculture Plant Sciences	X				In Progress
4. Child and Adolescent Development	X				
5. Computer Science	X				Can develop
6. Elementary Teacher Education	X				Cannot develop, no full-time faculty in area

7. Environmental Sciences	X				
8. Film, Television and Electronic Media	X				In Progress
9. Global Studies	X				
10. Hospitality Management	X				
11. Journalism	X				Cannot develop, no full-time faculty in area
12. Law, Public Policy, and Society	X				
13. Nutrition and Dietetics	X				In Progress
14. Public Health Science	X				
15. Social Justice Studies	X				
16. Social Work and Human Services	X				

V. **C-ID REPORT FOR TMC's**

COURSE	C-ID DESC.	STATUS	EXPIRES	ADT	STATUS
AG-EH 112L	AGRI 234	CONDITIONAL	11/14/17		
ART 101	ARTH 110	CONDITIONAL	3/12/2017	Art History	
ART 102	ARTH 120	CONDITIONAL	1/28/2017	Art History	
ART 103	ARTH 140	CONDITIONAL	5/11/2016	Art History	Submitted in Curricunet
CA 103	BUS 140	NOT APPROVED			Submitted in Curricunet
CIS 111	COMP 122	CONDITIONAL	5/9/2016		Submitted in Curricunet
COMM 215	JOUR 150	CONDITIONAL	6/21/2017		
JOUR 123	JOUR 210	NOT APPROVED			
MATH 120	MATH 120	CONDITIONAL	8/22/2017		
MATH 124	MATH 130	CONDITIONAL	7/1/2016	Economics	
MATH 140	MATH 155	CONDITIONAL	8/10/2016		
MATH 150 MATH 160	MATH 900S	CONDITIONAL	9/2017	Chemistry Mathematics Physics	Submitted
MATH 230	MATH 240	CONDITIONAL	3/26/2017	Mathematics	Submitted
MATH 250	MATH 230	CONDITIONAL	3/26/2017	Economics Mathematics Physics	Submitted
NF 100	NF 110	CONDITIONAL	4/18/2017		

VI. **2016-2017 Course by Division that need to be revised and submitted to AP&P**

Div	Course	UC Transferable	Last Offered	Scheduling Restrictions	Status
<b>Career Technical Education</b>					
	AUTO 176			Cannot schedule 17-18	Submitted - Pending Faculty revise program

VII. **2017-2018 Course by Division that need to be revised and submitted to AP&P**

Div	Course	UC Transferable	Last Offered	Scheduling Restrictions	Status
<b>Health and Safety Sciences</b>					
	KIN 100			Cannot schedule 18-19	Submitted – Agenda
	KIN 101			Cannot schedule 18-19	Submitted – Agenda
	KIN 102			Cannot schedule 18-19	Submitted – Agenda
	KIN 111			Cannot schedule 18-19	Submitted - Agenda
	KIN 115			Cannot schedule 18-19	Submitted - Agenda

	KIN 140			Cannot schedule 18-19	Submitted - Agenda
	KIN 180			Cannot schedule 18-19	Submitted - Agenda
<b>Math, Science &amp; Engineering</b>					
	BIOL 100			Cannot schedule 18-19	Submitted – Agenda
	MATH 065			Cannot schedule 18-19	Submitted – Agenda
	MATH 070			Cannot schedule 18-19	Submitted – Agenda
	MATH 102			Cannot schedule 18-19	Submitted – Agenda
	MATH 128			Cannot schedule 18-19	Submitted – Agenda
	MATH 150			Cannot schedule 18-19	Submitted – Agenda
	MATH 160			Cannot schedule 18-19	Submitted – Agenda
<b>Rhetoric &amp; Literacy</b>					
	ESL 053			Cannot schedule 18-19	Submitted – Agenda
	ESL 058			Cannot schedule 18-19	Submitted – Agenda
<b>Social &amp; Behavioral Sciences</b>					
	CT 212			Cannot schedule 18-19	Submitted - Agenda
	ECON 101			Cannot schedule 18-19	Submitted - Agenda
	HIST 107			Cannot schedule 18-19	Submitted - Agenda

**VIII. 2018-2019 Course by Division that need to be revised and submitted to AP&P**

Div	Course
AAH	ART 104, History of Modern and Contemporary Art in the 20th Century
AAH	ART 150, 3-D Design Basics
AAH	ART 216, Life Drawing
AAH	DA 101 Dance Appreciation
AAH	DA 106 Ballroom Dance
AAH	DA 122 Intermediate Ballet
AAH	DA 123 Intermediate Modern Dance
AAH	DA 124 Intermediate Jazz Dance
AAH	DA 125 Intermediate Tap Dance
AAH	DA 202 Advanced Ballet
AAH	DA 203 Advanced Modern Dance
AAH	DA 204 Advanced Jazz Dance
AAH	DA 205 Advanced Tap Dance
AAH	DFST 101 American Sign Language I
AAH	DFST 102 American Sign Language II
AAH	DFST 201 American Sign Language III
AAH	DFST 202 American Sign Language IV
AAH	DM 113 Photoshop I
AAH	DM 113L Photoshop I Lab
AAH	DM 115 Graphic Communications I
AAH	DM 115L Graphic Communications I Lab
AAH	DM 127 Web Design and Production I
AAH	DM 127L Web Design and Production I Lab
AAH	DM 128 Web Design and Production II
AAH	DM 128L Web Design and Production II Lab
AAH	DM 133 Digital Printing I
AAH	DM 133L Digital Printing I Lab
AAH	DM 143 Computer 2-D Animation
AAH	DM 143L Computer 2-D Animation Lab

AAH	DM 145 Computer 3-D Animation
AAH	DM 145L Computer 3-D Animation Lab
AAH	DM 203 Graphic Design II
AAH	DM 203L Graphic Design II Lab
AAH	DM 205 Digital Illustration
AAH	DM 205L Digital Illustration Lab
AAH	DM 206 Video Design and Production II
AAH	DM 206L Video Design and Production II Lab
AAH	DM 213 Photoshop II
AAH	DM 213L Photoshop II Lab
AAH	DM 215 Graphic Communications II
AAH	DM 215L Graphic Communications II Lab
AAH	DM 233 Digital Printing II
AAH	DM 233L Digital Printing II Lab
AAH	DM 246 Portfolio and Job Search
AAH	DM 246L Portfolio and Job Search Lab
AAH	DM 298 Special Studies in Digital Media
AAH	DM 298L Special Studies in Digital Media Lab
AAH	FTV 103 Introduction to Television
AAH	FTV 121 Introduction to Digital Filmmaking
AAH	FTV 155 Film Festival Analysis
AAH	INT 202 Sign Language Interpreting I
AAH	INT 203 Sign Language Interpreting II
AAH	INT 204 Sign/English Transliteration
AAH	INT 205 Interpreting in Specialized Settings
AAH	INT 206 Introduction to Sign to English Interpreting (Voicing
AAH	MUS 101 Music Appreciation
AAH	MUSC 133 Studio Music Production I
AAH	MUSC 133L Studio Music Production I Lab
AAH	MUSC 134 Studio Music Production II
AAH	MUSC 134L Studio Music Production II Lab
AAH	MUSC 143 Live Sound Reinforcement
AAH	MUSC 233 Studio Music Production III
AAH	MUSC 233L Studio Music Production III Lab
AAH	MUSC 234 Studio Music Production IV
AAH	MUSC 234L Studio Music Production IV Lab
AAH	PHIL 109 World Religion
AAH	PHIL 110 Introduction to Logic
AAH	PHOT 107 History of Photography
AAH	PHOT 213 Life Photography
AAH	PHOT 213L Life Photography Lab
AAH	PHTC 101 Beginning Black and White Photography
AAH	PHTC 101L Beginning Black and White Photography Lab
AAH	PHTC 125 Beginning Digital Photography
AAH	PHTC 125L Beginning Digital Photography Lab
AAH	PHTC 150 Beginning Color Photography
AAH	PHTC 150L Beginning Color Photography Lab

AAH	PHTC 201 Advanced Black and White Photography
AAH	PHTC 201L Advanced Black and White Photography Lab
AAH	PHTC 203 Foundations of Cameras and Composition
AAH	PHTC 203L Foundations of Cameras and Composition Lab
AAH	PHTC 205 Documentary and Photojournalism
AAH	PHTC 205L Documentary and Photojournalism Lab
AAH	PHTC 211 Wedding, Portrait and Event Photography
AAH	PHTC 211L Wedding, Portrait and Event Photography Lab
AAH	PHTC 215 Photography Studio Practices
AAH	PHTC 215L Photography Studio Practices Lab
AAH	PHTC 275 Advanced Digital Photography
AAH	PHTC 275L Advanced Digital Photography Lab
AAH	PHTC 298 Special Studies in Photography
AAH	PHTC 298L Special Studies in Photography Lab
AAH	SPAN 201 Intermediate Spanish I
COUN	HD 103 Career Planning
CTE	ACCT 205, Managerial Accounting
CTE	AUTO 231 Automatic Transmissions (General Motors)
CTE	AUTO 232 Automatic Transmissions (Ford and Chrysler)
CTE	AUTO 277 Electronic Engine Controls-General Motors Systems
CTE	AUTO 278 Electronic Engine Controls-Ford/Chrysler Systems
CTE	BUS 113, Business Communication
CTE	BUS 212 Woman in Organization
CTE	CA 171 Introduction to Networking
CTE	CA 176 Windows Server Networking
CTE	CA 182 Network Security
CTE	CA 183 Security Countermeasures
CTE	CIS 101 Introduction to Computer Information Science
CTE	CIS 141 Introduction to Basic Programming
CTE	CIS 145 Introduction to Visual Basic.Net Programming
CTE	DRFT 130 Architectural Drafting I
CTE	DRFT 240, Electronic Drafting
CTE	ELEC 140 Commercial/Industrial Wiring and Cabling
CTE	ELEC 150 Electrical Maintenance
CTE	ELEC 160 Fundamentals of Motor Control
CTE	ELEC 220 Advanced Motor Control-PLC
CTE	ELEC 250 Electricians Journeyman Review
CTE	ELTE 180 Microprocessor Systems
CTE	ELTE 220 Microprocessor Systems II
CTE	MGT 101 Management Principles
CTE	MKTG 101 Principles of Marketing
HSS	ATH 102L Practical Applications of Athletic Training I Lab
HSS	FTEC 102 (I-200) Basic Incident Command System
HSS	FTEC 111 Fire Protection Organization
HSS	FTEC 112 Fire Prevention Technology
HSS	FTEC 114 Building Construction for Fire Protection
HSS	FTEC 115 Fire Behavior and Combustion

HSS	FTEC 117 Preparing to be a Firefighter
HSS	FTEC 120 (S-212 Wildfire Power Saws
HSS	FTEC 122 Wildland Firefighter
HSS	FTEC 125 Haz Mat First Responder Operations
HSS	FTEC 126 Wildland Fire Behavior
HSS	FTEC 127 Wildland Firefighter Safety and Survival
HSS	FTEC 128 Wildland Fire Operations
HSS	FTEC 129 Wildland Public Information Officer, Prevention and Investigation
HSS	FTEC 130 Wildland Fire Logistics, Finance and Planning
HSS	FTEC 131 (L-280) Followership to Leadership
HSS	FTEC 132 (S-131) Advanced Firefighter Training
HSS	FTEC 137 (S-211) Portable Pumps and Water Use
HSS	FTEC 138 Wildland Engine Firefighter
HSS	FTEC 141 (S-234) Ignition Operations
HSS	FTEC 142 (P-151) Wildfire Origin and Cause Determination
HSS	FTEC 144 (S-230) Single Resource Crew Boss
HSS	FTEC 149 (S-260) Interagency Incident Business Management
HSS	FTEC 150 (S-270) Basic Air Operations
HSS	FTEC 222 Wildland Fire Control
HSS	FTEC 240 Fuel Management and Fire Use
HSS	FTEC 250 (I-300) Intermediate Incident Command System
HSS	FTEC 295A Firefighter 1 Academy Module A
HSS	FTEC 295AL Firefighter 1 Academy Module A Lab
HSS	FTEC 295B Firefighter 1 Academy Module B
HSS	FTEC 295BL Firefighter 1 Academy Module B Lab
HSS	HE 201 Women's Health Issues
HSS	NF 102 Nutrition and Food for Children
HSS	RADT 103 Radiographic Positioning and Procedures I
HSS	RADT 106 Radiographic Clinical Practicum IA
HSS	RADT 107 Radiographic Positioning and Procedures II
HSS	RADT 201 Radiographic Clinical Practicum III
HSS	RADT 202 Radiographic Pathology
HSS	RADT 207 Advanced Radiographic Procedures
HSS	RCP 203 Seminar and Practicum in Respiratory Care I
LIB	LIB 107 Information Literacy
LIB	LIB 110 Introduction to Internet Research
MSE	BIOL 201 General Human Anatomy
MSE	BIOL 202 General Human Physiology
MSE	GEOG 102 Physical Geography: Earth's Weather and Climate
MSE	GEOG 105 Cultural Geography
MSE	GEOG 106 California Geography
MSE	GER 101 Elementary German 1
MSE	GER 102 Elementary German 2
MSE	MATH 135, Plane Trigonometry
MSE	MATH 220 Linear Algebra
MSE	PHYS 211 General Physics
PALM	WE 199 Occupational Work Experience



RL	ENGL 102 Critical Thinking and Literature
RL	ENGL 103 Critical Thinking and Research
RL	ENGL 221 American Literature, 1400-1865
RL	ENGL 222 American Literature, 1865-Present
RL	ENGL 225 English Literature, 800-1750
RL	ENGL 227 English Literature, 1750-Present
RL	ENGL 230 World Literature I
RL	ENGL 231 World Literature 2
RL	ENGL 235 Shakespeare: Tragedies and Histories
RL	ENGL 236 Shakespeare: Comedies, Romances and Sonnets
RL	ENGL 240 Studies in Poetry
RL	ENGL 242 Studies in Fiction
RL	ENGL 246 Studies in Drama
RL	ENGL 250 Cross-Cultural Literature in America
RL	ENGL 253 African American Literature
RL	ENGL 256 Hispanic and Latin American Literatures
RL	ENGL 257 Native American Literature
RL	ENGL 259 Gender, Image, and Rhetoric
RL	ENGL 279 Science Fiction and Dystopic Literature
RL	ENGL 299 Special Topics in Literature
RL	ESL 099 Advanced Composition
RL	LAC 098 Math for Nursing
RL	LAC 099 Dosage Calculation
RL	LAC 900 Supervised Tutoring
RL	LAC 901 Supervised Learning Assistance
SBS	AJ 102, Criminal Law
SBS	AJ 110, Terrorism Investigation
SBS	AJ 201, Police in Society
SBS	AJ 204, Juvenile Procedures
SBS	AJ 208 Introduction to Forensic Science
SBS	ANTH 102, Introduction to Cultural Anthropology
SBS	ANTH 130, Field Archaeology in Latin America
SBS	ANTH 140, Introduction to Archaeology
SBS	CFE 109, Supervision and Administration of Childhood Programs I
SBS	CFE 110 Supervision and Administration of Childhood Programs II
SBS	ECON 110 Economics of the Underclass
SBS	ID 220 Designing Residential Interiors
SBS	ID 230 Fundamentals of Lighting Design
SBS	ID 240 Fundamentals of Computer Aided Drafting and Design (CADD)
SBS	ID 250 Professional Interior Design Business Practices
SBS	ID 260 Residential Space Planning
SBS	POLS 120 International Organizations
SBS	POLS 201 Contemporary International Relations
SBS	PSY 200 Introduction to Research Methods in Psychology
SBS	PSY 233 Personal and Social Adjustment
SBS	PSY 234 Abnormal Psychology
SBS	PSY 235 Child Psychology

SBS	PSY 244 Introduction to Counseling
SBS	SOC 111 Issues and concepts in Aging
SBS	SOC 116 Sociology of Gender and Sexuality
SBS	SOC 120 Drugs, Society and Human Behavior

**IX. 2018-2019 Programs by Division that need to be revised and submitted to AP&P**

<b>Program Title</b>	<b>Program Type</b>
Administration of Justice	A.A. Degree
Administrative Medical Assistant	A.S. Degree
Administrative Medical Assistant	Certificate of Achievement:18 or greater semester
Air Conditioning Specialist	A.S. Degree
Air Conditioning Specialist	Certificate of Achievement:18 or greater semester
Air Conditioning-Refrigeration Specialist	A.S. Degree
Air Conditioning-Refrigeration Specialist	Certificate of Achievement:18 or greater semester
Aircraft Airframe	A.S. Degree
Aircraft Airframe	Certificate of Achievement:18 or greater semester
Aircraft Powerplant	A.S. Degree
Aircraft Powerplant	Certificate of Achievement:18 or greater semester
Arts and Humanities	A.A. Degree
Clinical Medical Assistant	A.S. Degree
Clinical Medical Assistant	Certificate of Achievement:18 or greater semester
Commercial Photography	A.A. Degree
Commercial Photography	Certificate of Achievement:18 or greater semester
Computer Animation	A.A. Degree
Computer Animation	Certificate of Achievement:18 or greater semester
CSU General Education	Certificate of Achievement:18 or greater semester
Deaf Studies: American Sign Language	A.A. Degree
Deaf Studies: American Sign Language	Certificate of Achievement:18 or greater semester
Digital Photographic Imaging	A.A. Degree
Digital Photographic Imaging	Certificate of Achievement:18 or greater semester
Digital Printing	A.A. Degree
Digital Printing	Certificate of Achievement:18 or greater semester
Driveability, Emissions, and Electrical	A.S. Degree
Driveability, Emissions, and Electrical	Certificate of Achievement:18 or greater semester
Math and Sciences	A.A. Degree
Mathematics	A.S. Degree
Medical Assistant	A.S. Degree
Medical Assistant	Certificate of Achievement:18 or greater semester
Office Specialist	A.S. Degree
Office Specialist	Certificate of Achievement:18 or greater semester
Office Technology: Administrative Assistant	A.S. Degree
Office Technology: Administrative Assistant	Certificate of Achievement:18 or greater semester
Physical Sciences	A.S. Degree
Respiratory Therapy	A.S. Degree
School-Aged Child Care	A.A. Degree

School-Aged Child Care	Certificate of Achievement:18 or greater semester
Social/Behavioral Sciences	A.A. Degree
Video Design & Production	A.A. Degree
Video Design & Production	Certificate of Achievement:18 or greater semester
Wildland Fire Technology	Certificate of Achievement:18 or greater semester
Wildland Fire Technology	A.S. Degree

**X. Course Deactivations Impact on Other Programs/Courses**

- A. AUTO 176 – Program revision required**
- B. MUS 170, 171, 270**
- C. MGT 105, 212**
- D. MKTG 121**
- E. KIN 110, 111, 145, 165, 180, 190**

## Approved Instructional Material Fee

Division	Subj	#	Title	Fee
AHUM	ART	100	Art Appreciation	\$6.00
AHUM	ART	110	Drawing	\$12.00
AHUM	ART	113	Painting I	\$12.00
AHUM	ART	116	Illustration	\$12.00
AHUM	ART	120	Introduction to Printmaking	\$12.00
AHUM	ART	121	Digital Art and Drawing	\$12.50
AHUM	ART	132	Intro to Ceramics Hand Bldg	\$50.00
AHUM	ART	135	Beg Wheel-Thrown Ceramics	\$50.00
AHUM	ART	136	Int Wheel-Thrown Ceramics	\$50.00
AHUM	ART	137	Advanced Wheel-Thrown Ceramics	\$50.00
AHUM	ART	140	Watercolor	\$6.00
AHUM	ART	145	2-D Design Basics	\$18.50
AHUM	ART	150	3-D Design Basics	\$12.00
AHUM	ART	163	Painting II	\$12.00
AHUM	ART	170	Drawing II	\$12.00
AHUM	ART	210	Drawing III	\$12.00
AHUM	ART	213	Painting III	\$12.00
AHUM	DM	101	Digital Media Arts	\$18.50
AHUM	DM	103	Graphic Design I	\$20.00
AHUM	DM	105	Interactive Media	\$18.50
AHUM	DM	106	Video Design & Prod I	\$18.50
AHUM	DM	110	Motion Graphics	\$20.00
AHUM	DM	112	Experimental Digital Video	\$20.00
AHUM	DM	113	Photoshop I	\$12.50
AHUM	DM	115	Graphic Communications I	\$20.00
AHUM	DM	127	Web Design and Production I	\$18.50
AHUM	DM	128	Web Design and Production II	\$18.50
AHUM	DM	133	Digital Printing I	\$15.00
AHUM	DM	143	Computer 2-D Animation	\$16.50
AHUM	DM	145	Computer 3-D Animation	\$12.50
AHUM	DM	203	Graphic Design II	\$20.00
AHUM	DM	205	Digital Illustration	\$20.00
AHUM	DM	206	Video Des & Prod II	\$18.50
AHUM	DM	213	Photoshop II	\$20.00
AHUM	DM	215	Graphic Communications II	\$12.50
AHUM	DM	233	Digital Printing II	\$15.00
AHUM	DM	246	Portfolio and Job Search	\$20.00
AHUM	DM	298	Special Studies Digital Media	\$18.50
AHUM	MUSC	133	Studio Music Production I	\$6.00
AHUM	MUSC	134	Studio Music Production II	\$6.00
AHUM	MUSC	233	Studio Mus Production III	\$6.00
AHUM	MUSC	234	Studio Music Production IV	\$6.00
AHUM	PHOT	213	Life Photography	\$18.50
AHUM	PHTC	101	Beg Black and White Photo	\$16.00
AHUM	PHTC	125	Beginning Digital Photography	\$20.50
AHUM	PHTC	150	Beginning Color Photography	\$16.00

## Approved Instructional Material Fee

Division	Subj	#	Title	Fee
AHUM	PHTC	201	Adv Black and White Photo	\$16.00
AHUM	PHTC	203	Cameras & Composition	\$20.25
AHUM	PHTC	205	Documentary & Photojournalism	\$20.25
AHUM	PHTC	211	Wedd, Port & Event Photo	\$20.50
AHUM	PHTC	215	Photography Studio Practices	\$20.50
AHUM	PHTC	275	Advanced Digital Photography	\$20.50
AHUM	PHTC	298	Special Studies in Photography	\$20.50
AHUM	THA	133	Makeup for the Stage	\$70.00
HSS	RADT	208	Radiographic Cert Prep	\$110.00
HSS	RCP	204	Sem and Prac in Resp Care II	\$187.00
HSS	VN	111	VN in the Child-Bearing Fam	\$29.00
HSS	VN	113	Nursing Leadership Med-Surg	\$51.00

## 2017-2018 AP&P Committee Goals

1. Sub-committee to evaluate the *elumen* platform;
  - make recommendations to the committee to adopt
  - develop training for committee members.
2. Develop AP&P Single-sheet Calendar
3. Update AP&P website
  - Links
  - AP&P Handbook as Live document
4. Sub-committee to look at the Corporate Education Process

TOP/CIP/SO/SAM/Max Enrollment

Div	Dept	Subj	#	Enroll Max	CTE	NEW TOPC	TOPC	TOP Title	NEW CIPC	CIPC	CIP Title	SOC	SAMC	NEW SAM	Last Taught
AHUM	VA	ART	110	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	113	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	116	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Spring 2017
AHUM	VA	ART	132	24		100230	100200	Art	500711	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	137	24		100230	100200	Art	500711	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	140	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	150	24	Yes		061400	Digital Media		10.0303	Prepress/Desktop Publishing and Digital Imaging Design.		E	D	Fall 2017
AHUM	VA	ART	210	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	213	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	216	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Fall 2017
AHUM	VA	ART	230	24		100210	100200	Art	500705	50.0701	Art/Art Studies, General.		E		Spring 2015
AHUM	WLP	DFST	105	30			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	WLP	DFST	108	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Spring 2017
AHUM	WLP	DFST	201	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	WLP	DFST	202	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	WLP	DFST	204	35			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Spring 2017
AHUM	WLP	DFST	101L	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	WLP	DFST	102L	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	WLP	DFST	201L	25			085000	Sign Language		16.1601	American Sign Language (ASL).		D	E	Fall 2017
AHUM	VA	FTV	103	35	Yes		060400	Radio and Television		09.0701	Radio and Television.		E	D	Fall 2017
AHUM	PA	MUSC	112	25	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		C	D	Fall 2017
AHUM	PA	MUSC	222	15	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		D	C	Fall 2017
AHUM	PA	MUSC	223	15	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		D	C	Fall 2017
AHUM	PA	MUSC	225	20	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		D	C	Fall 2017
AHUM	PA	MUSC	124B	25	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		D	C	Spring 2017
AHUM	PA	MUSC	124C	25	Yes		100500	Commercial Music		10.0203	Recording Arts Technology/Technician.		D	C	Spring 2017
AHUM	VA	PHOT	107	30			101100	Photography		50.0605	Photography.		D	E	Fall 2017
AHUM	WLP	SPAN	101	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	102	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	201	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	202	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	203	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Spring 2017
AHUM	WLP	SPAN	110SS	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	210SS	35			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Fall 2017
AHUM	WLP	SPAN	220SS	30			110500	Spanish		16.0905	Spanish Language and Literature.	251124	E		Spring 2017
AHUM	PA	THA	215	25			100700	Dramatic Arts		50.0501	Drama and Dramatics/Theatre Arts, General.		D	E	Fall 2017
HSS	KA	ATH	100	25	Yes		122800	Athletic Training and Sport Medicine		51.0913	Athletic Training/Trainer.		E	D	Fall 2017
HSS	KA	ATH	102	24	Yes		122800	Athletic Training and Sport Medicine		51.0913	Athletic Training/Trainer.		E	C	Fall 2017
HSS	KA	ATH	103	24	Yes		122800	Athletic Training and Sport Medicine		51.0913	Athletic Training/Trainer.		E	C	Spring 2017
HSS	KA	ATH	102L	8	Yes		122800	Athletic Training and Sport Medicine		51.0913	Athletic Training/Trainer.		E	C	Fall 2017
HSS	KA	ATH	103L	24	Yes		122800	Athletic Training and Sport Medicine		51.0913	Athletic Training/Trainer.		E	C	Spring 2017
HSS	PSAH	FTEC	102	35	Yes	213300	213310	Wildland Fire Technology	430203	43.0206	Wildland/Forest Firefighting and Investigation.		D		Fall 2017
HSS	PSAH	FTEC	112	35	Yes		213300	Fire Technology		43.0201	Fire Prevention and Safety Technology/Technician.		C	D	Fall 2017
HSS	PSAH	FTEC	113	35	Yes		213300	Fire Technology		43.0201	Fire Prevention and Safety Technology/Technician.		C	D	Fall 2017
HSS	PSAH	FTEC	114	35	Yes		213300	Fire Technology		43.0201	Fire Prevention and Safety Technology/Technician.		C	D	Spring 2017
HSS	PSAH	FTEC	125	25	Yes	213300	213310	Wildland Fire Technology		43.0206	Wildland/Forest Firefighting and Investigation.		D		Fall 2017
HSS	KA	IATH	101	50			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Fall 2017
HSS	KA	IATH	102	60			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Fall 2017
HSS	KA	IATH	205	75			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Fall 2017
HSS	KA	IATH	210	35			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Spring 2017
HSS	KA	IATH	215	35			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Spring 2017
HSS	KA	IATH	220	25			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Fall 2017
HSS	KA	IATH	225	25			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E		Fall 2017

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HSS	KA	IATH	230	50			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	IATH	240	15			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Spring 2017	
HSS	KA	IATH	245	15			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	IATH	250	35			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	IATH	255	30			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	IATH	265	15			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Spring 2017	
HSS	KA	IATH	270	50			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Spring 2017	
HSS	KA	IATH	280	25			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Spring 2017	
HSS	KA	IATH	285	25			083550	Intercollegiate Athletics		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	100	12				Adapted Physical Education		51.2309	Therapeutic Recreation/Recreational Therapy.		E	Fall 2017	
HSS	KA	KINF	107	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	108	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	130	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	132	35		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	140	24		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINF	144	45		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	150	30		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINF	151	30		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINF	160	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	161	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	180	36		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	181	36		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	190	18		083570	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	192	18		083570	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	193	24		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	195	18		083570	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	220	30		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Summer 2017	
HSS	KA	KINF	240	24		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINF	244	30		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	260	32		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINF	280	36		083510	083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINT	100	45			127000	Kinesiology		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINT	101	24			083700	Health Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	KA	KINT	102	45			083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINT	103	45			083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Never	
HSS	KA	KINT	104	45			083500	Physical Education		31.0501	Health and Physical Education/Fitness, General.		E	Fall 2017	
HSS	PSAH	MOA	102	30	Yes		120800	Medical Assisting	430203	51.0801	Medical/Clinical Assistant.		D	C	Fall 2017
HSS	PSAH	MOA	110	30	Yes		120800	Medical Assisting		51.0801	Medical/Clinical Assistant.		C	D	Fall 2017
HSS	PSAH	MOA	111	30	Yes		120800	Medical Assisting		51.0801	Medical/Clinical Assistant.		C	D	Spring 2017
HSS	NS	NS	101A	Lecture 35 /Clinic 10	Yes		123010	Registered Nursing		51.3801	Registered Nursing/Registered Nurse.		D	C	Fall 2017
HSS	NS	NS	102A	Lecture 35 /Clinic 10	Yes		123010	Registered Nursing		51.3801	Registered Nursing/Registered Nurse.		D	C	Fall 2017
HSS	NS	NS	201A	Lecture 35 /Clinic 10	Yes		123010	Registered Nursing		51.3801	Registered Nursing/Registered Nurse.		D	C	Fall 2017
HSS	PSAH	RADT	109	24	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Spring 2017
HSS	PSAH	RADT	202	Lecture 10 /Clinic 10	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Fall 2017
HSS	PSAH	RADT	203	24	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Fall 2017
HSS	PSAH	RADT	204	24	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Fall 2017
HSS	PSAH	RADT	207	Lecture 10 /Clinic 10	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Spring 2017
HSS	PSAH	RADT	208	24	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Spring 2017
HSS	PSAH	RADT	210	24	Yes		122500	Radiologic Technology		51.0911	Radiologic Technology/Science - Radiographer.		B	C	Fall 2017
HSS	PSAH	RCP	101	Lecture 24 /Clinic 9	Yes		121000	Respiratory Care/Therapy		51.0908	Respiratory Care Therapy/Therapist.		D	C	Fall 2017
MS	BES	BIOL	100	Lecture 48 /Lab 24		041000	040100	Biology, General	260901	26.0101	Biology/Biological Sciences, General.		E	Fall 2017	
MS	BES	BIOL	103	Lecture 48 /Lab 24		040200	040100	Biology, General		260301	Biology/Biological Sciences, General.		E	Fall 2017	
MS	BES	BIOL	104	45		040300	040100	Biology, General	260502	26.0101	Biology/Biological Sciences, General.		E	Fall 2017	
MS	BES	BIOL	201	Lecture 48 /Lab 24		041000	040100	Biology, General	260901	26.0101	Biology/Biological Sciences, General.		E	Fall 2017	
MS	BES	BIOL	202	Lecture 48 /Lab 24		041000	040100	Biology, General	260901	26.0101	Biology/Biological Sciences, General.		E	Fall 2017	



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MS	BES	BIOL	205	Lecture 48 /Lab 24		043000	040100	Biology, General	150401	26.0101	Biology/Biological Sciences, General.		E	Never
MS	PSE	ENGR	125	Lecture 30 /Lab 30			090100	Engineering, General		14.0102	Pre-Engineering.		D	E Fall 2017
MS	PSE	GEOG	299	0			190100	Physical Sciences, General		40.0101	Physical Sciences.		D	E Spring 2005
RL	COMM	COMM	215	30	Yes		060600	Public Relations		09.0902	Public Relations, Advertising, and Applied Communication.		E	D Never
RL	ENGL	ENGL	115	25	Yes		060700	Technical Communication		23.1303	Professional, Technical, Business, and Scientific Writing.		E	D Fall 2017
RL	COMM	JOUR	121	30	Yes		060200	Journalism		09.0401	Journalism.		E	D Fall 2017
RL	COMM	JOUR	123	24	Yes		060200	Journalism		09.0401	Journalism.		E	D Spring 2015
RL	COMM	JOUR	199	500	Yes		060200	Journalism		09.0401	Journalism.		E	D Spring 2005
RL	AD	LAC	98	25			170100	Mathematics, General		27.0101	Mathematics, General.		D	E Fall 2017
RL	AD	LAC	99	25			170100	Mathematics, General		27.0101	Mathematics, General.		D	E Fall 2017
RL	AD	LAC	100	30			080100	Education, General		13.0101	Education, General.		D	E Fall 2017
RL	AD	LAC	200	20			080100	Education, General		13.0101	Education, General.		D	E Spring 2017
SS	FCS	ED	140	40			080100	Education, General		13.0101	Education, General.		D	E Fall 2017
SS	FCS	ED	141	40			080100	Education, General		13.0101	Education, General.		D	E Spring 2017
SS	FCS	ED	145	40			080100	Education, General		13.0101	Education, General.		D	E Spring 2017
TEC	BUS	ACCT	131	30	Yes	050210	050200	Accounting	521601	52.0302	Accounting Technology/Technician and Bookkeeping.		D	Fall 2017
TEC	BUS	ACCT	199	15	Yes	050200	050100	Business and Commerce, General	520302	52.0101	Business/Commerce, General.		C	Spring 2016
TEC	BUS	ACCT	201	30	Yes	050200	050200	Accounting	520302	52.0302	Accounting Technology/Technician and Bookkeeping.		D	Fall 2017
TEC	BUS	ACCT	205	30	Yes	050200	050500	Business Administration	520302	52.0201	Business Administration and Management, General.		D	Fall 2017
TEC	BUS	BUS	113	35	Yes		050100	Business and Commerce, General		52.0101	Business/Commerce, General.		D	C Fall 2017
TEC	BUS	BUS	199	500	Yes		050100	Business and Commerce, General		52.0101	Business/Commerce, General.		D	C Spring 2015
TEC	BUS	CA	103	25	Yes	070820	070210	Software Applications	111001	11.0601	Data Entry/Microcomputer Applications, General.		D	Fall 2017
TEC	BUS	CA	107	25	Yes	070820	070210	Software Applications	111001	11.0601	Data Entry/Microcomputer Applications, General.		C	Fall 2017
TEC	BUS	CA	111	25	Yes		070210	Software Applications		11.0601	Data Entry/Microcomputer Applications, General.		C	D Fall 2017
TEC	BUS	CA	131	25	Yes	070720	070210	Software Applications	110802	11.0601	Data Entry/Microcomputer Applications, General.		D	Fall 2017
TEC	BUS	CA	132	25	Yes	070720	070210	Software Applications	110802	11.0601	Data Entry/Microcomputer Applications, General.		C	Spring 2015
TEC	BUS	CA	141	25	Yes		070210	Software Applications		11.0601	Data Entry/Microcomputer Applications, General.		C	D Intercession 2017
TEC	BUS	CA	151	25	Yes	070810	070210	Software Applications	110901	11.0601	Data Entry/Microcomputer Applications, General.		D	Fall 2017
TEC	BUS	CA	183	25	Yes	070810	070820	Computer Support	110901	11.1006	Computer Support Specialist.		C	Never
TEC	BUS	CA	199	500	Yes	079900	070700	Computer Software Development	119999	11.0601	Data Entry/Microcomputer Applications, General.		C	Spring 2008
TEC	BUS	CIS	111	25	Yes		070710	Computer Programming		11.0601	Data Entry/Microcomputer Applications, General.		C	D Fall 2017
TEC	BUS	CIS	113	25	Yes		070710	Computer Programming		11.0601	Data Entry/Microcomputer Applications, General.		C	D Fall 2017
TEC	BUS	CIS	121	35	Yes		070710	Computer Programming		11.0601	Data Entry/Microcomputer Applications, General.		C	D Fall 2017
TEC	BUS	MGT	105	35	Yes	050630	050600	Business Management	520204	52.0201	Business Administration and Management, General.		D	Fall 2017
TEC	BUS	OT	150	35	Yes	051420	051400	Office Technology/Office Computer Applications	510716	52.0401	Administrative Assistant and Secretarial Science, General.		C	Fall 2017
TEC	BUS	OT	152	35	Yes	051420	051400	Office Technology/Office Computer Applications	510716	52.0401	Administrative Assistant and Secretarial Science, General.		C	Fall 2017
TEC	BUS	OT	205	35	Yes	051420	051400	Office Technology/Office Computer Applications	510716	52.0401	Administrative Assistant and Secretarial Science, General.		C	Fall 2017
TEC	BUS	OT	207	35	Yes	051410	051400	Office Technology/Office Computer Applications	220301	52.0401	Administrative Assistant and Secretarial Science, General.		C	Fall 2016

**DISCIPLINES LIST**  
**DIVISION: ARTS AND HUMANITIES**

**DISCIPLINE: ART**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in fine arts, art, or art history **OR** Bachelor's in any of the above **AND** Master's in humanities **OR** The equivalent.

*(NOTE: "Master's in fine arts" as used here refers to any master's degree in the subject matter of fine arts, which is defined to include visual studio arts such as drawing, painting, sculpture, printmaking, ceramics, textiles, and metal and jewelry art; and also art education and art therapy. It does not refer to the "Master of Fine Arts" (MFA) degree when that degree is based on specialization in performing arts or dance, film, video, photography, creative writing, or other nonplastic arts.)*

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
ART 100	Art Appreciation
ART 101	History of Art: Prehistoric to Gothic
ART 102	History of Art: Renaissance to Modern
ART 103	History of Art: Africa, Oceania, and the Americas
ART 104	History of Modern and Contemporary Art in the 20th Century
ART 106	History of Art: Asia
ART 110	Drawing
ART 113	Painting I
ART 116	Illustration
ART 120	Introduction to Printmaking
ART 121	Introduction to Computerized Drawing
ART 132	Introduction to Ceramics: Hand Building
ART 135	Beginning Wheel-Thrown Ceramics
ART 136	Intermediate Wheel-Thrown Ceramics
ART 137	Advanced Wheel-Thrown Ceramics
ART 140	Watercolor
ART 145	2-D Design Basics
ART 150	3-D Design Basics
ART 163	Painting II
ART 170	Drawing II
ART 210	Drawing III
ART 213	Painting III
ART 216	Life Drawing
ART 298	Special Studies in Art

## **DISCIPLINE: COMMERCIAL MUSIC**

### **MINIMUM QUALIFICATIONS:**

#### **MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
MUSC 102	History of Jazz
MUSC 103	History of Rock 'n Roll
MUSC 104	The Music Industry
MUSC 107	History of Women in Rock Music
MUSC 108	History of Hip Hop
MUSC 112	Commercial Music Theory
MUSC 113	Popular Song Writing
MUSC 122	Stage Voice
MUSC 124	Jazz Improvisation
MUSC 124A	Jazz Improvisation A
MUSC 124B	Jazz Improvisation B
MUSC 124C	Jazz Improvisation C
MUSC 133	Studio Music Production I
MUSC 133L	Studio Music Production I Lab
MUSC 134	Studio Music Production II
MUSC 134L	Studio Music Production II Lab
MUSC 141	Concert Management
MUSC 143	Live Sound Reinforcement
MUSC 173	Beginning Jazz Ensemble
MUSC 175	Beginning Rock Band
MUSC 222	Popular Vocal Performance
MUSC 223	Popular Instrumental Performance
MUSC 225	Commercial Music Ensemble
MUSC 233	Studio Music Production III
MUSC 233L	Studio Music Production III Lab
MUSC 234	Studio Music Production IV
MUSC 234L	Studio Music Production IV Lab
MUSC 273	Intermediate Jazz Ensemble
MUSC 274	Advanced Jazz Ensemble

## **DISCIPLINE: DANCE**

### **MINIMUM QUALIFICATIONS:**

#### **MASTERS DEGREE REQUIRED**

Master's in dance, physical education with a dance emphasis, or theater with dance emphasis, **OR** Bachelor's in any of the above **AND** Master's in physical education, any life science, physiology, theater arts, kinesiology, humanities, performing arts, or music **OR** The equivalent

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
DA 101	Dance Appreciation
DA 102	Beginning Ballet
DA 103	Beginning Modern Dance
DA 104	Beginning Jazz Dance
DA 105	Beginning Tap Dance
DA 106	Ballroom Dance
DA 107A	Dance Performance
DA 107B	Dance Performance
DA 107C	Dance Performance
DA 108	Dance Ensemble
DA 111	Choreography
DA 113	World Dance-Ethnic Forms
DA 115	Dance Repertory
DA 116	Dance Improvisation
DA 122	Intermediate Ballet
DA 123	Intermediate Modern Dance
DA 124	Intermediate Jazz Dance
DA 125	Intermediate Tap Dance
DA 202	Advanced Ballet
DA 203	Advanced Modern Dance
DA 204	Advanced Jazz Dance
DA 205	Advanced Tap Dance

**DISCIPLINE: DIGITAL MEDIA**

(Graphic Arts / Multi Media)

**MINIMUM QUALIFICATIONS:****MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
DM 101	Digital Media Arts
DM 101L	Digital Media Arts Lab
DM 103	Graphic Design I
DM 103L	Graphic Design I Lab
DM 105	Interactive Media
DM 105L	Interactive Media Lab
DM 106	Video Design and Production I
DM 106L	Video Design and Production I Lab
DM 110	Motion Graphics
DM 110L	Motion Graphics Lab
DM 112	Experimental Digital Video
DM 112L	Experimental Digital Video Lab
DM 113	Photoshop I
DM 113L	Photoshop I Lab
DM 115	Graphic Communications I
DM 115L	Graphic Communications I Lab
DM 127	Web Design and Production I
DM 127L	Web Design and Production I Lab
DM 128	Web Design and Production II
DM 128L	Web Design and Production II Lab
DM 133	Digital Printing I
DM 133L	Digital Printing I Lab
DM 143	Computer 2D Animation
DM 143L	Computer 2D Animation Lab
DM 145	Computer 3D Animation
DM 145L	Computer 3D Animation Lab
DM 203	Graphic Design II
DM 203L	Graphic Design II Lab
DM 205	Digital Illustration
DM 205L	Digital Illustration Lab
DM 206	Video Design and Production II
DM 206L	Video Design and Production II Lab
DM 213	Photoshop II
DM 213L	Photoshop II Lab
DM 215	Graphic Communications II

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DM	215L	Graphic Communications II Lab
DM	233	Digital Printing II
DM	233L	Digital Printing II Lab
DM	246	Portfolio and Job Search
DM	246L	Portfolio and Job Search Lab
DM	298	Special Studies in Digital Media
DM	298L	Special Studies in Digital Media Lab

**DISCIPLINE: DRAMA/THEATER ARTS**

**MINIMUM QUALIFICATIONS:  
MASTERS DEGREE REQUIRED**

Master's in drama/theater arts/performance **OR** Bachelor's or Bachelor's of fine arts in drama/theater arts/performance **AND** Master's in comparative literature, English, communication studies, speech, literature, or humanities **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
THA 101	Introduction to Theatre
THA 102	Introduction to Stagecraft
THA 103	Introduction to Stage Lighting
THA 104	Introduction to Stage Costume
THA 110	Fundamentals of Acting
THA 115A, 115B	Rehearsal and Performance: Drama
THA 116A, 116B	Rehearsal and Performance: Comedy
THA 117A, 117B	Rehearsal and Performance: Musical Theatre
THA 118A, 118B	Rehearsal and Performance: Children's Theatre
THA 121A, 121B	Theatre Production
THA 125	Intermediate Acting Workshop
THA 130	Improvisation
THA 133	Makeup for the Stage
THA 215	Acting for the Camera
THA 218	Audition Techniques for the Actor
THA 220	Fundamentals of Directing
THA 225	Introduction to Playwriting
THA 239	Intercultural and Women's Theatre

## **DISCIPLINE: FILM STUDIES**

### **MINIMUM QUALIFICATIONS:** **MASTERS DEGREE REQUIRED**

Master's degree in film, drama/theater arts, or mass communication **OR** Bachelor's degree in any of the above **AND** Master's degree in media studies, English, or communication **OR** The equivalent

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>	<b>Other Disciplines (MQ)</b>
FTV 101	Introduction to Film	Communication Studies
FTV 103	Introduction to Television	Communication Studies
FTV 107	History of Film, Pre 1950	Communication Studies
FTV 108	History of Film, 1950-Present	Communication Studies
FTV 121	Introduction to Digital Filmmaking	
FTV 134	Introduction to Screenwriting	Communication Studies or English
FTV 155	Film Festival Analysis	Communication Studies
FTV 201	Intercultural and Women's Film	Communication Studies
FTV 203	African American Cinema	
FTV 215	Directing for Film and Video	
FTV 220	Advanced Screenwriting	Communication Studies or English
FTV 230	Digital Cinematography	
FTV 241	Beginning Audio Production	
FTV 242	Writing and Pre-Production of the Short Film	
FTV 244	Production and Post-Production of the Short Film	
FTV 251	Contemporary American Independent Film	Communication Studies
FTV 261	Religion and Cinema	Communication Studies



## **DISCIPLINE: FOREIGN LANGUAGES**

### **MINIMUM QUALIFICATIONS:** **MASTERS DEGREE REQUIRED**

Master's in the language being taught **OR** Bachelor's in the language being taught **AND** Master's in another language or linguistics **OR** The equivalent

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
CHIN 101	Elementary Chinese I
CHIN 102	Elementary Chinese 2
CHIN 201	Intermediate Chinese
CHIN 202	Intermediate Chinese
FREN 101	Elementary French I
FREN 102	Elementary French 2
FREN 201	Intermediate French 1
FREN 202	Intermediate French 2
FREN 203	Advanced French
GER 101	Elementary German 1
GER 102	Elementary German 2
GER 201	Intermediate German 1
GER 202	Intermediate German 2
LATN 101	Elementary Latin 1
LATN 102	Elementary Latin 2
LATN 201	Intermediate Latin
SPAN 101	Elementary Spanish
SPAN 102	Elementary Spanish 2
SPAN 110SS	Spanish for Heritage Speakers I
SPAN 201	Intermediate Spanish 1
SPAN 202	Intermediate Spanish 2
SPAN 203	Introduction to Hispanic Literature
SPAN 210SS	Spanish for Heritage Speakers II
SPAN 220SS	Composition and Conversation for Spanish Speakers

**DISCIPLINE: MUSIC**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in music **OR** Bachelor's in music **AND** Master's in humanities **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
MUS 101	Music Appreciation
MUS 105	World Music
MUS 111	Fundamentals of Music
MUS 121	Voice Class
MUS 126	Classical Guitar
MUS 131	Keyboard Skills I
MUS 132	Keyboard Skills II
MUS 142	Musical Theatre Workshop
MUS 151	Beginning Music Theory
MUS 153	Beginning Musicianship
MUS 160	Symphonic Band
MUS 165	Instrumental Ensemble- Guitar
MUS 166	Beginning Orchestra
MUS 167	Intermediate Orchestra
MUS 169	Marching Percussion Ensemble
MUS 181	Master Chorale
MUS 185	Concert Choir
MUS 231	Keyboard Skills III
MUS 232	Keyboard Skills IV
MUS 251A	Intermediate Music Theory
MUS 251B	Advanced Music Theory
MUS 253A	Intermediate Musicianship
MUS 253B	Advanced Musicianship
MUS 255A	Beginning Keyboard Harmony
MUS 255B	Advanced Keyboard Harmony
MUS 260	Concert Band
MUS 266	Advanced Orchestra
MUS 291	Applied Music
MUS 292	Applied Music Performance

**DISCIPLINE: PHILOSOPHY**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in philosophy **OR** Bachelor's in philosophy **AND** Master's in humanities or religious studies, **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
PHIL 101	Fundamental Reasoning Skills
PHIL 105	Ethics: Moral Issues in Contemporary Society
PHIL 106	Introduction to Philosophy
PHIL 108	Philosophy of Religion
PHIL 109	World Religions
PHIL 110	Introduction to Logic
PHIL 201	Critical Thinking

**DISCIPLINE: PHOTOGRAPHIC TECHNOLOGY / COMMERCIAL PHOTOGRAPHY**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
PHTC 101	Beginning Black and White Photography
PHTC 101L	Beginning Black and White Photography Lab
PHTC 125	Beginning Digital Photography
PHTC 125L	Beginning Digital Photography Lab
PHTC 150	Beginning Color Photography
PHTC 150L	Beginning Color Photography Lab
PHTC 201	Advanced Black and White Photography
PHTC 201L	Advanced Black and White Photography Lab
PHTC 203	Foundation of Cameras and Composition
PHTC 203L	Foundation of Cameras and Composition Lab
PHTC 205	Documentary and Photojournalism
PHTC 205L	Documentary and Photojournalism Lab
PHTC 211	Wedding, Portrait and Event Photography
PHTC 211L	Wedding, Portrait and Event Photography Lab
PHTC 215	Photography Studio Practices
PHTC 215L	Photography Studio Practices Lab
PHTC 275	Advanced Digital Photography
PHTC 275L	Advanced Digital Photography Lab
PHTC 298	Special Studios in Photography
PHTC 298L	Special Studios in Photography Lab

**DISCIPLINE: PHOTOGRAPHY**

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in photography, fine arts, or art **OR** Bachelor's in any of the above **AND** Master's in art history or humanities **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
PHOT 107	History of Photography
PHOT 213	Life Photography
PHOT 213L	Life Photography Lab

**DISCIPLINES: SIGN LANGUAGE, AMERICAN / SIGN LANGUAGE/ENGLISH INTERPRETING**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
DFST 101	American Sign Language I
DFST 101L	American Sign Language (ASL I) Skill Building Lab
DFST 102	American Sign Language II
DFST 102L	American Sign Language (ASL II) Skill Building Lab
DFST 105	Introduction to American Deaf Culture
DFST 106	Introduction to Deaf Education
DFST 108	Visual, Gestural, and Non-Manual Aspects of American Sign Language (ASL)
DFST 201	American Sign Language III
DFST 201L	American Sign Language (ASL III/IV) Skill Building Lab
DFST 202	American Sign Language IV
DFST 204	Structure of American Sign Language
DFST 205	Numbers, Fingerspelling, Classifiers
DFST 206	Creative Signing
INT 101	Principles of Sign Language Interpreting
INT 201	Sign/English Translation
INT 202	Sign Language Interpreting I
INT 203	Sign Language Interpreting II
INT 204	Sign/English Transliteration
INT 205	Interpreting in Specialized Settings
INT 206	Introduction to Sign to English Interpreting (Voicing)

**DISCIPLINES LIST**  
**DIVISION: COUNSELING & MATRICULATION**

**DISCIPLINE: COUNSELING**

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in counseling, rehabilitation counseling, clinical psychology, counseling psychology, guidance counseling, educational counseling, social work, career development, marriage and family therapy, or marriage, family and child counseling, **OR** The equivalent.

(Note: A bachelor's degree in one of the above listed degrees and a license as a Marriage and Family Therapist (MFT) is an alternative qualification for the discipline.)

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
HD 100	Basic Strategies College Success
HD 101	College and Life Management
HD 102	Soldier to Scholar
HD 103	Career Planning
HD 105	Personal Development

**DISCIPLINES LIST**  
**DIVISION: CAREER TECHNICAL EDUCATION**

**DISCIPLINE: ACCOUNTING**

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in accountancy or business administration with accounting concentration **OR** Bachelor's in business with accounting emphasis or business administration with accounting emphasis or economics with an accounting emphasis **AND** Master's in business, business administration, business education, taxation, or finance **OR** The equivalent

*(NOTE: A Bachelor's degree in accountancy or business administration with accounting concentration, with a CPA license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)*

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ACCT 111	Bookkeeping
ACCT 113	Bookkeeping II
ACCT 115	Payroll Bookkeeping
ACCT 121	Computerized Accounting
ACCT 131	Introduction to Income Tax
ACCT 201	Financial Accounting
ACCT 205	Managerial Accounting

**DISCIPLINE: AERONAUTICS**

(Airframe and powerplant, aircraft mechanics, aeronautical engineering technician, avionics)

**MINIMUM QUALIFICATIONS:****MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
AERO 120	Aircraft General I
AERO 121	Aircraft General II
AERO 230	Aircraft Airframe I
AERO 231	Aircraft Airframe II
AERO 240	Aircraft Powerplant I
AERO 241	Aircraft Powerplant II
AFAB 110	Introduction to Aircraft Structures, Blueprint and Manufacturing Documentation
AFAB 115	Aircraft Structures
AFAB 120	Composites Fabrication and Repair
AFAB 130	Aerospace Ethics and Issues
AFAB 140	Pneudraulics
AFAB 210	Aircraft Production Systems
AFMT 310	Safety in Aviation
AFMT 320	Lean Management (Six Sigma & 5S)
AFMT 330	Airframe Manufacturing Producibility
AFMT 340	Theory of Low Observables
AFMT 341	Manufacturing Testing & Inspection
AFMT 345	Airframe Composite Manufacturing I
AFMT 350	Airframe Manufacturing Capstone I
AFMT 442	Foreign Object Elimination (FOE) and Migration Paths
AFMT 446	Airframe Composite Manufacturing II
AFMT 451	Airframe Manufacturing Capstone II



**DISCIPLINE: AIRCONDITIONING, REFRIGERATION, HEATING**

(Solar energy technician)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ACRV 112	Basic Refrigeration Systems
ACRV 113	Basic Refrigeration Controls
ACRV 115	Basic Refrigeration Systems and Controls
ACRV 122	Residential Air Conditioning Systems
ACRV 123	Residential Air Conditioning Controls
ACRV 125	Residential Air Conditioning Systems & Controls
ACRV 212	Commercial Refrigeration Systems
ACRV 213	Commercial Refrigeration Controls
ACRV 222	Commercial Air Conditioning Controls
ACRV 223	Commercial Air Conditioning Systems

**DISCIPLINE: AUTO BODY TECHNOLOGY**

(Antique and classic auto restoration)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ABDY 112	Basic Auto Body Repair
ABDY 113	Basic Auto Body Repair
ABDY 115	Basic Auto Body Repair
ABDY 122	Basic Automotive Refinishing
ABDY 123	Automotive Refinishing
ABDY 125	Basic Automotive Refinishing
ABDY 212	Advanced Automotive Collision Repair I
ABDY 213	Advanced Automotive Collision Repair II
ABDY 215	Advanced Automotive Collision Repair
ABDY 222	Advanced Automotive Refinishing I
ABDY 223	Advanced Automotive Refinishing II
ABDY 225	Advanced Automotive Refinishing

## **DISCIPLINE: AUTOMOTIVE TECHNOLOGY**

### **MINIMUM QUALIFICATIONS:**

#### **MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
AUTO 100	Basic Automotive
AUTO 101	Basic Automotive Practicum
AUTO 102	Basic Automotive Practicum
AUTO 110	Automotive Engines
AUTO 111	Automotive Engine Rebuilding (Lower End)
AUTO 112	Automotive Engine Rebuilding (Upper End)
AUTO 113	Automotive Engine Rebuilding (Advanced)
AUTO 125	Automotive Chassis
AUTO 126	Automotive Brakes
AUTO 127	Automotive Suspension, Steering, Alignment
AUTO 128	Automotive Power Trains
AUTO 130	Basic Automatic Transmissions and Transaxles
AUTO 150	Automotive Electrical Systems
AUTO 151	Automotive Chassis and Body Electrical System
AUTO 152	Automotive Ignition Systems
AUTO 153	Automotive Starting and Charging Systems
AUTO 175	Automotive Fuel, Emissions, California Clean Air Car Course
AUTO 176	Automotive Carburetor Fuel Systems
AUTO 177	Electronic Fuel Injection
AUTO 198H	Advanced Emissions Diagnostics Training Seminar (BASR 20 Hour Update)
AUTO 231	Automatic Transmissions (General Motors)
AUTO 232	Automatic Transmissions (Ford and Chrysler)
AUTO 276	Engine Performance Emissions
AUTO 277	Electronic Engine Controls – General Motors Systems
AUTO 278	Electronic Engine Controls – Ford/Chrysler Systems

**DISCIPLINE: BUSINESS**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in business, business management, business administration, accountancy, finance, marketing, or business education **OR** Bachelor's in any of the above **AND** Master's in economics, personnel management, public administration, or JD or LL.B. degree **OR** Bachelor's in economics with a business emphasis **AND** Master's in personnel management, public administration, or JD or LL.B. degree **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
BUS 101	Introduction to Business
BUS 105	Business Mathematics
BUS 111	Business English
BUS 113	Business Communications
BUS 121	Personal Finance and Investments
BUS 201	Business Law
BUS 212	Women in Organizations

**MINIMUM QUALIFICATIONS:**

JD or LL.B.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
BUS 201	Business Law

**DISCIPLINE: COMPUTER INFORMATION SYSTEMS**

(Computer network installation, microcomputer technology, computer applications)

**MINIMUM QUALIFICATIONS:****MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>	<b><u>Other Discipline (MQ)</u></b>
CA 103	Introduction to Computers and Digital Technology	
CA 107	Microcomputer Hardware and Software Support	
CA 111	Word Processing-Microsoft Word	Office Technology
CA 121	Microcomputer Spreadsheets	
CA 131	Relational Database Management and Design	
CA 132	Oracle SQL Database Management	
CA 141	Developing PowerPoint Presentations	
CA 151	Microcomputer Operating Systems	
CA 153	Windows Installation and System Support	
CA 171	Introduction to Networking	
CA 175	Administering Windows Server	
CA 176	Windows Server Networking	
CA 182	Network Security	
CA 183	Security Countermeasures	
CA 221	Computer Concepts and Applications in Business	
CIS 101	Introduction to Computer Information Science	
CIS 111	Introduction to Programming and Algorithms	
CIS 113	Data Structures	
CIS 121	Computer Mathematics	
CIS 123	Assembly Language and Computer Architecture	
CIS 141	Introduction to Basic Programming	
CIS 145	Introduction to Visual BASIC.NET Programming	
CIS 157	Introduction to LINUX	
CIS 159	SUSE Linux Server Administration	
CIS 161	Introduction to C Programming	
CIS 173	Introduction to C++ Programming	
CIS 175	Java Programming	

**DISCIPLINE: DRAFTING**

*CADD (Computer Aided Drafting/Design), CAD (Computer Aided Design),  
CAD (Computer Aided Drafting)*

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
DRFT 120	Introduction to 2-D CAD
DRFT 125	Mechanical Drafting
DRFT 130	Architectural Drafting I
DRFT 150	Intermediate 2-D AUTOCAD
DRFT 230	Architectural Drafting II
DRFT 240	Electronic Drafting
DRFT 250	Introduction 3-D CAD Drafting

**DISCIPLINE: ELECTRICITY**

(Electrical power distribution)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ELEC 110	Fundamentals of Electricity
ELEC 115	Electrical Codes and Ordinances
ELEC 120	Residential Wiring
ELEC 130	Alternating Current Theory
ELEC 140	Commercial/Industrial Wiring & Cabling
ELEC 150	Electrical Maintenance
ELEC 160	Fundamentals of Motor Control
ELEC 220	Advanced Motor Control-PLC
ELEC 250	Electricians Journeyman Review

**DISCIPLINES: ELECTRONIC TECHNOLOGY**

(Industrial mechanical technology)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ELTE 101	Survey of Electronics
ELTE 105	Introduction to Robotics
ELTE 110	Electronics Mathematics
ELTE 125	Direct Current & Alternating Current Principles
ELTE 130	Digital Circuit Analysis
ELTE 135	Analog Circuit Analysis
ELTE 140	Microprocessor Systems I
ELTE 145	Acceptability of Electronic Assemblies
ELTE 180	Microprocessor Systems
ELTE 220	Microprocessor Systems II
ELTE 235	Electronic Communications I
ELTE 252	Introduction to Avionics
ELTE 254	Radio Telephone License



**DISCIPLINE: HEALTH CARE ANCILLARIES**

(Medical assisting, hospice worker, home care aide, certified nurse aide, health aide, ward clerk, central service technology, childbirth educator, primary care associate, and massage therapy)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
MOA 101	Beginning Medical Terminology
MOA 102	Advanced Medical Terminology
MOA 110	Beginning Medical Office Assisting Skills
MOA 111	Advanced Medical Office Assisting Skills

**DISCIPLINE: MANAGEMENT**

Effective Fall 2018

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in business administration, business management, business education, marketing, public administration, or finance **OR** Bachelor's in any of the above **AND** Master's in economics, accountancy, taxation, or law **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>		<b>Title</b>
MGT	101	Management Principles
MGT	115	Human Behavior in Organizations
MGT	121	Human Resources Management
MGT	201	Small Business Management

**DISCIPLINE: MARKETING**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in business administration, business management, business education, marketing, advertising, or finance **OR** Bachelor's in any of the above **AND** Master's in economics, accountancy, taxation, or law **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
MKTG 101	Principles of Marketing
MKTG 112	Introduction to Advertising
MKTG 130	Digital Marketing

**DISCIPLINE: OFFICE TECHNOLOGY**

(Secretarial skills, office systems, word processing, computer applications, automated office training)

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
OT 101	Beginning Computer Keyboarding
OT 102	Intermediate Computer Keyboarding
OT 103	Advanced Computer Keyboarding
OT 113	Advanced Microsoft Word
OT 121	Spreadsheets for the Office
OT 150	Basic Principles of Coding for the Medical Office
OT 152	Beginning Medical Insurance
OT 201	Administrative Office Procedures
OT 205	Medical Office Procedures
OT 207	Legal Office Procedures

**DISCIPLINE: REAL ESTATE**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
RE 101	Real Estate Principles
RE 105	Real Estate Practices
RE 111	Real Estate Finance
RE 121	Legal Aspects of Real Estate
RE 131	Real Estate Appraisal
RE 141	Escrow Principles
RE 161	Property Management

**DISCIPLINES: WELDING**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
WELD 101	Welding Fundamentals
WELD 110	Oxyacetylene Welding, Cutting and Brazing
WELD 120	Basic Shielded Metal Arc Welding
WELD 130	Advanced Shielded Metal Arc Welding
WELD 145	Advanced Welding Processes
WELD 212	Performance Welding – Arc Welding Processes
WELD 230	Welding Symbols and Print Reading
WELD 240	Welding Layout
WELD 260	Certification Welding-L.A. City Building Code

**DISCIPLINES LIST**  
**DIVISION: HEALTH AND SAFETY SCIENCES**

**DISCIPLINE: ATHLETIC TRAINING**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

*(Note: This discipline listing applies only to instructors teaching apportionment generating courses in the subject of athletic training. Non-apportionment generating athletic training activity is not subject to minimum qualifications.)*

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
ATH 100	Introduction to Athletic Training
ATH 102	Practical Applications of Athletic Training I
ATH 102L	Practical Applications of Athletic Training I Lab
ATH 103	Practical Applications of Athletic Training II
ATH 103L	Practical Applications of Athletic Training II Lab

**DISCIPLINE: EMERGENCY MEDICAL TECHNOLOGIES**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
EMT 101	Emergency Medical Technician 1



## **DISCIPLINES: FIRE TECHNOLOGY**

### **MINIMUM QUALIFICATIONS:**

#### **MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of experience, or any associate degree and six years of experience.

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
FTEC 102	(I-200) Basic Incident Command System
FTEC 111	Fire Protection Organization
FTEC 112	Fire Prevention Technology
FTEC 113	Fire Protection Equipment and Systems
FTEC 114	Building Construction for Fire Protect
FTEC 115	Fire Behavior and Combustion
FTEC 117	Preparing to be a Firefighter
FTEC 120	(S-212)Wildfire Power Saws
FTEC 122	Wildland Firefighter
FTEC 125	Haz Mat First Responder Operation
FTEC 126	Wildland Fire Behavior
FTEC 127	Wildland Firefighter Safety and Survival
FTEC 128	Wildland Fire Operations
FTEC 129	Wildland Public Information Officer, Prevention, Investigation
FTEC 130	Wildland Fire Logistics, Finance & Planning
FTEC 131	(L-280) Followership to Leadership
FTEC 132	(S-131) Advanced Firefighter Training
FTEC 137	(S-211) Portable Pumps and Water Use
FTEC 138	Wildland Engine Firefighter
FTEC 141	(S-234) Ignition Operations
FTEC 142	(P-151) Wildfire Origin and Cause Determination
FTEC 144	(S-230) Single Resource Crew Boss
FTEC 149	(S-260) Interagency Incident Business Management
FTEC 150	(S-270) Basic Air Operations
FTEC 215	Rescue Practices
FTEC 222	Wildland Fire Control
FTEC 240	Fuel Management and Fire Use
FTEC 250	(I-300) Intermediate Incident Command System
FTEC 285	NWCG Wildland Firefighter
FTEC 295A	Firefighter 1 Academy Module A
FTEC 295AL	Firefighter 1 Academy Module A Lab
FTEC 295B	Firefighter 1 Academy Module B
FTEC 295BL	Firefighter 1 Academy Module B Lab

**DISCIPLINE: HEALTH**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in health science, health education, biology, nursing, physical education, kinesiology, exercise science, dietetics, nutrition, or public health **OR** Bachelor's in any of the above **AND** Master's in any biological science **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
HE 101	Health Education
HE 120	Stress Management
HE 201	Women's Health Issues

**DISCIPLINE: LICENSED VOCATIONAL NURSING**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
VN 109	Fundamentals of Patient Care for Vocational Nurses
VN 110	Fundamentals of Vocational Nursing and Pharmacology
VN 111	Vocational Nursing in the Child-Bearing Family and Pediatric Patient
VN 112	Nursing to Promote Self-Care Agency in the Adult
VN 113	Nursing Leadership to Promote Self-Care Agency in the Adult

**DISCIPLINE: NURSING**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in nursing **OR** Bachelor's in nursing **AND** Master's in health education or health science **OR** The equivalent **OR** The minimum qualifications as set by the Board of Registered Nursing, whichever is higher

**DISCIPLINE: NURSING SCIENCE/CLINICAL PRACTICE**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Any bachelor's degree and two years of experience, or any associate degree and six years of experience

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
NS 101A	Fundamentals of Nursing Science
NS 101L	Skills Lab I
NS 102A	Maternal and Newborn Nursing
NS 102L	Skills Lab II
NS 103A	Medical Surgical Nursing I
NS 200A	Nursing Transition
NS 201A	Psychiatric-Mental Nursing
NS 201L	Skills Lab III
NS 202A	Medical Surgical Nursing II
NS 202L	Skills Lab IV
NS 203A	Pediatrics Nursing
NS 204A	Medical Surgical Nursing III
NS 205A	Transition to Professional Nursing

**DISCIPLINE: NUTRITIONAL SCIENCE/DIETETICS**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in nutrition, dietetics, or dietetics and food administration **OR** Bachelor's in any of the above **AND** Master's in chemistry, public health, or family and consumer studies/home economics **OR** The equivalent.

(Note: A bachelor's degree in nutrition, dietetics, or dietetics and food administration, and certification as a registered dietician, is an alternative qualification for this discipline.)

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
NF 100	Nutrition
NF 102	Nutrition and Food for Children
NF 103	Principles of Food Preparation
NF 110	Sports Nutrition
NF 150	Food and Culture

## **DISCIPLINE: PHYSICAL EDUCATION**

### **MINIMUM QUALIFICATIONS:** **MASTERS DEGREE REQUIRED**

Master's in physical education, exercise science, education with an emphasis in physical education, kinesiology, physiology of exercise, or adaptive physical education, **OR** Bachelor's in any of the above **AND** Master's in any life science, dance, physiology, health education, recreation administration, or physical therapy **OR** The equivalent

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
KINF 100	Adaptive Physical Education
KINF 107	Beginning Weight Lifting
KINF 108	Intermediate Weight Lifting
KINF 130	Physical Conditioning
KINF 132	Aerobic Conditioning
KINF 140	Beginning Golf
KINF 144	Hatha Yoga
KINF 150	Beginning Soccer
KINF 151	Intermediate Soccer
KINF 160	Beginning Tennis
KINF 161	Intermediate Tennis
KINF 180	Beginning Volleyball
KINF 181	Intermediate Volleyball
KINF 190	Beginning Swimming for Non-swimmers
KINF 192	Intermediate Swimming
KINF 193	Water Aerobics
KINF 195	Beginning Fitness Swimming
KINF 220	Advanced Basketball
KINF 240	Advanced Golf
KINF 244	Intermediate/Advanced Hatha Yoga
KINF 260	Advanced Tennis
KINF 280	Advanced Volleyball
KINT 100	Introduction to Kinesiology
KINT 101	First Aid and Emergency Care
KINT 102	Officiating-Fall Sports
KINT 103	Officiating-Spring Sports
KINT 104	Sports Appreciation
KINT 240	Yoga Teacher Training 1-Yogic Lifestyle and Yoga as a Healing Practice
KINT 241	Yoga Teacher Training 2- Gross and Subtle Anatomy
KINT 242	Yoga Teacher Training 3- Pedagogy: The Art and Science of Teaching
KINT 243	Yoga Teacher Training 4- Social Applications of Yoga
REC 101	Introduction to Recreation and Leisure
REC 102	Recreational Leadership

**DISCIPLINE: COACHING**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

Any Bachelor's degree or higher and 2 years of professional experience, **OR** any associate degree and 6 years of professional experience, **OR** the equivalent.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
IATH 101	Weight Training for Athletes
IATH 102	Pre-Season Sport Conditioning
IATH 205	Intercollegiate Football
IATH 210	Intercollegiate Baseball
IATH 215	Intercollegiate Women's Softball
IATH 220	Intercollegiate Men's Basketball
IATH 225	Intercollegiate Women's Basketball
IATH 230	Intercollegiate Cross Country
IATH 240	Intercollegiate Men's Golf
IATH 245	Intercollegiate Women's Golf
IATH 250	Intercollegiate Men's Soccer
IATH 255	Intercollegiate Women's Soccer
IATH 265	Intercollegiate Women's Tennis
IATH 270	Intercollegiate Track
IATH 280	Intercollegiate Men's Volleyball
IATH 285	Intercollegiate Women's Volleyball

**DISCIPLINE: RADIOLOGICAL TECHNOLOGY**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
RADT 101	Introduction to Radiologic Technology
RADT 102	Patient Care in Radiology
RADT 103	Radiographic Positioning and Procedures I
RADT 104	Radiographic Principles I
RADT 106	Radiographic Clinical Practicum IA
RADT 107	Radiographic Positioning and Procedures II
RADT 108	Advanced Principles of Exposure
RADT 109	Radiation Physics
RADT 201	Radiographic Clinical Practicum III
RADT 202	Radiographic Pathology
RADT 203	Fluoroscopic Imaging & Radiation Protection
RADT 204	Principles & Applications of Cross-Sectional Anatomy in Imaging
RADT 205	Radiographic Clinical Practicum IV
RADT 207	Advanced Radiographic Procedures
RADT 208	Radiographic Certification Preparation
RADT 210	Principles of Venipuncture for Radiology



**DISCIPLINE: RESPIRATORY TECHNICIAN**

**MINIMUM QUALIFICATIONS:**

**MASTER'S DEGREE NOT GENERALLY EXPECTED OR AVAILABLE**

The minimum qualifications for disciplines on this list are any bachelor's degree and two years of professional experience, or any associate degree and six years of professional experience.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
RCP 101	Fundamentals of Respiratory Care
RCP 102	Clinical Preparation for Respiratory Care
RCP 103	Concepts in Respiratory Care
RCP 104	Respiratory Care Pharmacology
RCP 105	Fundamentals of Clinical Respiratory Care
RCP 201	Neonatal and Pediatric Respiratory Care
RCP 202	Fundamentals of Intensive Respiratory Care
RCP 203	Seminar & Practicum in Respiratory Care I
RCP 204	Seminar & Practicum in Respiratory Care II

## **DISCIPLINES LIST**

**DIVISION: INSTITUTIONAL EFFECTIVENESS, RESEARCH AND PLANNING /  
LIBRARY SERVICES**

**DISCIPLINE: LIBRARY SCIENCE**

**MINIMUM QUALIFICATIONS:  
MASTERS DEGREE REQUIRED**

Master's in library science, library and information science, **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
LIB 101	Introduction to Academic Library Research
LIB 107	Information Literacy
LIB 110	Introduction to Internet Research

**DISCIPLINES LIST**  
**DIVISION: MATH, SCIENCE, AND ENGINEERING**

**DISCIPLINE: AGRICULTURE**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in agriculture, agriculture science, education with a specialization in agriculture or other agriculture area (including: agricultural business, agricultural engineering, agricultural mechanics, agronomy, animal science, enology, environmental (ornamental) horticulture, equine science, forestry, natural resources, plant science, pomology, soil science, viticulture, or other agricultural science **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
AGRI 100	Fruit and Nut Production
AGRI 102	Plant Pest Control
AGRI 104	Nursery Practices
AGRI 110	Basic Landscape Design
AGRI 112	Plant and Landscape Maintenance
AGRI 130	Environmental Gardening
AGRI 132	Turf and Landscape Maintenance
AGRI 134	Plant Identification I
AGRI 153	Lands Construction –Concrete and Masonry
AGRI 155	Lands Construction –Wood and Lighting
AGRI 210	Advanced Landscape Design
AGRI 212	Interior Plantscape
AGRI 220	Landscape Irrigation
AGRI 230	Soils and Plant Nutrition
AGRI 234	Plant Identification II
AGRI 250	Landscape Management

**DISCIPLINE: BIOLOGICAL SCIENCES**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in any biological science **OR** Bachelor's in any biological science **AND** Master's in biochemistry, biophysics, or marine science **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
BIOL 100	Elementary Human Anatomy & Physiology
BIOL 101	General Biology
BIOL 101L	General Biology Lab
BIOL 102	Human Biology
BIOL 103	Introduction to Botany
BIOL 104	Environmental Biology
BIOL 110	General Molecular Cell Biology
BIOL 120	General Organism, Ecological and Evolutionary Biology
BIOL 201	General Human Anatomy
BIOL 202	General Human Physiology
BIOL 204	General Microbiology
BIOL 205	Introduction to Biotechnology
BIOL 304	A Survey of Emerging and Re-emerging Infectious Diseases

**DISCIPLINE: CHEMISTRY**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in chemistry **OR** Bachelor's in chemistry or biochemistry **AND** Master's in biochemistry, chemical engineering, chemical physics, physics, molecular biology, or geochemistry **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
CHEM 101	Introductory Chemistry
CHEM 102	Introductory Chemistry (Organic & Biochemistry)
CHEM 110	General Chemistry
CHEM 120	General Chemistry
CHEM 205	Quantitative Analysis
CHEM 210	Organic Chemistry
CHEM 220	Organic Chemistry

**DISCIPLINE: EARTH SCIENCE**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in geology, geophysics, earth sciences, meteorology, oceanography, or paleontology **OR**  
Bachelor's in geology **AND** Master's in geography, physics, or geochemistry **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
GEOL 101	Physical Geology
GEOL 101L	Physical Geology Lab
GEOL 102	Historical Geology
GEOL 102L	Historical Geology Lab
ERSC 101	Introduction to Earth Science

**DISCIPLINE: ENGINEERING**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in any field of engineering **OR** Bachelor's in any of the above **AND** Master's in mathematics, physics, computer science, chemistry, or geology **OR** The equivalent

*(NOTE: A Bachelor's in any field of engineering with a professional engineer's license is an alternative qualification for this discipline, pursuant to Title 5 Section 53410.1.)*

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
ENGR 110	Engineering Orientation and Basic Skills
ENGR 115	Basic Engineering Drawing
ENGR 125	Programming and Problem-Solving in MATLAB
ENGR 130	Materials Science
ENGR 130L	Materials Science Lab
ENGR 140	Engineering 3D Graphics
ENGR 185	Digital Logic and Design
ENGR 210	Statics
ENGR 215	Dynamics
ENGR 220	Strength of Materials
ENGR 220PS	Strength of Materials Problem Solving Session
ENGR 220L	Strength of Materials Lab
ENGR 230	Circuit Analysis

**DISCIPLINE: GEOGRAPHY**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in geography **OR** Bachelor's in geography **AND** Master's in geology, history, meteorology, or oceanography **OR** The equivalent **OR** see Interdisciplinary Studies.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
GEOG 101	Physical Geography: Earth's Surface Landscapes
GEOG 101L	Physical Geography Lab: Earth's Surface Landscape
GEOG 102	Physical Geography: Earth's Weather & Climate
GEOG 102L	Physical Geography Lab: Earth's Weather & Climate
GEOG 105	Cultural Geography
GEOG 106	California Geography
GEOG 110	World Regional Geography
GEOG 201	Map Interpretation and GPS
GEOG 205	Introduction to Geographic Information Systems
GEOG 220	Data Acquisition and Management in Geographic Info. Systems
GEOG 221	Spatial Analysis in Geographic Information Systems
GEOG 222	Cartography for Geographic Information Systems
GEOG 298C	Special Studies in Geographic Information Systems
GEOG 299	Special Topics-Field Geography



**DISCIPLINE: MATHEMATICS**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in mathematics or applied mathematics **OR** Bachelor's in either of the above **AND** Master's in statistics, physics, or mathematics education **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
MATH 001	Individualized Self-Study Math
MATH 020	Managing Math Anxiety
MATH 021	Math Study Strategy
MATH 065	Basic Math
MATH 070	Elementary Algebra
MATH 102	Intermediate Algebra
MATH 110	Mathematics for Liberal Arts Studies
MATH 115	Statistics
MATH 116	Introduction to Statistics Using R
MATH 120	Math for Teachers
MATH 124	Finite Math
MATH 128	College Algebra for Liberal Arts
MATH 135	Plane Trigonometry
MATH 140	Precalculus
MATH 148	Calculus for Business and Economics
MATH 150	Calculus and Analytic Geometry
MATH 160	Calculus and Analytic Geometry
MATH 220	Linear Algebra
MATH 230	Introduction to Ordinary Differential Equations
MATH 250	Calculus and Analytic Geometry

**DISCIPLINE: PHYSICAL SCIENCE**  
(Interdisciplinary Studies)

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED:**

Master's in the interdisciplinary area **OR** Master's in one of the disciplines included in the interdisciplinary area and upper division or graduate course work in at least one other constituent discipline

(Note: The interdisciplinary studies discipline is provided to allow for those cases where it is locally determined that a course must be taught by someone with qualifications that exceed a single discipline. The constituent disciplines can include any disciplines found in the Master's degree list.)

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
PSCI 101	Physical Science
PSCI 302	Introduction to Quantitative Atmospheric Dynamics and Thermodynamics

**DISCIPLINE: PHYSICS/ASTRONOMY**

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in physics, astronomy, or astrophysics **OR** Bachelor's in physics or astronomy **AND** Master's in engineering, mathematics, meteorology, or geophysics **OR** The equivalent

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ASTR 101	Astronomy
ASTR 101L	Astronomy Laboratory
PHYS 101	Introductory Physics
PHYS 102	Introductory Physics
PHYS 110	General Physics
PHYS 120	General Physics
PHYS 211	General Physics

**DISCIPLINES LIST**  
**DIVISION: RHETORIC AND LITERACY**

**DISCIPLINE: COMMUNICATION STUDIES**

(Speech Communication)

**MINIMUM QUALIFICATIONS:**

**MASTERS DEGREE REQUIRED**

Master's in speech, speech broadcasting, telecommunications, rhetoric, communication, communication studies, speech communication, or organizational communication **OR** Bachelor's in any of the above **AND** Master's in drama/theater arts, mass communication, or English **OR** the equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>	<b><u>Other Discipline (MQ)</u></b>
COMM 101	Introduction to Public Speaking	
COMM 103	Process of Communication	
COMM 105	Introduction to Mass Communication	Jour and/or Film Studies
COMM 107	Introduction to Interpersonal Communication	
COMM 109	Small Group Communication	
COMM 112	Oral Interpretation	
COMM 114	The Art of Storytelling	
COMM 115	Introduction to Argumentation and Debate	
COMM 116	Forensics	
COMM 214	Studies in Storytelling	
COMM 215	Public Relations Communication	Journalism
COMM 217	Gender and Communication	
COMM 219	Introduction to Intercultural Communication	

## **DISCIPLINE: ENGLISH**

### **MINIMUM QUALIFICATIONS:** **MASTERS DEGREE REQUIRED**

Master's in English, literature, comparative literature, or composition **OR** Bachelor's in any of the above **AND** Master's in linguistics, TESL, speech, education with a specialization in reading, creative writing, or journalism **OR** the equivalent

### **COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
ENGL 090	Grammar and Mechanics
ENGL 095	Composition Skills
ENGL 097	Composition Portfolio A
ENGL 099	Composition Portfolio B
ENGL 100A	Academic Strategies
ENGL 101	Academic Composition
ENGL 102	Critical Thinking and Literature
ENGL 103	Critical Thinking and Research
ENGL 111	Creative Writing: Fiction
ENGL 112	Creative Writing: Poetry
ENGL 113	Creative Writing: Nonfiction
ENGL 115	Introduction to Technical Communication
ENGL 221	American Literature 1400-1865
ENGL 222	American Literature 1865-Present
ENGL 225	English Literature, 800-1750
ENGL 227	English Literature, 1750-Present
ENGL 230	World Literature 1
ENGL 231	World Literature 2
ENGL 235	Shakespeare: Tragedies and Histories
ENGL 236	Shakespeare: Comedies, Romances and Sonnets
ENGL 240	Studies in Poetry
ENGL 242	Studies in Fiction
ENGL 246	Studies in Drama
ENGL 250	Cross-Cultural Literature in America
ENGL 253	African American Literature
ENGL 256	Hispanic and Latin American Literatures
ENGL 257	Native American Literature
ENGL 259	Gender, Image, and Rhetoric
ENGL 265	Literature and Film
ENGL 279	Science Fiction and Dystopic Literature
ENGL 299	Special Topics in Literature
ENGL 315	Applied Technical Writing

## **DISCIPLINE: ENGLISH AS A SECOND LANGUAGE**

### **MINIMUM QUALIFICATIONS:** **MASTERS DEGREE REQUIRED**

Master's in TESL, TESOL, applied linguistics with a TESL emphasis, linguistics with a TESL emphasis, English with a TESL emphasis, or education with a TESL emphasis **OR** Bachelor's in TESL, TESOL, English with a TESL certificate, linguistics with a TESL certificate, applied linguistics with a TESL certificate, or any foreign language with a TESL certificate **AND** Master's in linguistics, applied linguistics, English, composition, bilingual/bicultural studies, reading, speech, or any foreign language **OR** The equivalent

### **COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
ESL 018	ESL Reading and Writing 1
ESL 019	ESL Skills Building 1
ESL 020	ESL Vocabulary and Pronunciation 2
ESL 023	ESL Grammar 2
ESL 028	ESL Reading and Writing 2
ESL 030	ESL Vocabulary and Pronunciation 3
ESL 033	ESL Grammar 3
ESL 038	ESL Reading and Writing 3
ESL 040	ESL Vocabulary and Pronunciation 4
ESL 043	ESL Grammar 4
ESL 048	ESL Reading and Writing 4
ESL 050P	ESL Vocabulary and Pronunciation 5
ESL 053	ESL Grammar 5
ESL 058	ESL Reading and Writing 5
ESL 099	Advanced Composition

**DISCIPLINE: JOURNALISM**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in journalism or communication with a specialization in journalism **OR** Bachelor's in either of the above **AND** Master's in English history, communication, literature, composition, comparative literature, any social science, business, business administration, marketing, graphics, or photography **OR** the equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>	<b><u>Other Disciplines (MQ)</u></b>
JOUR 121	Beginning Journalism	Communication Studies
JOUR 123	Newspaper Production	Communication Studies

**DISCIPLINE: LEARNING ASSISTANCE or LEARNING SKILLS COORDINATORS or INSTRUCTORS, and TUTORING COORDINATORS**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Minimum Qualifications for these faculty members are specified in Title 5 Section 53415.

The minimum qualifications for service as a learning assistance or learning skills coordinator or instructor, or tutoring coordinator, shall be either (a) or (b) below:

- (a) any master's degree level discipline in which learning assistance or tutoring is provided at the college where the coordinator is employed; or
- (b) a master's degree in education, educational psychology, or instructional psychology, or other master's degree with emphasis in adult learning theory.

Note: Minimum qualifications do not apply to tutoring or learning assistance for which no apportionment is claimed.

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
LAC 020	Managing Writing Anxiety
LAC 098	Math for Nursing
LAC 099	Dosage Calculation
LAC 100	Introduction to Tutoring
LAC 200	Advanced Tutoring
LAC 299	Master Tutor



**DISCIPLINE: READING**

**MINIMUM QUALIFICATIONS:**  
**MASTERS DEGREE REQUIRED**

Master's in education with a specialization in reading or teaching reading **OR** Bachelor's in any academic discipline **AND** twelve semester units of course work in teaching reading **AND** Master's in English, literature, linguistics, applied linguistics, composition, comparative literature, TESL, or psychology **OR** The equivalent

**COURSES:**

<b><u>Subject &amp; Number</u></b>	<b><u>Title</u></b>
READ 095	Reading Skills
READ 099	Critical Reading

## NONCREDIT COURSES

### MINIMUM QUALIFICATIONS FOR NONCREDIT COURSES

Except as provided elsewhere in this article, the minimum qualifications for service as a faculty member teaching a noncredit course shall be the same as the minimum qualifications for credit instruction in the appropriate discipline, or as follows:

- (a) For an interdisciplinary noncredit basic skills course, a bachelor's in any social science, humanities, mathematics, or natural science discipline or in liberal studies, as appropriate for the course.
- (b) For a noncredit basic skills course in mathematics, a bachelor's in mathematics.
- (c) For a noncredit basic skills course in reading and/or writing, either: a bachelor's degree in English, literature, comparative literature, composition, linguistics, speech, creative writing, or journalism; or a bachelor's degree in any discipline and twelve semester units of coursework in teaching reading.
- (d) For a noncredit course in citizenship, a bachelor's degree in any discipline, and six semester units in American history and institutions.
- (e) For a noncredit course in English as a second language (ESL), any one of the following:
  - 1) A bachelor's degree in teaching English as a second language, or teaching English to speakers of other languages.
  - 2) A bachelor's degree in education, English, linguistics, applied linguistics, any foreign language, composition, bilingual/bicultural studies, reading, or speech; and a certificate in teaching English as a second language, which may be completed concurrently during the first year of employment as a noncredit instructor.
  - 3) A bachelor's degree with any of the majors specified in subparagraph (2) above; and one year of experience teaching ESL in an accredited institution; and a certificate in teaching English as a second language, which may be completed concurrently during the first two years of employment as a noncredit instructor.
  - 4) Possession of a fulltime, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in ESL.
- (f) For a noncredit course in health and safety, a bachelor's degree in health science, health education, biology, nursing, dietetics, or nutrition; or an associate degree in any of those subjects, and four years of professional experience related to the subject of the course taught.
- (g) For a noncredit course in home economics, a bachelor's degree in home economics, life management, family and consumer studies, dietetics, food management interior design, or clothing and textiles; or an associated degree in any of those subjects, and four years of professional experience related to the subject of the course taught.
- (h) For a noncredit course intended for older adults, either pattern (1) or pattern (2) following:
  - 1) A bachelor's degree with a major related to the subject of the course taught, and either (A) or (B) below:
    - (A) Thirty hours or two semester units of course work or class work in understanding the needs of the older adult taken at an accredited institution of higher education or approved by the district. This requirement may be completed concurrently during the first year of employment as a noncredit instructor.
    - (B) One year of professional experience working with older adults.
  - 2) An associate degree with a major related to the subject of the course taught; and two years of occupational experience related to the subject of the course taught;

and sixty hours or four semester units of coursework or classwork in understanding the needs of the older adult, taken at an accredited institution of higher education or approved by the district. This last requirement may be completed concurrently during the first year of employment as a noncredit instructor.

- (i) For a noncredit course in parent education, a bachelor's degree in child development, early childhood education, human development, family and consumer studies with a specialization in child development or early childhood education, educational psychology with a specialization in child development, elementary education, psychology, or family life studies; and two years of professional experience in early childhood programs or parenting education.
- (j) For a short-term noncredit vocational course, any one of the following:
  - 1) A bachelor's degree; and two years of occupational experience related to the subject of the course taught.
  - 2) An associate degree; and six years of occupational experience related to the subject of the course taught.
  - 3) Possession of a fulltime, clear California Designated Subjects Adult Education Teaching Credential authorizing instruction in the subject matter.
  - 4) For courses in an occupation for which the district offers or has offered apprenticeship instruction, the minimum qualifications for noncredit apprenticeship instructors in that occupation, as specified in Section 53413.

**COURSES:**

<b>Subject &amp; Number</b>	<b>Title</b>
LAC 900	Supervised Tutoring
LAC 901	Supervised Learning Assistance

ANTELOPE VALLEY COLLEGE  
Office of the Dean of Enrollment Services

**PETITION FOR CREDIT BY EXAMINATION  
INFORMATION, CONDITIONS AND RESTRICTIONS**

INFORMATION:

A currently enrolled student may challenge certain courses offered by the College for any of the following purposes:

- Satisfying prerequisites.
- Meeting graduation unit requirements.
- Obtaining course credit for equivalent experience or competency.

Students MAY NOT be registered for the course being challenged.

Students may be permitted to obtain credit by examination in selected subjects designated by a division in which the course is taught. A fee is charged for each examination. Students must be qualified to challenge a course by examination through satisfaction of prerequisites for the course or previous experience or training. The grade and credits received after satisfactory completion of examinations will be entered on the student's permanent record. The student's academic record shall be clearly annotated to reflect that the credit was earned by examination.

The results of the examination will be entered on the student's record. At the time a request is submitted, students must indicate whether they wish a letter grade, or a grade of "Pass/No Pass" (if allowed).

One year must elapse before a request for re-examination will be considered.

CONDITIONS AND RESTRICTIONS:

1. Students must be currently enrolled at AVC.
2. Students must submit challenge forms within the first four weeks of the semester.
3. Students challenging a course must complete the examination by Friday of the seventh week of the semester.
4. Students may challenge a maximum of four courses during their enrollment at AVC.
5. Challenge forms are available only in the fall and spring semesters. Summer forms are available only with the written permission of the instructor.
6. The units received by examination may not be used to satisfy the college's residency requirements.
7. Credit received is not applicable for financial aid, veteran's pay, or athletic eligibility.

**PETITION FOR CREDIT BY EXAMINATION  
REQUEST PROCEDURE**

PROCEDURE:

1. Students requesting credit by examination must be currently registered at AVC and actively participating in course (s). Students MAY NOT be enrolled in the course they are challenging.
2. A student wishing to challenge a course must submit the completed Petition for Credit by Examination form to Admission and Records within the first four weeks of the semester. The form shall indicate if the course is to be challenged for grade or "Pass/No Pass".
3. Students whose form has been approved by Admissions & Records will be required to pay the current per-unit enrollment fee to the Cashier's Office.
4. The student then submits the form to the appropriate Division Dean and instructor for approval. It is the student's responsibility to make the necessary arrangements with the instructor.
5. The student should request a copy of the completed Petition for Credit by Examination form from the Division.
6. The form is forwarded to Admissions & Records by the Division Office with the final grade.
7. The grade will be posted to the record at the end of the semester.
8. The student is notified that a change has been made to their academic record by email.

**ANTELOPE VALLEY COLLEGE**  
**Office of Academic Affairs**

**CREDIT BY EXAMINATION COURSE LIST**  
**(Challenge List)**

ABDY 112	Basic Auto Body Repair
ABDY 122	Basic Automotive Refinishing
ACCT 111	Bookkeeping
ACCT 113	Bookkeeping II
ACCT 115	Payroll Bookkeeping
ACCT 121	Microcomputer Accounting
ACCT 131	Introduction to Income Tax
ACRV 112	Basic Refrigeration Systems
ACRV 113	Basic Refrigeration Controls
ACRV 122	Residential Air Conditioning Systems
ACRV 123	Residential Air Conditioning Controls
AFAB 110	Introduction to Aircraft Structures, Blueprint and Manufacturing Documentation
AFAB 130	Aerospace Ethics and Issues
AFAB 210	Aircraft Production Systems
AGRI 102	Plant Pest Control
AGRI 104	Nursery Practices
AGRI 110	Basic Landscape Design
AGRI 112	Plant and Landscape Maintenance
AGRI 132	Turf and Landscape Maintenance
AGRI 134	Plant Identification I
AGRI 153	Landscape Construction – Concrete and Masonry
AGRI 155	Landscape Construction – Wood and Lighting
AGRI 210	Advanced Landscape Design
AGRI 212	Interior Plantscape
AGRI 220	Landscape Irrigation
AGRI 230	Soils and Plant Nutrition
AGRI 234	Plant Identification II
AGRI 250	Landscape Management
AJ 101	Introduction to Administration of Justice
AJ 102	Criminal Law
AJ 103	Criminal Evidence
AJ 104	Introduction to Corrections
AJ 204	Juvenile Procedures
ASTR 101	Astronomy
ATH 100	Introduction to Athletic Training
BUS 101	Introduction to Business
BUS 105	Business Mathematics
BUS 111	Business English
CA 103	Introduction to Computers and Digital Technology
CA 111	Word Processing – Microsoft Word
CA 171	Introduction to Networking
CA 175	Administering Windows Server
CA 176	Windows Server Networking
CHIN 101	Elementary Chinese I
CHIN 102	Elementary Chinese 2

CIS 101	Introduction to Computer Information Science
CIS 121	Computer Mathematics
CT 105	Principles of Sewing
DFST 101	American Sign Language I
DFST 102	American Sign Language II
DM 101	Digital Media Arts
DM 103	Graphic Design I
DM 113	Photoshop I
DM 115	Graphic Communication I
ELEC 110	Fundamentals of Electricity
ELEC 115	Electrical Codes and Ordinances
ELEC 130	Alternating Current Theory
ELTE 110	Electronics Mathematics
ELTE 125	Direct Current and Alternating Current Principles
ELTE 130	Digital Circuit Analysis
ENGR 110	Engineering Orientation and Basic Skills
ENGR 115	Basic Engineering Drawing
ENGR 120	Introduction to 2-D CAD
ENGR 185	Digital Logic and Design
FREN 101	Elementary French 1
FREN 102	Elementary French 2
FTEC 111	Fire Protection Organization
FTEC 112	Fire Prevention Technology
FTEC 113	Fire Protection Equipment and Systems
FTEC 114	Building Construction for Fire Protection
FTEC 115	Fire Behavior and Combustion
GEOG 101	Physical Geography: Earth's Surface Landscapes
GEOL 101	Physical Geology
GER 101	Elementary German 1
GER 102	Elementary German 2
HE 101	Health Education
ID 100	Introduction to Interior Design
ID 150	History of Design I
ID 160	Material Selection for Interior Design
ID 201	History of Design II
ID 230	Fundamentals of Lighting Design
ID 250	Professional Interior Design Business Practices
LATN 101	Elementary Latin 1
LATN 102	Elementary Latin 2
MATH 070	Elementary Algebra
MATH 102	Intermediate Algebra
NATH 105	Geometry and Methods of Proof
MATH 115	Statistics
MATH 120	Math for Teachers
MATH 124	Finite Math
MATH 128	College Algebra for Liberal Arts

MATH 135	Plane Trigonometry
MATH 140	Precalculus
MATH 148	Calculus for Business and Economics
MATH 150	Calculus and Analytic Geometry
MATH 160	Calculus and Analytic Geometry
MATH 220	Linear Algebra
MATH 230	Introduction to Ordinary Differential Equations
MATH 250	Calculus and Analytic Geometry
MGT 101	Management Principles
MGT 105	Elements of Supervision
MGT 115	Human Behavior in Organizations
MGT 121	Human Resources Management
MKTG 101	Principles of Marketing
MKTG 112	Introduction to Advertising
MKTG 121	Salesmanship
MOA 101	Beginning Medical Terminology
MOA 102	Advanced Medical Terminology
MUS 111	Fundamentals of Music
MUS 131	Keyboard Skills I
MUS 132	Keyboard Skills II
NS 101A	Fundamentals of Nursing Science
NS 102A	Maternal and Newborn Nursing
NS 103A	Medical Surgical Nursing I
NS 200A	Nursing Transition
NS 201A	Psychiatric-Mental Health Nursing
NS 202A	Medical Surgical Nursing II
NS 203A	Pediatric Nursing
NS 204A	Medical Surgical Nursing III
NS 205A	Transition to Professional Nursing
OT 101	Beginning Computer Keyboarding
OT 102	Intermediate Computer Keyboarding
OT 103	Advanced Computer Keyboarding
OT 121	Spreadsheets for the Office
OT 152	Beginning Medical Insurance
RE 111	Real Estate Finance
RE 121	Legal Aspects of Real Estate
RE 141	Escrow Principles
RE 161	Property Management
SPAN 101	Elementary Spanish 1
SPAN 102	Elementary Spanish 2
VN 109	Fundamentals of Patient care for Vocational Nurses
VN 110	Self-Care: Fundamentals and Pharmacology
VN 111	Nursing to Promote Self-Care Agency in the Child Bearing Family and Pediatric Patient
VN 112	Nursing to Promote Self-Care Agency in the Adult
VN 113	Nursing Leadership to Promote Self-Care Agency in the Adult