

A. NAME OF AGENDA ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose

Sections 55002, 55130 and 55150 of Title 5 requires the local district governing board approve degree-applicable credit courses, nondegree-applicable credit courses, noncredit courses, community services offerings, and credit and noncredit programs.

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College or Continuing Education:

General Education

Adoption of a Program Revision at City College. (**Attachment A**)

General Education

Adoption of a Program Revision at Miramar College. (**Attachment B**)

Hospitality

Adoption of a Program Revision at Mesa College. (**Attachment C1-C2**)

Liberal Arts and Sciences

Adoption of a Program Revision at City College. (**Attachment D1-D9**)

Liberal Arts and Sciences

Adoption of a Program Revision at Mesa College. (**Attachment E1-E16**)

Liberal Studies

Adoption of a Program Revision at Mesa College (**Attachment F**)

Network Security Specialist Certificate Program

Adoption of a new Certificate of Completion at Continuing Education.  
(**Attachment G**)

Network Support Specialist Certificate Program

Adoption of a new Certificate of Completion at Continuing Education.  
**Attachment H**)

Transfer Studies

Adoption of a Program Revision at Miramar College. (**Attachment I1-I13**)

Henry T. Ingle, Ph.D.  
Vice Chancellor  
Instructional Services

2. Cost and Funding

There is no additional cost to the District

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A.

ACTION

Adoption of a Program Revision at City College.

Proposed Program Revision at City College:

Converting from a Non-Compliant Degree to a Compliant Degree

**Certificate of Achievement:  
General Education**

The General Education Certificate is designed for transfer students who intend to complete university general education requirements prior to transfer to a California State University (CSU) or University of California (UC) campus.

General education (GE) is a set of courses from a variety of different subject areas that every student must complete in order to earn a degree, regardless of major. The goal is to provide a well-rounded or “liberal” education and to develop the knowledge, skills, and attitudes that together help make up an educated person. The completion of GE prior to transfer is not required for admission to most universities. However, it is usually in the students’ best interest to complete an appropriate transfer GE pattern at the community college. This is because GE requirements that are not fulfilled prior to transfer must be completed later at the university, which often extends the time and expense of a university education.

The Certificate of Achievement in General Education is awarded upon completion of one of the following two transfer GE patterns:

**California State University General Education – Breadth Pattern (CSU GE)**

**Option**

The student will select courses that fulfill the CSU GE certification pattern detailed on page 86 of the City College catalog. CSU GE is accepted by all CSU campuses and some private / independent or out of state universities. CSU GE is not accepted by the UC system.

**Total units = 39-40**

**Intersegmental General Education Transfer Curriculum (IGETC) Option**

The student will select courses that fulfill the IGETC certification pattern detailed on page 99 of the City College catalog. IGETC is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private / independent or out of state universities.

**Total units = 37-40**

ACTION

Adoption of a Program Revision at Miramar College.

Proposed Program Revision at Miramar College:

Converting from a Non-Complaint Degree to a Compliant Degree

**Certificate of Achievement:  
General Education**

This certificate is designed for transfer students who intend to complete university general education requirements prior to transfer to a California State University (CSU) or University of California (UC) campus.

General education (GE) is a set of courses from a variety of different subject areas that every student must complete in order to earn a degree, regardless of major. The goal is to provide a well-rounded or “liberal” education and to develop the knowledge, skills, and attitudes that together help make up an educated person. The completion of GE prior to transfer is not required for admission to most universities. However, it is usually in the students’ best interest to complete an appropriate transfer GE pattern at the community college. This is because GE requirements that are not fulfilled prior to transfer must be completed later at the university, which often extends the time and expense of a university education.

The Certificate of Achievement in General Education is awarded upon completion of one of the following two transfer GE patterns:

**California State University General Education—Breadth Pattern (CSU GE) Option**

The student will select courses that fulfill the CSU GE certification pattern detailed on page ?? of this catalog. CSU GE is accepted by all CSU campuses and some private / independent or out of state universities. CSU GE is not accepted by the UC system.

**Total units = 39–40**

**Intersegmental General Education Transfer Curriculum (IGETC) Option**

The student will select courses that fulfill the IGETC certification pattern detailed on page ?? of this catalog. IGETC is accepted by all CSU campuses and most UC campuses and majors. It is also accepted by some private/independent or out of state universities.

**Total units = 37–40**

ACTION

Adoption of a Program Revision at Mesa College.

Proposed Program Revision at Mesa College:

**Certificate of Achievement  
Destination & Event Management in  
Hospitality**

<b>Courses Required for the Major:</b>	<b>Units</b>
HOSP 101 Introduction to Hospitality & Tourism.....	3
HOSP 102 Hospitality Financial Reporting .....	3
HOSP 105 Customer Service .....	3
HOSP 115 Strategic Leadership in Hospitality Operations & Management.....	3
HOSP 120 Event & Hospitality Sales & Marketing .....	3
<del>HOTL 110 Lodging Management &amp; Operations .....</del>	<del>3</del>
<del>CACM 111 Professional Cooking &amp; Service in Hospitality .....</del>	<del>2</del>
<del>CACM 140 Food and Beverage Purchasing and Control.....</del>	<del>3</del>
<del>TOUR 110 Event Destination Management.....</del>	<del>2</del>
<del>TOUR 120 HOSP 160 Meeting and Convention Management .....</del>	<del>3</del>
<del>TOUR 125 HOSP 165 Special Event Management .....</del>	<del>3</del>
<del>TOUR 135 HOSP 170 Event Promotion &amp; Sponsorship .....</del>	<del>3</del>
<del>TOUR 130 HOSP 175 Event Convention Service &amp; Catering Management.....</del>	<del>2</del>
<del>TOUR 140 HOSP 180 Event &amp; Meeting Facilities Management OR</del>	<del>2</del>
<del>TOUR 120 HOSP 141 The Business of Wedding Coordination .....</del>	<del>3</del>
<b>Total Units =</b>	<b>29</b>

**Associate in Science Degree  
Destination & Event Management in  
Hospitality**

<b>Courses Required for the Major:</b>	<b>Units</b>
HOSP 101 Introduction to Hospitality & Tourism .....	3
HOSP 102 Hospitality Financial Reporting.....	3
HOSP 105 Customer Service.....	3
<del>HOTL HOSP 110 Lodging Management &amp; Operations....</del>	<del>3</del>
<del>HOSP 111 Food and Beverage Management .....</del>	<del>3</del>
<del>HOSP 115 Strategic Leadership in Hospitality-Operations &amp; Management.....</del>	<del>3</del>
<del>HOSP 120 Event &amp; Hospitality Sales &amp; Marketing .....</del>	<del>3</del>
<del>HOSP 130 Event &amp; Hospitality Law.....</del>	<del>3</del>
<del>HOSP 150 Hospitality Human Resources .....</del>	<del>3</del>
<del>TOUR 120 HOSP 160 Meeting and Convention Management .....</del>	<del>3</del>
<del>TOUR 125 HOSP 165 Special Event Management .....</del>	<del>3</del>
<del>TOUR 135 HOSP 170 Event Promotion &amp; Sponsorship .....</del>	<del>3</del>
<del>TOUR 130 HOSP 175 Event Convention Service &amp; Catering Management.....</del>	<del>2</del>
<b>For The Major, Take Either:</b>	
<del>TOUR 140 HOSP 180 Event &amp; Meeting Facilities Management OR</del>	<del>2</del>
<del>TOUR 120 HOSP 141 The Business of Wedding Coordination .....</del>	<del>3</del>
<del>TOUR 110 Event Destination Management.....</del>	<del>2</del>
<del>CACM 111 Professional Cooking &amp; Service in Hospitality</del>	<del>2</del>
<del>CACM 140 Food and Beverage Purchasing and Control .....</del>	<del>3</del>
<del>CACM 150 Cultural Foods.....</del>	<del>3</del>
<del>BUSE 100 Introduction to Business) .....</del>	<del>3</del>
<del>BUSE 119 Business Communications.....</del>	<del>3</del>
<del>CBTE 140 Microsoft Excel .....</del>	<del>2</del>
<b>Electives For The Major, Take 2 Courses From The Following Courses:</b>	
<del>TOUR 115 Tours: Guiding and Techniques OR</del>	<del>2</del>
<del>CACM 291 Culinary Practicum OR</del>	<del>2</del>
<del>WORK 270 <sup>1</sup> Occupational Work Experience (Parallel Plan) .....</del>	<del>3</del>

<sup>1</sup>Students may complete 250 hours of Departmental approved industry practical training in lieu of this credit requirement.

**Total Units = 49**

**Certificate of Achievement  
Hotel Management in Hospitality -**

<b>Courses Required for the Major:</b>	<b>Units</b>
HOSP 101 Introduction to Hospitality & Tourism.....	3
HOSP 102 Hospitality Financial Reporting .....	3
HOSP 105 Customer Service .....	3
<del>HOTL</del> HOSP 110 Lodging Management & Operations.....	3
HOSP 111 Food and Beverage Management.....	3
HOSP 115 Strategic Leadership in Hospitality Operations & Management.....	3
HOSP 120 Event & Hospitality Sales & Marketing .....	3
<del>HOSP</del> 130 Event & Hospitality Law .....	3
HOSP 150 Hospitality Human Resources.....	3
<del>HOTL</del> 151 Resort Management.....	2
<del>TOUR</del> 130 HOSP 175 Event Convention Service & Catering Management.....	2
<del>CACM</del> 111 Professional Cooking & Service in Hospitality .....	2
<del>CACM</del> 140 Food and Beverage Purchasing and Control.....	3
WORK 270 <sup>1</sup> Occupational Work Experience (Parallel Plan) .....	3

<sup>1</sup>Students may complete 250 hours of Departmental approved industry practical training in lieu of this credit requirements.

**Total Units = 29**

**Associate in Science Degree  
Hotel Management in Hospitality -**

<b>Courses Required for the Major:</b>	<b>Units</b>
HOSP 101 Introduction to Hospitality & Tourism .....	3
HOSP 102 Hospitality Financial Reporting.....	3
HOSP 105 Customer Service.....	3
<del>HOTL</del> HOSP 110 Lodging Management & Operations.....	3
HOSP 111 Food and Beverage Management .....	3
HOSP 115 Strategic Leadership in Hospitality Operations & Management.....	3
HOSP 120 Event & Hospitality Sales & Marketing.....	3
HOSP 130 Event & Hospitality Law.....	3
<del>HOSP</del> 140 Club Management .....	1
HOSP 150 Hospitality Human Resources .....	3
<del>HOTL</del> HOSP 151 Resort Management .....	2
<del>HOTL</del> 160 HOSP 161 Timeshare Management.....	2
<del>TOUR</del> 130 HOSP 175 Event Convention Service & Catering Management.....	2
<del>HOTL</del> 201 Hotel Management Simulations .....	1
<del>CACM</del> 111 Professional Cooking & Service in Hospitality .....	2
<del>CACM</del> 140 Food and Beverage Purchasing and Control.....	3
<del>CACM</del> 150 Cultural Foods .....	3
ACCT 116A Financial Accounting .....	4
CISC 181 Principles of Information Systems .....	4
<del>BUSE</del> 100 Introduction to Business .....	3
<del>BUSE</del> 119 Business Communications.....	3
<del>CBTE</del> 140 Microsoft Excel.....	2

**Take A Minimum Of 6 Units From The Following Courses:**

~~TOUR 120 Meeting and Convention Management) OR~~  
~~TOUR 140 Event & Meeting Facilities Management) OR~~  
 WORK 270 <sup>1</sup> Occupational Work Experience (Parallel Plan)  
 .....3

<sup>1</sup>Students may complete 250 hours of Departmental approved industry practical training in lieu of this credit requirement.

**Total Units = 45**



**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities**

**Courses Required for the Major: Units**  
**Students should complete a minimum of 18 units in**  
**Arts and Humanities courses:**

AMSL 115, American Sign Language Level I  
AMSL 116, American Sign Language Level II  
AMSL 215, American Sign Language Level III  
AMSL 216, American Sign Language Level IV  
ARAB 101, First Course in Arabic  
ARAB 102, Second Course in Arabic  
ANTH 103, Introduction to Cultural Anthropology  
BLAS 110, Afro-American Art  
BLAS 120, Black Music  
BLAS 155, Afro-American Literature  
CHIC 130, Mexican Literature in Translation  
CHIC 135, Chicano Literature  
CHIC 190, Chicano Images in Film  
CHIC 210, Chicano Culture  
ENGL 101, Reading and Composition or  
ENGL 105, Composition and Literature and  
ENGL 202, Introduction to Linguistics  
ENGL 205, Critical Thinking and Intermediate  
Composition  
ENGL 208, Introduction to Literature  
ENGL 209, Literary Approaches to Film  
ENGL 210, American Literature I  
ENGL 211, American Literature II  
ENGL 215, English Literature I: 800-1799  
ENGL 216, English Literature II: 1800-Present  
ENGL 220, Masterpieces of World Literature I: 1500  
BCE-1600CE  
ENGL 221, Masterpieces of World Literature II: 1600-  
Present  
ENGL 230, Asian American Literature  
ENGL 237, Women in Literature  
ENGL 238, Evaluating Children's Literature  
ENGL 240, Shakespeare  
ENGL 245, Writing Creative Nonfiction  
ENGL 247, Writing Seminar - Poetry  
ENGL 249, Introduction to Creative Writing  
ENGL 253, Fundamentals of Fiction Writing  
FREN 101, First Course in French  
FREN 102, Second Course in French  
FREN 201, Third Course in French  
FREN 202, Fourth Course in French  
GERM 101, First Course in German  
GERM102, Second Course in German  
GERM 201, Third Course in German  
HIST 100, World History I  
HIST 101, World History II  
HIST 105, Introduction to Western Civilization I  
HIST 106, Introduction to Western Civilization II

HIST 120, Introduction to Asian Civilizations  
HIST 121, Asian Civilizations in Modern Times  
HUMA 101, Introduction to the Humanities  
HUMA 102, Introduction to the Humanities II  
HUMA 103, Introduction to the New Testament  
HUMA 106, World Religions  
HUMA 201, Mythology  
ITAL 101, First Course in Italian  
ITAL 102, Second Course in Italian  
ITAL 201, Third Course in Italian  
JOUR 200, Introduction to News Writing and Reporting OR  
RTVC 140, Radio and Television News Writing  
JOUR 202, Introduction to Mass Communication OR  
RTVC 200, Introduction to Mass Communication  
JOUR 210A, Journalism Workshop I  
JOUR 210B, Journalism Workshop II  
JOUR 210C, Journalism Workshop III  
JOUR 210D, Journalism Workshop IV  
LABR 100, American Labor Movement  
LIBS 101, Information Literacy and Research Skills  
MATH 119, Elementary Statistics or  
PHIL 100, Logic and Critical Thinking  
PHIL 101, Symbolic Logic  
PHIL 102A, Introduction to Philosophy: Reality and  
Knowledge  
PHIL 102B, Introduction to Philosophy: Values  
PHIL 104A, History of Western Philosophy  
PHIL 104B, History of Western Philosophy  
PHIL 106, Asian Philosophy  
PHIL 107, Reflections on Human Nature  
PHIL 108, Perspectives on Human Nature and Society  
PHIL 111, Philosophy in Literature  
PHIL 125, Philosophy of Women  
PHIL 126, Introduction to Philosophy of Contemporary  
Gender Issues  
POLI 101, Introduction to Political Science  
POLI 102, The American Political System  
PSYC 101, General Psychology  
PSYC 258, Behavioral Science Statistics  
RTVC 107, Broadcast Audio  
RTVC 110, Media Writing  
RTVC 115, Radio and Television Management Principles  
RTVC 126, Staging for Television and Film  
RTVC 160, Introduction to Cinema  
RTVC 247A, Radio Broadcasting Practicum  
RTVC 247B, Radio Broadcasting Practicum  
RUSS 101, First Course in Russian  
RUSS 102, Second Course in Russian  
SPAN 101, First Course in Spanish  
SPAN 102, Second Course in Spanish  
SPAN 201, Third Course in Spanish OR  
SPAN 215, Spanish for Spanish Speakers I  
SPAN 202, Fourth Course in Spanish OR  
SPAN 216, Spanish for Spanish Speakers II  
SPEE 101, Voice and Articulation  
SPEE 103, Oral Communication



SPEE 104, Advanced Public Communication  
SPEE 111, Oral Interpretation  
SPEE 135, Interpersonal Communication  
SPEE 160, Argumentation  
SPEE 170, Small Group Communication  
SPEE 180, Intercultural Communication ..... 18

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Math and Science  
Biological Sciences Specialization**

**Courses Required for the Major: Units**  
**Students should complete a minimum of 18 units in**  
**Biological Science courses:**  
BIOL 101, Issues in Environmental Biology  
BIOL 107, General Biology – Lecture and Laboratory  
BIOL 110, Introduction to Oceanography  
BIOL 115, Marine Biology  
BIOL 130, Human Heredity  
BIOL 180, Plants and People  
BIOL 200, Biological Statistics  
BIOL 205, General Microbiology  
BIOL 210A, Introduction to the Biological Sciences I  
BIOL 210B, Introduction to the Biological Sciences II  
BIOL 215, Introduction to Zoology  
BIOL 230, Human Anatomy  
BIOL 235, Human Physiology  
CHEM 200, General Chemistry I - Lecture  
CHEM 200L, General Chemistry I - Laboratory  
CHEM 201, General Chemistry II Lecture  
CHEM 201L, General Chemistry II Laboratory  
CISC 190, Java Programming  
CISC 192, C/C++ Programming  
PHYS 121A, General Physics Lab  
PHYS 121B, General Physics Lab  
PHYS 125, General Physics  
PHYS 126, General Physics II  
PHYS 180A, General Physics I  
PHYS 180B, General Physics II  
PHYS 195, Mechanics  
PHYS 196, Electricity and Magnetism  
PHYS 197, Waves, Optics and Modern Physics ..... 18



**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Math and Science  
Physical and Earth Sciences  
Specialization**

**Courses Required for the Major: Units**

Students should complete a minimum of 18 units in

Physical and Earth Science courses:

- ASTR 101, Descriptive Astronomy
- ASTR 109, Practice in Observing
- ASTR 111, Astronomy Laboratory
- CHEM 100, Fundamentals of Chemistry
- CHEM 100L, Fundamentals of Chemistry Laboratory
- CHEM 130, Introduction to Organic and Biological Chemistry
- CHEM 130L, Introduction to Organic and Biological Chemistry
- CHEM 152, Introduction to General Chemistry
- CHEM 152L, Introduction to General Chemistry Laboratory
- CHEM 200, General Chemistry I - Lecture
- CHEM 200L, General Chemistry I - Laboratory
- CHEM 201, General Chemistry II Lecture
- CHEM 201L, General Chemistry II Laboratory
- CHEM 231, Organic Chemistry I - Lecture
- CHEM 231L, Organic Chemistry II - Laboratory
- CHEM 233, Organic Chemistry II - Lecture
- CHEM 233L, Organic Chemistry II - Laboratory
- CHEM 251, Analytic Chemistry
- CISC 181, Principles of Information Systems
- CISC 190, Java Programming or
- CISC 192, C/C++ Programming
- GEOG 101, Physical Geography
- GEOG 101L, Physical Geography Laboratory
- GEOG 102, Cultural Geography
- GEOG 104, World Regional Geography
- GEOL 100, General Geology
- GEOL 101, General Geology Laboratory
- GEOL 104, Earth Science
- GISG 104, Geographic Information Science and Spatial Reasoning
- MATH 119, Elementary Statistics
- MATH 150, Calculus with Analytic Geometry I
- MATH 151, Calculus with Analytic Geometry II
- MATH 252, Calculus with Analytic Geometry III
- PHYN 100, Survey of Physical Science
- PHYN 101, Survey of Physical Science Laboratory
- PHYS 100, Introductory Physics
- PHYS 121A, General Physics Lab
- PHYS 121B, General Physics Lab
- PHYS 125, General Physics
- PHYS 126, General Physics II
- PHYS 180A, General Physics I

- PHYS 180B, General Physics II
- PHYS 195, Mechanics
- PHYS 196, Electricity and Magnetism
- PHYS 197, Waves, Optics and Modern Physics
- BIOL 200, Biological Statistics OR
- MATH 119, Elementary Statistics OR
- PSYC 258, Behavioral Science Statistics ..... 18

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Math and Science  
Physical Education/Kinesiology  
Specialization**

**Courses Required for the Major: Units**  
**Students should complete a minimum of 18 units in**  
**Pre-Nursing courses:**

- BIOL 107, General Biology – Lecture and Laboratory
- BIOL 200, Biological Statistics
- BIOL 230, Human Anatomy
- BIOL 235, Human Physiology
- CHEM 100, Fundamentals of Chemistry
- CHEM 100L, Fundamentals of Chemistry Laboratory
- CHEM 130, Introduction to Organic and Biological Chemistry
- CHEM 130L, Introduction to Organic and Biological Chemistry
- CHEM 152, Introduction to General Chemistry
- CHEM 152L, Introduction to General Chemistry Laboratory
- CHEM 200, General Chemistry I - Lecture
- CHEM 200L, General Chemistry I - Laboratory
- CHEM 201, General Chemistry II Lecture
- CHEM 201L, General Chemistry II Laboratory
- BIOL 205, General Microbiology
- BIOL 210A, Introduction to the Biological Sciences I
- BIOL 210B, Introduction to the Biological Sciences II
- DANCE 181, Introduction to Dance
- MATH 116, College and Matrix Algebra
- MATH 119, Elementary Statistics or
- MATH 121, Basic Techniques of Applied Calculus I
- MATH 141, Precalculus
- MATH 150, Calculus with Analytic Geometry I
- PHYE 103, Aerobic Dance
- PHYE 104, Step Aerobics
- PHYE 108, Badminton
- PHYE 112, Basketball
- PHYE 115, Bowling
- PHYE 126, Golf
- PHYE 132, Individual Conditioning
- PHYE 142, Racquetball
- PHYE 149, Soccer
- PHYE 151, Softball
- PHYE 159, Tennis
- PHYE 161, Volleyball
- PHYE 166, Weight Training
- PHYE 182, Adapted Weight Training or
- PHYE 184, Adapted Physical Fitness
- PHYE 232, Martial Arts
- PHYE 241, Introduction to Exercise Science/Physical Education
- PHYE 242, Techniques in Athletic Training
- PHYS 125, General Physics

- PHYS 126, General Physics II
- PHYS 180A, General Physics I
- PHYS 121A, General Physics Laboratory
- PHYS 180B, General Physics II
- PHYS 121B, General Physics Laboratory
- PSYC 101, General Psychology
- PSYC 258, Behavioral Science Statistics
- PSYC 260, Introduction to Physiological Psychology
- SOCO 101, Principles of Sociology ..... 18

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Math and Science  
Pre-Nursing Specialization**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Students should complete a minimum of 18 units in Pre-Nursing courses:</b>	
BIOL 107, General Biology – Lecture and Laboratory	
BIOL 205, General Microbiology	
BIOL 200 Biological Statistics or	
MATH 119, Elementary Statistics or	
PSYC 258, Behavioral Science Statistics	
BIOL 230, Human Anatomy	
BIOL 235, Human Physiology	
CHEM 100, Fundamentals of Chemistry	
CHEM 100L, Fundamentals of Chemistry Laboratory	
CHEM 130, Introduction to Organic and Biological Chemistry	
CHEM 130L, Introduction to Organic and Biological Chemistry	
CHIL 101, Human Growth and Development or	
CHIL 103, Lifespan Growth and Development or	
PSYC 230, Psychology of Lifespan Development	
MATH 116, College and Matrix Algebra	
PSYC 101, General Psychology	
SPEE 103, Oral Communication	
SOCO 101, Principles of Sociology.....	18



**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences**

**Courses Required for the Major: Units**

**Students should complete a minimum of 18 units in Social and Behavioral Science courses:**

ADJU 101, Introduction to Administration of Justice  
ADJU 102, Criminal Law I  
ANTH 102, Introduction to Physical Anthropology  
ANTH 103, Introduction to Cultural Anthropology  
ANTH 104, Laboratory in Physical Anthropology  
ANTH 107, Introduction To Archaeology  
ANTH 115, Introduction to Archeological Field Work  
ANTH 210, Introduction to California Indians  
ANTH 215, Cultures of Latin America  
BIOL 200, Biological Statistics or  
MATH 119, Elementary Statistics or  
PSYC 258, Behavioral Science Statistics  
BLAS 100, Introduction to Black Studies  
BLAS 104, Black Psychology  
BLAS 106, Black Oral Expression and Interpretation  
BLAS 115, Sociology from a Black Perspective  
BLAS 116, Contemporary Social Problems from a  
Black Perspective  
BLAS 120, Black Music  
BLAS 130, The Black Family  
BLAS 135, Introduction to Black Politics  
BLAS 140A, History of the U.S., Black Perspectives  
BLAS 140B, History of the U.S., Black Perspectives  
BLAS 145A, Introduction to African History  
BLAS 145B, Introduction to African History  
BLAS 150, Black Women in Literature and the Media  
BLAS 155, Afro-American Literature  
BLAS 165, Sexuality and Black Culture  
CHIC 110A, Introduction to Chicano Studies  
CHIC 110B, Introduction to Chicano Studies  
CHIC 130, Mexican Literature in Translation  
CHIC 135, Chicano Literature  
CHIC 138, Literature of La Raza in Latin America in  
Translation  
CHIC 141A, United States History from a Chicano  
Perspective  
CHIC 141B, United States History from a Chicano  
Perspective  
CHIC 150, History of Mexico  
CHIC 170, La Chicana  
CHIC 190, Chicano Images in Film  
CHIC 201, Pre-Columbian Cultures of MesoAmerica  
CHIC 210, Chicano Culture  
CHIL 101, Human Growth and Development  
CHIL 111, Curriculum: Music and Motor Skills  
CHIL 121, Curriculum: Art

CHIL 131, Curriculum Language/Science  
CHIL 141, The Child, Family and Community  
CHIL 151, Program Planning  
CHIL 152, School Age Program Planning  
CHIL 160, Observing and Understanding Children  
CHIL 161, Observations and Issues in Child Development  
CHIL 162, Observing and Guiding Child Behavior  
CHIL 165, Children with Special Needs  
CHIL 175, Infant-Toddler Growth and Development  
CHIL 176, Principles of Infant/Toddler Caregiving  
CHIL 180, Nutrition, Health and Safety for Children  
CHIL 202, Administration of Early Childhood Programs  
CHIL 210, Supervision of Early Childhood Programs  
CISC 181, Principles of Information Systems  
CISC 190, Java Programming  
GEOG 102, Cultural Geography  
GEOG 104, World Regional Geography  
HIST 100, World History I  
HIST 101, World History II  
HIST 105, Introduction to Western Civilization I  
HIST 106, Introduction to Western Civilization II  
HIST 109, History of the United States I  
HIST 110, History of the United States II  
HIST 115A, History of the Americas I  
HIST 115B, History of the Americas II  
HIST 120, Introduction to Asian Civilizations  
HIST 121, Asian civilizations in Modern Times  
HIST 123, U.S. History from the Asian Pacific American  
Perspective  
HUMS 101, Introduction to Human Aging  
HUMS 110, Social Work Fields of Service  
HUMS 120, Introduction to Social Work  
LIBS 101, Information Literacy and Research Skills  
POLI 101, Introduction to Political Science  
POLI 102, The American Political System  
POLI 103, Comparative Politics  
POLI 140, Contemporary International Politics  
PSYC 101, General Psychology  
PSYC 135, Marriage and Family Relations  
PSYC 137, Human Sexual Behavior  
PSYC 155, Introduction to Personality  
PSYC 166, Introduction to Social Psychology  
PSYC 211, Learning  
PSYC 230, Psychology of Lifespan Development  
PSYC 245, Abnormal Psychology  
PSYC 255, Introduction to Psychological Research  
PSYC 258, Behavioral Science Statistics  
PSYC 260, Introduction to Physiological Psychology  
SOCO 101, Principles of Sociology  
SOCO 110, Contemporary Social Problems  
SOCO 125, Sociology of the Family  
SOCO 201, Advanced Principles of Sociology  
SPAN 201, Third Course in Spanish .....18

ACTION

Adoption of a Program Revision at Mesa College.

Proposed Program Revision at Mesa College:

Converting from a Non-Compliant Degree to a Compliant Degree

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Arts Studies- Art  
Core courses (9 units)**

ARTF 110, Art History: Prehistoric to Gothic .....	3
ARTF 111, Art History: Renaissance to Modern .....	3
ARTF 150A, Design I .....	3

**Select a minimum of 9 units**

ARTF 100, Art Orientation	
ARTF 109, Nineteenth and Twentieth Century Art	
ARTF 113, African, Oceanic, and Native American Art	
ARTF 150B, Beginning Graphic Design	
ARTF 151, Three-Dimensional Design	
ARTF 155A, Freehand Drawing I	
ARTF 155B, Freehand Drawing II	
ARTF 165A, Composition in Painting I	
ARTF 165B, Composition in Painting II	
ARTF 165C, Composition in Painting III	
ARTF 165D, Composition in Painting IV	
ARTF 174A, Book Arts I	
ARTF 175A, Sculpture I	
ARTF 175B, Sculpture II	
ARTF 175C, Sculpture III	
ARTF 190A, Black and White Art Photography	
ARTF 198A, Introduction to Printmaking I	
ARTF 198B, Introduction to Printmaking II	
ARTF 198C, Introduction to Printmaking III	
ARTF 210A, Life Drawing I	
ARTF 210B, Life Drawing II	
ARTF 210C, Life Drawing III	
ARTF 220A, Life Sculpture I	
ARTF 220B, Life Sculpture II	
ARTF 220C, Life Sculpture III	
ARTF 281, Issues in Visual Art (Lab) .....	9

**Total units = 18**

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Arts Studies- Music**

**Core courses (8 units)**

MUSI 100, Introduction to Music .....	3
MUSI 115A, Class Piano I .....	1
MUSI 115B, Class Piano II .....	1
MUSI 150A, Basic Musicianship .....	3

**Select a minimum of 10 units**

MUSI 268A, Beginning Ear Training Laboratory I	
MUSI 268B, Beginning Ear Training Laboratory II	
MUSI 123, Recital Hour	
MUSI 190, The Electronic Music Studio	
MUSI 202, Computer Music	
MUSI 252, Concert Jazz Band	
MUSI 296, Individualized Instruction in Music .....	10

**Total units = 18**

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Arts Studies- Drama**

**Core courses (9 units)**

DRAM 105, Introduction to Dramatic Arts .....	3
DRAM 132, Beginning Acting .....	3
DRAM 133, Intermediate Acting .....	3

**Select a minimum of 9 units**

DRAM 100A, Fundamentals of Performance and Production I	
DRAM 100B, Fundamentals of Performance and Production II	
DRAM 200A, Fundamentals of Performance and Production III	
DRAM 200B, Fundamentals of Performance and Production IV	
DRAM 122, Makeup for the Stage	
DRAM 151, Cinema as Art and Communication II	
DRAM 150, Cinema as Art and Communication I	
DRAM 250, Rehearsal, Production and Performance	
DRAM 251, Musical Comedy Rehearsal, Production and Performance	
DRAM 267, Experimental Theatre	
SPEE 101, Voice and Articulation .....	9

**Total units = 18**



**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Arts Studies- Dance**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (5 units)</b>	
DANC 181, Introduction to Dance.....	3
DANC 253, Choreography.....	2
<b>Select 5 units of activity courses</b>	
DANC 110, Ballet.....	0.5-1
DANC 120, American Street Dance .....	0.5-1
DANC 135, Jazz Dance .....	0.5-1
DANC 140, Modern Dance I .....	0.5-1
<b>Select a minimum of 8 units</b>	
DANC 111, Ethnic Dance Forms	
DANC 130, Dance Repertoire	
DANC 177, Dance Improvisation	
DANC 178, Advanced Contemporary Dance	
DANC 179, Advanced Classical Dance	
DANC 261, Dance Performance	
DANC 271, Dance Production.....	8
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Business Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (14 Units)</b>	
ACCT 116A, Financial Accounting .....	4
ACCT 116B, Managerial Accounting .....	4
ECON 120, Principles of Economics I .....	3
ECON 121, Principles of Economics II.....	3
<b>Select a minimum of 4 units</b>	
BUSE 100 Introduction to Business	
BUSE 119 Business Communications	
BUSE 140, Business Law and the Legal Environment	
CHIC 141A, United States History from a Chicano Perspective	
CHIC 141B, United States History from a Chicano Perspective	
CISC 181	
HIST 100, World History I	
HIST 101, World History II	
HIST 105, Introduction to Western Civilization I	
HIST 106, Introduction to Western Civilization II	
HIST 109, History of the United States I	
HIST 110, History of the United States	
HIST 115A, History of the Americas I	
HIST 115B, History of the Americas II	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian civilizations in Modern Times	
HOSP 101 Introduction to Hospitality & Tourism	
MATH 116, College and Matrix Algebra	
MATH 119, Elementary Statistics OR	
PSYC 258, Behavioral Science Statistics	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Applied Calculus II	
MATH 150, Calculus with Analytic Geometry I	
POLI 102, The American Political System	
PSYC 101, General Psychology	
SOCO 101, Principles of Sociology	
ANY FOREIGN LANGUAGES, INCLUDING	
AMSL .....	4
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Philosophy**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (6 units)</b>	
PHIL 102A, Introduction To Philosophy: Reality and Knowledge.....	3
PHIL 102B, Introduction To Philosophy: Values .....	3
<b>Select a minimum of 12 units</b>	
PHIL 104A, History Of Western Philosophy	
PHIL 104B, History of Western Philosophy	
PHIL 103, Historical Introduction To Philosophy	
PHIL 100, Logic and Critical Thinking	
PHIL 101, Symbolic Logic	
PHIL 105, Contemporary Philosophy	
PHIL 107, Reflections on Human Nature	
PHIL 110, Philosophy of Religion	
PHIL 111, Philosophy In Literature	
PHIL 112, Philosophy of Science	
PHIL 125, Philosophy of Science	
PHIL 126, Introduction to Philosophy of Contemporary Gender Issues	
PHIL 205, Critical Thinking and Writing in Philosophy	
HUMA 101, Introduction to the Humanities I	
HUMA 103, Introduction to the New Testament	
HUMA 104, Introduction to the Old Testament	
HUMA 201, Mythology .....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- English**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (6 units)</b>	
ENGL 215, English Literature I: 800-1799 .....	3
ENGL 216, English Literature II: 1800 – Present .....	3
<b>Select a minimum of 12 units</b>	
ENGL 208, Introduction to Literature	
ENGL 210, American Literature I	
ENGL 211, American Literature II	
ENGL 220, Masterpieces of World Literature I: 1500 BCE - 1600	
ENGL 221, Masterpieces of World Literature II: 1600 - Present	
ENGL 245, Writing Creative Nonfiction	
ENGL 247, Writing Seminar - Poetry	
ENGL 249, Introduction to Creative Writing .....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Spanish**

JOUR 202, Introduction to Mass Communication ..... 3  
**Total units = 18**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
SPAN 100, First/Second Course in Spanish (Accelerated) OR	
SPAN 101, First Course in Spanish AND	
SPAN 102, Second Course in Spanish.....	10
SPAN 201, Third Course in Spanish OR	
SPAN 215, Spanish for Spanish Speakers I .....	5
<b>Select a minimum of 3 units</b>	
SPAN 202, Fourth Course in Spanish	
SPAN 210, Conversation and Composition Spanish I	
SPAN 211, Conversation and Composition Spanish II	
SPAN 216, Spanish for Spanish Speakers II	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
LATI 101, First Course in Latin	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPA 102, Second Course in Japanese	
FREN 102, Second Course in French	
LATI 102, Second Course in Latin	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPA 201, Third Course in Japanese	
FREN 201, Third Course In French	
LATI 201, Third Course in Latin	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- French**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
FREN 101, First Course in French.....	5
FREN 102, Second Course in French .....	5
FREN 201, Third Course In French .....	5
<b>Select a minimum of 3 units</b>	
FREN 202, Fourth Course in French.....	5
FREN 210, The Grammar of Spoken French I.....	3
FREN 211, The Grammar of Spoken French II .....	3
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
SPAN 101, First Course in Spanish	
LATI 101, First Course in Latin	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPA 102, Second Course in Japanese	
SPAN 102, Second Course in Spanish	
LATI 102, Second Course in Latin	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPA 201, Third Course in Japanese	
SPAN 201, Third Course in Spanish	
LATI 201, Third Course in Latin	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- German**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
GERM 101, First Course in German .....	5
GERM 102, Second Course in German.....	5
GERM 201, Third Course in German.....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
SPAN 101, First Course in Spanish	
LATI 101, First Course in Latin	
FREN 101, First Course in French	
ITAL 101, First Course in Italian	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPA 102, Second Course in Japanese	
SPAN 102, Second Course in Spanish	
LATI 102, Second Course in Latin	
FREN 102, Second Course in French	
ITAL 102, Second Course in Italian	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPA 201, Third Course in Japanese	
SPAN 201, Third Course in Spanish	
LATI 201, Third Course in Latin	
FREN 201, Third Course In French	
ITAL 201, Third Course in Italian	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Chinese**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
CHIN 101, First Course in Mandarin Chinese .....	5
CHIN 102, Second Course in Mandarin Chinese.....	5
CHIN 201, Third Course in Mandarin Chinese.....	5
<b>Select a minimum of 3 units</b>	
GERM 101, First Course in German	
JAPN 101, First Course in Japanese	
SPAN 101, First Course in Spanish	
LATI 101, First Course in Latin	
FREN 101, First Course in French	
ITAL 101, First Course in Italian	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
GERM 102, Second Course in German	
JAPA 102, Second Course in Japanese	
SPAN 102, Second Course in Spanish	
LATI 102, Second Course in Latin	
FREN 102, Second Course in French	
ITAL 102, Second Course in Italian	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
GERM 201, Third Course in German	
JAPA 201, Third Course in Japanese	
SPAN 201, Third Course in Spanish	
LATI 201, Third Course in Latin	
FREN 201, Third Course In French	
ITAL 201, Third Course in Italian	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an Emphasis  
in Language Arts and Humanities Studies-  
Italian**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
ITAL 101, First Course in Italian .....	5
ITAL 102, Second Course in Italian.....	5
ITAL 201, Third Course in Italian.....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
LATI 101, First Course in Latin	
GERM 101, First Course in German	
SPAN 101, First Course in Spanish	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPN 102, Second Course in Japanese	
FREN 102, Second Course in French	
LATI 102, Second Course in Latin	
GERM 102, Second Course in German	
SPAN 102, Second Course in Spanish	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPN 201, Third Course in Japanese	
FREN 201, Third Course In French	
LATI 201, Third Course in Latin	
GERM 201, Third Course in German	
SPAN 201, Third Course in Spanish	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Japanese**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
JAPN 101, First Course in Japanese .....	5
JAPN 102, Second Course in Japanese .....	5
JAPN 201, Third Course in Japanese .....	5
<b>Select a minimum of 3 units</b>	
JAPN 202, Fourth Course in Japanese .....	5
CHIN 101, First Course in Mandarin Chinese	
ITAL 101, First Course in Italian	
FREN 101, First Course in French	
LATI 101, First Course in Latin	
GERM 101, First Course in German	
SPAN 101, First Course in Spanish	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
ITAL 102, Second Course in Italian	
FREN 102, Second Course in French	
LATI 102, Second Course in Latin	
GERM 102, Second Course in German	
SPAN 102, Second Course in Spanish	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
ITAL 201, Third Course in Italian	
FREN 201, Third Course In French	
LATI 201, Third Course in Latin	
GERM 201, Third Course in German	
SPAN 201, Third Course in Spanish	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Latin**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
LATI 101, First Course in Latin .....	5
LATI 102, Second Course in Latin.....	5
LATI 201, Third Course in Latin .....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
SPAN 101, First Course in Spanish	
RUSS 101, First Course in Russian	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPN 102, Second Course in Japanese	
FREN 102, Second Course in French	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
SPAN 102, Second Course in Spanish	
RUSS 102, Second Course in Russian	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPN 201, Third Course in Japanese	
FREN 201, Third Course In French	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
SPAN 201, Third Course in Spanish	
RUSS 201, Third Course in Russian	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Russian**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
RUSS 101, First Course in Russian.....	5
RUSS 102, Second Course in Russian .....	5
RUSS 201, Third Course in Russian .....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
SPAN 101, First Course in Spanish	
LATI 101, First Course in Latin	
TAGA 101, First Course in Tagalog	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPN 102, Second Course in Japanese	
FREN 102, Second Course in French	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
SPAN 102, Second Course in Spanish	
LATI 102, Second Course in Latin	
TAGA 102, Second Course in Tagalog	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPN 201, Third Course in Japanese	
FREN 201, Third Course In French	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
SPAN 201, Third Course in Spanish	
LATI 201, Third Course in Latin	
TAGA 201, Third Course in Tagalog	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Tagalog**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
TAGA 101, First Course in Tagalog .....	5
TAGA 102, Second Course in Tagalog .....	5
TAGA 201, Third Course in Tagalog .....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
SPAN 101, First Course in Spanish	
RUSS 101, First Course in Russian	
LATI 101, First Course in Latin	
VIET 101, First Course in Vietnamese	
CHIN 102, Second Course in Mandarin Chinese	
JAPN 102, Second Course in Japanese	
FREN 102, Second Course in French	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
SPAN 102, Second Course in Spanish	
RUSS 102, Second Course in Russian	
LATI 102, Second Course in Latin	
VIET 102, Second Course in Vietnamese	
CHIN 201, Third Course in Mandarin Chinese	
JAPN 201, Third Course in Japanese	
FREN 201, Third Course In French	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
SPAN 201, Third Course in Spanish	
RUSS 201, Third Course in Russian	
LATI 201, Third Course in Latin	
VIET 201, Third Course in Vietnamese	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 201, Advanced Newswriting and Reporting	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Vietnamese**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
VIET 101, First Course in Vietnamese .....	5
VIET 102, Second Course in Vietnamese .....	5
VIET 201, Third Course in Vietnamese.....	5
<b>Select a minimum of 3 units</b>	
CHIN 101, First Course in Mandarin Chinese	
JAPN 101, First Course in Japanese	
FREN 101, First Course in French	
GERM 101, First Course in German	
ITAL 101, First Course in Italian	
SPAN 101, First Course in Spanish	
LATI 101, First Course in Latin	
TAGA 101, First Course in Tagalog	
RUSS 101, First Course in Russian	
CHIN 102, Second Course in Mandarin Chinese	
JAPN 102, Second Course in Japanese	
FREN 102, Second Course in French	
GERM 102, Second Course in German	
ITAL 102, Second Course in Italian	
SPAN 102, Second Course in Spanish	
LATI 102, Second Course in Latin	
TAGA 102, Second Course in Tagalog	
RUSS 102, Second Course in Russian	
CHIN 201, Third Course in Mandarin Chinese	
JAPN 201, Third Course in Japanese	
FREN 201, Third Course In French	
GERM 201, Third Course in German	
ITAL 201, Third Course in Italian	
SPAN 201, Third Course in Spanish	
LATI 201, Third Course in Latin	
TAGA 201, Third Course in Tagalog	
RUSS 201, Third Course in Russian	
ENGL 202, Introduction to Linguistics	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800 - Present	
CHIC 135, Chicano Literature	
CHIC 138, Literature of La Raza in Latin America in Translation	
HIST 120, Introduction to Asian Civilizations	
HIST 121, Asian Civilizations in Modern Times	
SPEE 135, Interpersonal Communication	
SPEE 170, Small Group Communication	
JOUR 202, Introduction to Mass Communication .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Language Arts and  
Humanities Studies- Communications  
and Journalism**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core (6 units)</b>	
SPEE 160, Argumentation .....	3
JOUR 202, Introduction to Mass Communication .....	3
<b>Select a minimum of 12 units</b>	
ECON 120, Principles of Economics I	
JOUR 200, Introduction to Newswriting and Reporting	
POLI 101, Introduction to Political Science	
POLI 102, The American Political System	
SPEE 104, Advanced Public Communication .....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Mathematics and Pre-  
Engineering Studies- Mathematics**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (13 units)</b>	
MATH 150, Calculus with Analytic Geometry I.....	5
MATH 151, Calculus with Analytic Geometry II .....	4
MATH 252, Calculus with Analytic Geometry III .....	4
<b>Select a minimum of 5 units</b>	
MATH 119, Elementary Statistics	
MATH 254, Introduction to Linear Algebra	
MATH 255, Differential Equations	
MATH 245, Discrete Mathematics	
MATH 107, Introduction to Scientific Programming	
MATH 107L, Introduction to Scientific Programming Lab	
MATH 108, Intermediate Scientific Programming	
MATH 108L, Intermediate Scientific Programming Lab	
MATH 237, Machine and Assembly Language	
MATH 237L, Assembly Language Lab	
CISC 190, Java Programming	
CISC 192, C/C++ Programming .....	5
<b>Total units = 18</b>	



**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Mathematics and Pre-  
Engineering Studies- Computer  
Science**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (13 units)</b>	
MATH 150, Calculus with Analytic Geometry I.....	5
MATH 151, Calculus with Analytic Geometry II.....	4
MATH 252, Calculus with Analytic Geometry III .....	4
<b>Select a minimum of 5 units</b>	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics	
MATH 119, Elementary Statistics	
MATH 254, Introduction to Linear Algebra	
MATH 255, Differential Equations	
MATH 245, Discrete Mathematics	
MATH 107, Introduction to Scientific Programming	
MATH 107L, Introduction to Scientific Programming Lab	
MATH 108, Intermediate Scientific Programming	
MATH 108L, Intermediate Scientific Programming Lab	
MATH 237, Machine and Assembly Language	
MATH 237L, Assembly Language Lab	
CISC 190, Java Programming	
CISC 192, C/C++ Programming .....	5
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Mathematics and Pre-  
Engineering Studies- Engineering**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
MATH 150, Calculus with Analytic Geometry I.....	5
PHYS 195, Mechanics.....	5
CHEM 200, General Chemistry I Lecture .....	3
CHEM 200L, General Chemistry I Laboratory .....	2
<b>Select a minimum of 3 units</b>	
CHEM 201, General Chemistry II - Lecture	
CHEM 201L, General Chemistry II - Laboratory	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III	
MATH 245, Discrete Mathematics	
MATH 254, Introduction to Linear Algebra	
MATH 255, Differential Equations	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics	
ENGE 115, FORTRAN and Numerical Methods for Engineers & Scientists	
ENGE 200, Statics	
ENGE 210, Properties of Materials	
ENGE 240, Digital Systems	
ENGE 250, Dynamics	
ENGE 260, Electric Circuits	
CISC 190, Java Programming	
CISC 192, C/C++ Programming .....	3
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-  
Biological Sciences**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (8 units)</b>	
BIOL 210A, Introduction to the Biological Sciences I.....	4
BIOL 210B, Introduction to the Biological Sciences II .....	8
<b>Select a minimum of 10 units</b>	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
CHEM 231, Organic Chemistry I Lecture	
CHEM 231L, Organic Chemistry I Laboratory	
CHEM 233, Organic Chemistry II-Lecture	
CHEM 233L, Organic Chemistry II-Laboratory	
CHEM 251, Analytic Chemistry	
CISC 186, Visual Basic Programming	
CISC 189A, Introduction to Programming I	
CISC 189B, Introduction to Programming II	
CISC 190, Java Programming	
CISC 192, C/C++ Programming	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Applied Calculus II	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 119, Elementary Statistics	
BIOL 200, Biological Statistics	
PHYS 125, General Physics	
PHYS 126, General Physics II	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics .....	10
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-Physical  
Sciences-Chemistry**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (10 units)</b>	
CHEM 200, General Chemistry I Lecture .....	3
CHEM 200L, General Chemistry I Laboratory .....	2
CHEM 201, General Chemistry II Lecture.....	3
CHEM 201L, General Chemistry II Laboratory.....	2
<b>Select a minimum of 8 units</b>	
CHEM 231, Organic Chemistry I Lecture	
CHEM 231L, Organic Chemistry I Laboratory	
CHEM 233, Organic Chemistry II-Lecture	
CHEM 233L, Organic Chemistry II-Laboratory	
CHEM 251, Analytic Chemistry	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 119, Elementary Statistics	
MATH 245, Discrete Mathematics	
MATH 252, Calculus with Analytic Geometry III	
MATH 254, Introduction to Linear Algebra	
MATH 255, Differential Equations	
CISC 186, Visual Basic Programming	
CISC 189A, Introduction to Programming I	
CISC 189B, Introduction to Programming II	
CISC 190, Java Programming	
CISC 192, C/C++ Programming .....	8
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-Physical  
Sciences-Physics**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses (15 units)</b>	
PHYS 195, Mechanics.....	5
PHYS 196, Electricity and Magnetism.....	5
PHYS 197, Waves, Optics and Modern Physics .....	5
<b>Select a minimum of 3 units</b>	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory .....	3-5
<b>Total units = 18-20</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-Physical  
Sciences-Earth Sciences**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core courses</b>	
GEOG 101, Physical Geography AND	
GEOG 101L, Physical Geography Laboratory OR	
GEOL 100, General Geology AND	
GEOL 101, General Geology Laboratory OR	
GEOL 104, Earth Science .....	3-4
<b>Select a minimum of 15 units</b>	
ASTR 101, Descriptive Astronomy	
GISG 104, Geographic Information Science and Spatial Reasoning	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III .....	15
<b>Total units = 18-19</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-  
Physical Sciences-Pre-Nursing**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core (17 units)</b>	
BIOL 107, General Biology-Lecture and Laboratory ...4	
CHEM 100, Fundamentals of Chemistry .....	3
CHEM 100L, Fundamentals of Chemistry Laboratory .....	1
BIOL 230, Human Anatomy .....	4
BIOL 205, General Microbiology .....	5
<b>Select a minimum of 3 units</b>	
BIOL 235, Human Physiology	
CHEM 130, Introduction to Organic and Biological Chemistry	
CHEM 130L, Introduction to Organic and Biological Chemistry Laboratory	
SPEE 103, Oral Communication	
PSYC 101, General Psychology	
SOCO 101, Principles of Sociology .....	3
<b>Total units = 20</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-Physical  
Sciences-Kinesiology and Nutrition**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core (12 units)</b>	
BIOL 107, General Biology-Lecture and Laboratory... 4	
CHEM 100, Fundamentals of Chemistry AND	
CHEM 100L, Fundamentals of Chemistry Laboratory OR	
CHEM 152, Introduction to General Chemistry AND	
CHEM 152L, Introduction to General Chemistry Laboratory .....	4
BIOL 230, Human Anatomy .....	4
<b>Select a minimum of 6 units</b>	
ACCT 116A, Financial Accounting	
BIOL 205, General Microbiology	
BIOL 210A, Introduction to the Biological Sciences I	
CHEM 130, Introduction to Organic and Biological Chemistry	
CHEM 130L, Introduction to Organic and Biological Chemistry Laboratory	
CHEM 160, Introductory Biochemistry	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
PHYS 125, General Physics	
PHYS 126, General Physics II	
PHYE 166, Weight Training	
PHYE 241, Introduction to Exercise Science/Physical Education	
PHYE 242, Techniques in Athletic Training	
PSYC 101, General Psychology	
PSYC 258, Behavioral Science Statistics	
SOCO 101, Principles of Sociology .....	6
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Science Studies-Physical  
Sciences-Psychology**

Courses Required for the Major:	Units
<b>Core (6-13 units)</b>	
MATH 121, Basic Techniques of Applied Calculus I AND	
MATH 122, Basic Techniques of Applied Calculus II OR	
MATH 150, Calculus with Analytic Geometry I AND	
MATH 151, Calculus with Analytic Geometry II AND	
MATH 252, Calculus with Analytic Geometry III .....	6-13
<b>Select a minimum of 5 units (total of 18 units)</b>	
BIOL 107, General Biology-Lecture and Laboratory	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
CHEM 100, Fundamentals of Chemistry	
CHEM 100L, Fundamentals of Chemistry Laboratory	
CHEM 152, Introduction to General Chemistry	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics and Modern Physics	
CISC 182, Fluency with Information Technology	
CISC 190, Java Programming .....	5-11
*Certain transfer institutions may require the science based prep for major. See Science Studies.	
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences -Anthropology**

Courses Required for the Major:	Units
<b>Core: (6 Units)</b>	
ANTH 102, Introduction to Physical Anthropology.....	3
ANTH 103, Introduction to Cultural Anthropology .....	3
<b>Select a minimum of 12 units</b>	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
CBTE 140, Microsoft Excel	
CBTE 140A, Introduction to Microsoft Excel	
CBTE 151, Introduction to Microsoft Access	
CBTE 161, Learning the Internet	
CBTE 162, Web Page Creation	
LIBS 101, Information Literacy and Research Skills	
MATH 119, Elementary Statistics OR PSYC 258 Behavioral Science Statistics	
ANY FOREIGN LANGUAGE COURSE, INCLUDING AMSL .....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Child Development**

Courses Required for the Major:	Units
<b>Core: (12 Units)</b>	
CHIL 101, Human Growth and Development .....	3
CHIL 141, The Child, Family and Community .....	3
PSYC 101, General Psychology .....	3
SOCO101, Principles of Sociology .....	3
<b>Select a minimum of 6 units:</b>	
CHIL 151, Program Planning	
CHIL 160, Observing and Understanding Children	
CHIL 111, Curriculum: Music/Motor Skills	
CHIL 121, Curriculum: Art	
CHIL 131, Curriculum: Language/Science	
BIOL 107, General Biology-Lecture and Laboratory	
MATH 119, Elementary Statistics OR	
PSYC 258, Behavioral Science Statistics .....	6
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences -Economics**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (6 units)</b>	
ECON 120 Principles of Economics I.....	3
ECON 121 Principles of Economics II .....	3
<b>Select a minimum of 12 units</b>	
ACCT 116A Financial Accounting	
ACCT 116B Managerial Accounting	
CBTE 140 Microsoft Excel	
CBTE 140A Introduction to Microsoft Excel	
CBTE 151 Introduction to Microsoft Access	
CBTE 161 Learning the Internet	
CISC 181 Principles of Information Systems	
LIBS 101 Information Literacy and Research Skills	
MATH 119 Elementary Statistics OR	
PSYC 258 Behavioral Science Statistics	
MATH 121 Basic Techniques of Applied Calculus I	
MATH 122 Basic Techniques of Calculus II	
MATH 150 Calculus with Analytic Geometry I	
MATH 151 Calculus with Analytic Geometry II	
MATH 252 Calculus with Analytic Geometry III	
MATH 254 Introduction to Linear Algebra	
MATH 255 Differential Equations	
SPEE 160 Argumentation	
ANY FOREIGN LANGUAGE COURSES, INCLUDING AMSL.....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Human Development**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (14-15 Units)</b>	
<b>Select 7-8 units from the following:</b>	
BIOL 107, General Biology-Lecture and Laboratory	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
PSYC 260, Introduction to Physiological Psychology .....	7-8
CISC 182, Fluency with Information Technology OR	
CISC 190, Java Programming OR	
CISC 192, C/C++ Programming .....	4
MATH 119, Elementary Statistics OR	
PSYC 258, Behavioral Science Statistics .....	3
<b>Select a minimum 3-4 units to complete 18 units from:</b>	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Calculus II	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III	
PHIL 101, Symbolic Logic	
ANTH 103, Introduction to Cultural Anthropology	
BLAS 140B, History of the U.S., Black Perspectives	
CHIC 110B, Introduction to Chicano Studies	
CHIC 141B, United States History from a Chicano Perspective	
HIST 123, U.S. History from the Asian Pacific American Perspective	
SOCO 101, Principles of Sociology .....	3-4
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences -History**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: 6 Units Sequence from</b>	
HIST 100 World History I AND	
HIST 101 World History II OR	
HIST 105 Introduction to Western Civilization I AND	
HIST 106 Introduction to Western Civilization II OR	
HIST 109 History of the United States I AND	
HIST 110 History of the United States II OR	
HIST 115A History of the Americas I AND	
HIST 115B History of the Americas II OR	
HIST 120 Introduction to Asian Civilizations AND	
HIST 121 Asian Civilizations in Modern Times OR	
HIST 150 Native Americans in United States History AND	
HIST 151 Native Americans in United States History .....	6
<b>Select a minimum of 12 units</b>	
BLAS 140A History of the U.S., Black Perspectives	
BLAS 140B History Of The U.S., Black Perspectives	
CHIC 110B Introduction to Chicano Studies	
CHIC 141B United States History from a Chicano Perspective	
HIST 123 U.S. History from the Asian Pacific American Perspective .....	12
	<b>Total units = 18</b>

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Political Science**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (6 units)</b>	
POLI 102, The American Political System .....	3
POLI 103, Comparative Politics .....	3
<b>Select a minimum of 12 units</b>	
POLI 101, Introduction to Political Science	
POLI 140, Contemporary International Politics	
MATH 119, Elementary Statistics OR	
PSYC 258, Behavioral Science Statistics	
ANY FOREIGN LANGUAGE COURSES, INCLUDING AMSL .....	12
	<b>Total units = 18</b>

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Psychology\***

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (6 units)</b>	
PSYC 101, General Psychology .....	3
PSYC 258, Behavioral Science Statistics .....	3
<b>Select a minimum of 12 units</b>	
PSYC 211, Learning	
PSYC 230, Psychology of Lifespan Development	
PSYC 260, Introduction to Physiological Psychology	
BIOL 107, General Biology-Lecture and Laboratory OR	
BIOL 210A, Introduction to the Biological Sciences I	
ANY FOREIGN LANGUAGE COURSES, INCLUDING AMSL .....	12
*Certain transfer institutions may require the science based prep for major. See Science Studies.	
	<b>Total units = 18</b>

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Social Sciences**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (3 units)</b>	
BIOL 200 Biological Statistics OR	
MATH 119 Elementary Statistics OR	
PSYC 258 Behavioral Science Statistics.....	3
<b>Select a minimum of 15 units</b>	
ANTH 102 Introduction to Physical Anthropology	
ANTH 103 Introduction to Cultural Anthropology	
CHIC 141A United States History from a Chicano Perspective	
CHIC 141B United States History from a Chicano Perspective	
ECON 120 Principles of Economics I	
ECON 121 Principles of Economics II	
GEOG 101 Physical Geography	
GEOG 102 Cultural Geography	
HIST 105 Introduction to Western Civilization I	
HIST 106 Introduction to Western Civilization II	
HIST 109 History of the United States I	
HIST 110 History of the United States II	
HIST 115A History of the Americas I	
HIST 115B History of the Americas II	
POLI 101 Introduction to Political Science	
POLI 102 The American Political System	
POLI 103 Comparative Politics	
SOCO 101 Principles of Sociology	
SOCO 110 Contemporary Social Problems .....	15
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences -Sociology**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (6 units)</b>	
SOCO 101, Principles of Sociology .....	3
MATH 119, Elementary Statistics OR	
PSYC 258, Behavioral Science Statistics .....	3
<b>Select a minimum of 12 units</b>	
CISC 181, Principles of Information Systems	
CBTE 140, Microsoft Excel	
CBTE 140A, Introduction to Microsoft Excel	
CBTE 151, Introduction to Microsoft Access	
CBTE 161, Learning the Internet	
CBTE 162, Web Page Creation	
PSYC 255, Introduction to Psychological Research	
SOCO 110, Contemporary Social Problems	
SOCO 201, Advanced Principles of Sociology	
ANY FOREIGN LANGUAGE COURSES, INCLUDING AMSL .....	12
<b>Total units = 18</b>	

**Associate in Arts Degree:  
Liberal Arts and Sciences with an  
Emphasis in Social and Behavioral  
Sciences –Women’s Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Core: (6 units)</b>	
PSYC 133, Psychology of Women OR	
PHIL 126, Introduction to Philosophy of Contemporary Gender Issues .....	3
PHIL 125, Philosophy of Women .....	3
<b>Select a minimum of 12 units</b>	
PSYC 133, Psychology of Women OR	
PHIL 126, Introduction to Philosophy of Contemporary Gender Issues (if not taken in core)	
ANY FOREIGN LANGUAGE COURSES, INCLUDING AMSL .....	12
<b>Total units = 18</b>	

ACTION

Adoption of a Program Revision at Mesa College.

Proposed Program Revision at Mesa College:

Converting from a Non-Complaint Degree to a Compliant Degree

**Associate in Arts Degree:  
Liberal Studies  
Elementary Education Preparation**

<b>Courses Required for the Major:</b>	<b>Units</b>
GEOL 104, Earth Science .....	3
MATH 210B, Concepts of Elem Math 2 .....	3
MATH 212, Childrens Mathematical Thinking .....	1
MUSI 110, Music for Elem School Teachers .....	3
HIST 100, World History .....	3
GEOG 104, World Regional Geography .....	3
EDUC 200, Teaching as a Profession .....	2
EDUC 203, Service Learning for Prospective for Teachers .....	1
PHYE 240, P.E. in Elementary Schools .....	3
<b>Select one course from the following:</b>	
SPEE 103, OR	
BLAS 106 Oral Communication .....	3
<b>Select one course from the following:</b>	
ENGL 205, Critical Thinking, OR	
PHIL 100, Logic and Critical Thinking, OR	
PHIL 103, Hist Intro to Philosophy, OR	
PHIL 205, Critical Thinking, OR	
SPEE 160 Argumentation .....	3
<b>Select one course from the following:</b>	
ENGL 220, Masterpieces of World Lit I OR	
ENGL 221, Masterpieces of World Lit II OR	
ENGL 208, Intro to World Literature .....	3
<b>Select one course from the following:</b>	
BLAS 140A, History of the U.S., Black Perspective OR	
CHIC 141A, U.S. History, Chicano Perspective OR	
HIST 109, History of the U.S I .....	3
<b>Select one course from the following:</b>	
BLAS 140B, History of the U.S. Black Perspective OR	
CHIC 141B, U.S. History, Chicano Perspective OR	
HIST 110, History of the U.S. II OR	
POLI 102, American Political System .....	3
<b>Select one course from the following:</b>	
CHIL 101, Human Growth and Development OR	
PSYC 101, General Psychology AND	
PSYC 230, Psych lifespan Development .....	3-6
<b>Total Units = 40-43</b>	



## Network Security Specialist

Pursuant to Section 78016 of the Education Code, the following is a program review summary:

### Network Security Specialist Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Network Security Specialist program area is 24,200 in San Diego County in the 2004 Employment year. Approximately 14,300 new job openings are projected through 2014.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program Area OR the projected enrollment 225 students for the 2008-2009 year in a New Program area.

1. Information was obtained from California Labor Market Info at [www.ca.gov](http://www.ca.gov)
2. Information was obtained from the following school websites: [www.grossmont.edu](http://www.grossmont.edu); [www.swccd.edu](http://www.swccd.edu); [www.cuyamaca.edu](http://www.cuyamaca.edu); [www.sdccd.edu](http://www.sdccd.edu); [www.mircosta.edu](http://www.mircosta.edu); [www.imperial.edu](http://www.imperial.edu)
3. Information was obtained from CE Business Information Technology Program.

### ACTION

Adoption of a new Certificate of Completion at Continuing Education.

Proposed Certificate of Completion at Continuing Education:

### **Certificate of Completion: Network Security Specialist Certificate Program**

#### **Courses Required for the Major:**

COMP 600, Introduction to Networking  
COMP 601, Intro to Router Configuration  
COMP 602, Local Area Network Design  
COMP 603, Wide Area Network Design  
COMP 606, Intro to Network Security 1  
COMP 607, Intro to Network Security 2

## Network Support Specialist

Pursuant to Section 78016 of the Education Code, the following is a program review summary:  
Network Support Specialist Program

- A. Labor Market Information<sup>1</sup>: The annual average number of persons employed in the Network Security Specialist program area is 29,600 in San Diego County in the 2004 Employment year. Approximately 12,400 new job openings are projected through 2014.
- B. Duplication<sup>2</sup>: None.
- C. Effectiveness<sup>3</sup>: Program Area OR the projected enrollment 200 students for the 2008-2009 year in a New Program area.
  - 1. Information was obtained from California Labor Market Info at [www.ca.gov](http://www.ca.gov)
  - 2. Information was obtained from the following school websites: [www.grossmont.edu](http://www.grossmont.edu); [www.swccd.edu](http://www.swccd.edu); [www.cuyamaca.edu](http://www.cuyamaca.edu); [www.sdccd.edu](http://www.sdccd.edu); [www.mircosta.edu](http://www.mircosta.edu); [www.imperial.edu](http://www.imperial.edu)
  - 3. Information was obtained from CE Business Information Technology Program.

### ACTION

Adoption of a new Certificate of Completion at Continuing Education.

Proposed Certificate of Completion at Continuing Education:

### **Certificate of Completion: Network Support Specialist Certificate Program**

#### **Courses Required for the Major:**

COMP 600, Introduction to Networking  
COMP 601, Intro to Router Configuration  
COMP 602, Local Area Network Design  
COMP 603, Wide Area Network Design  
COMP 604, Intro to Wireless LANs  
COMP 605, Intro to Network Operating Sys

Transfer Studies

ACTION

Adoption of a Revised Program at Miramar College.

Proposed Revised Program at Miramar College:

Converting from a Non-Complaint Degree to a Compliant Degree

**Associate in Arts Degree:  
Art/Visual Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
ARTF 110, Art History: Prehistoric to Gothic .....	3
ARTF 111, Art History: Renaissance to Modern.....	3
<b>Select at least 12 units, including at least two ARTF courses or one ARTF course and one ARTG course, from the following:</b>	
ARTF 100, Art Orientation	
ARTF 107, Contemporary Art	
ARTF 109, Nineteenth and Twentieth Century Art	
ARTF 113, African, Oceanic, and Native American Art	
ARTF 125, History of Far Eastern Art	
ARTF 150A, Design I	
ARTF 150B, Beginning Graphic Design	
ARTF 151, Three-Dimensional Design	
ARTF 155A, Freehand Drawing I	
ARTF 155B, Freehand Drawing II	
ARTF 165A, Composition in Painting I	
ARTF 170A, Contemporary Crafts I	
ARTF 170B, Contemporary Crafts II	
ARTF 195A, Ceramics I	
ARTF 198A, Introduction to Printmaking I	
ARTF 210A, Life Drawing I	
ARTF 210B, Life Drawing II	
ARTG 125, Fundamentals of Digital Media	
ENGL 209, Literary Approaches to Film	
GEOG 102, Cultural Geography	
SOCO 101, Principles of Sociology.....	12
<b>Total Units = 18</b>	

**Associate in Science Degree:  
Biology Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
BIOL 210A, Introduction to the Biological Sciences I.....	4
<b>Select 4 to 9 units from the following:</b>	
BIOL 210B, Introduction to the Biological Sciences II	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory .....	4-9
<b>Select 5 to 10 or more units from the following:</b>	
ACCT 116A, Financial Accounting	
ACCT 116B, Managerial Accounting	
BIOL 115, Marine Biology	
BIOL 205, General Microbiology	
BIOL 215, Introduction to Zoology	
BIOL 230, Human Anatomy	
BIOL 235, Human Physiology	
BIOL 250, Introduction to Botany	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
CISC 190, Java Programming	
CISC 192, C/C++ Programming	
MATH 104, Trigonometry	
MATH 116, College and Matrix Algebra	
MATH 119, Elementary Statistics	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Applied Calculus II	
MATH 141, Precalculus	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
PHYS 125, General Physics	
PHYS 126, General Physics II	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics, and Modern Physics	
PSYC 101, General Psychology	
PSYC 258, Behavioral Science Statistics	
SOCO 101, Principles of Sociology .....	5-10
<b>Total Units = 18</b>	

**Associate in Arts Degree:  
Chemistry Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHEM 200, General Chemistry I Lecture .....	3
CHEM 200L, General Chemistry I Laboratory .....	2
CHEM 201, General Chemistry II Lecture .....	3
CHEM 201L, General Chemistry II Laboratory .....	2
<b>Select at least 8 units from the following:</b>	
ASTR 101, Descriptive Astronomy	
CISC 192, C/C++ Programming	
GEOL 104, Earth Science	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics, and Modern Physics	
CHEM 231, Organic Chemistry I-Lecture	
CHEM 231L, Organic Chemistry I-Laboratory	
CHEM 233, Organic Chemistry II-Lecture	
CHEM 233L, Organic Chemistry II-Laboratory	
CHEM 251, Analytic Chemistry .....	8
<b>Total Units = 18</b>	

**Associate in Arts Degree:  
Communication Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
<b>Select 6 to 15 units from the following communications core courses:</b>	
JOUR 202, Introduction to Mass Communication	
SPEE 103, Oral Communication	
SPEE 135, Interpersonal Communication	
SPEE 160, Argumentation	
SPEE 180, Intercultural Communication.....	6-15
<b>Select 3 to 12 or more units from the following:</b>	
ANTH 103, Introduction to Cultural Anthropology	
ARTF 109, Nineteenth and Twentieth Century Art	
ARTF 111, Art History: Renaissance to Modern	
ARTF 150B, Beginning Graphic Design	
CBTE 162, Web Page Creation	
CISC 181, Principles of Information Systems	
CISC 192, C/C++ Programming	
DFLM 101, Introduction to Film	
ECON 120, Principles of Economics I	
ECON 121, Principles of Economics II	
ENGL 105, Composition and Literature	
ENGL 205, Critical Thinking and Intermediate Composition	
ENGL 209, Literary Approaches to Film	
ENGL 237, Women in Literature	
ENGL 249, Introduction to Creative Writing	
HIST 110, History of the United States II	
JOUR 210A, Journalism Workshop I	
JOUR 210B, Journalism Workshop II	
JOUR 210C, Journalism Workshop III	
JOUR 210D, Journalism Workshop IV	
MATH 119, Elementary Statistics	
MUSI 109, World Music	
PHIL 101, Symbolic Logic	
POLI 101, Introduction to Political Science	
POLI 102, The American Political System	
PSYC 101, General Psychology	
PSYC 258, Behavioral Science Statistics	
SOCO 101, Principles of Sociology	
SPEE 101, Voice and Articulation .....	3-12
<b>Total Units = 18</b>	

**Associate in Science Degree:  
Earth Science Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHEM 200, General Chemistry I Lecture.....	3
CHEM 200L, General Chemistry I Laboratory.....	2
PHYS 125, General Physics OR	
PHYS 195, Mechanics .....	5
<b>Select at least 8 units from the following:</b>	
ASTR 101, Descriptive Astronomy	
ASTR 111, Astronomy Laboratory	
BIOL 107, General Biology-Lecture and Laboratory	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
BIOL 215, Introduction to Zoology	
BIOL 250, Introduction to Botany	
CHEM 201, General Chemistry II Lecture	
CHEM 201L, General Chemistry II Laboratory	
CHEM 231, Organic Chemistry I Lecture	
CHEM 231L, Organic Chemistry I Laboratory	
CISC 186, Visual Basic Programming	
CISC 189A, Introduction to Programming I	
CISC 189B, Introduction to Programming II	
CISC 190, Java Programming	
ECON 121, Principles of Economics II	
GEOG 101, Physical Geography	
GEOG 101L, Physical Geography Laboratory	
GEOG 102, Cultural Geography	
GEOL 100, General Geology	
GEOL 101, General Geology Laboratory	
GEOL 104, Earth Science	
MATH 116, College and Matrix Algebra	
MATH 119, Elementary Statistics	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Applied Calculus II	
MATH 141, Precalculus	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
PHYN 100, Survey of Physical Science	
PHYN 101, Survey of Physical Science Laboratory	
PHYN 120, Physical Oceanography	
PHYS 126, General Physics II	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics, and Modern Physics	
PSYC 258, Behavioral Science Statistics	
SPEE 103, Oral Communication.....	8
<b>Total Units =</b>	<b>18</b>

**Associate in Arts Degree:  
Elementary Education**

**Courses Required for the Major: Units**

MATH 210A, Concepts of Elementary School  
Mathematics I .....3

**Complete at least one course from the following:**

CHIL 101, Human Growth and Development  
EDUC 200, Teaching as a Profession  
EDUC 203, Service Learning for Prospective Teachers  
PHYE 240, Physical Education in the Elementary  
Schools  
MATH 210B, Concepts of Elementary School  
Mathematics II  
MATH 212, Children’s Mathematical Thinking .....1-13

**Complete at least one course and the remainder of  
units needed to meet the minimum of 18 from the  
following:**

ANTH 103, Introduction to Physical Anthropology  
ARAB 101, First Course in Arabic  
ARAB 102, Second Course in Arabic  
ARTF 100, Art Orientation  
ARTF 110, Art History  
ARTF 111, Art History  
ARTF 155A, Freehand Drawing I  
ASTR 101, Descriptive Astronomy  
ASTR 111, Astronomy Laboratory  
BIOL 107, General Biology-Lecture and Laboratory  
BIOL 230, Human Anatomy  
BIOL 235, Human Physiology  
BLAS 140A, History of the U.S., Black Perspectives  
BLAS 140B, History of the U.S., Black Perspectives  
CHIL 141, The Child, Family and Community  
ENGL 101, Reading and Composition  
ENGL 105, Composition and Literature  
ENGL 205, Critical Thinking and Intermediate  
Composition  
ENGL 208, Introduction to Literature  
ENGL 209, Literary Approaches to Film  
ENGL 210, American Literature I  
ENGL 211, American Literature II  
ENGL 215, English Literature I: 800-1799  
ENGL 216, English Literature II: 1800-Present  
ENGL 220, Masterpieces of World Literature I: 1500  
BCE-1600 CE  
ENGL 221, Masterpieces of World Literature II: 1600-  
Present  
ENGL 230, Asian American Literature  
ENGL 237, Women in Literature  
ENGL 249, Introduction to Creative Writing  
GEOG 102, Cultural Geography  
GEOG 104, World Regional Geography  
GEOL 100, General Geology  
GEOL 101, General Geology Laboratory  
GEOL 104, Earth Science  
HEAL 190, Health Education for Teachers

HIST 100, World History I  
HIST 101, World History II  
HIST 109, History of the United States I  
HIST 110, History of the United States II  
HIST 141, Women in United States History I  
HIST 142, Women in United States History II  
HIST 150, Native Americans in United States History  
HIST 151, Native Americans in United States History  
HUMA 101, Introduction to the Humanities  
HUMA 102, Introduction to the Humanities II  
JOUR 202, Introduction to Mass Communication  
LIBS 101, Information Literacy and Research Skills  
MATH 150, Calculus with Analytical Geometry I  
MUSI 100, Introduction to Music  
MUSI 110, Music for Elementary School Teachers  
PHIL 100, Logic and Critical Thinking  
PHIL 102A, Introduction to Philosophy: Reality and  
Knowledge  
PHIL 102B, Introduction to Philosophy: Values  
PHIL 205, Critical Thinking and Writing in Philosophy  
PHYN 100, Survey of Physical Science  
PHYN 101, Survey of Physical Science Laboratory  
PHYN 120, Physical Oceanography  
POLI 102, The American Political System  
POLI 103, Comparative Politics  
PSYC 101, General Psychology  
PSYC 230, Psychology of Lifespan Development  
SOCO 101, Principles of Sociology  
SPAN 101, First Course in Spanish  
SPAN 102, Second Course in Spanish  
SPAN 201, Third Course in Spanish  
SPAN 202, Fourth Course in Spanish  
SPAN 215, Spanish for Spanish Speakers I  
SPAN 216, Spanish for Spanish Speakers II  
SPEE 103, Oral Communication  
SPEE 135, Interpersonal Communication  
SPEE 160, Argumentation  
TAGA 101, First Course in Tagalog  
TAGA 102, Second Course in Tagalog  
TAGA 201, Third Course in Tagalog .....2-14

**Total Units = 18**

**Associate in Arts Degree:  
English/Literature Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
ENGL 101, Reading and Composition <b>or</b>	
ENGL 105, Composition and Literature .....	3
ENGL 205, Critical Thinking and Intermediate Composition .....	3
<b>Select at least 12 units, including at least two ENGL courses, from the following:</b>	
BLAS 140A, History of the U.S., Black Perspectives	
CHIL 101, Human Growth and Development	
ENGL 208, Introduction to Literature	
ENGL 210, American Literature I	
ENGL 211, American Literature II	
ENGL 215, English Literature I: 800-1799	
ENGL 216, English Literature II: 1800-Present	
ENGL 220, Masterpieces of World Literature I: 1500 BCE-1600 CE	
ENGL 221, Masterpieces of World Literature II: 1600- Present	
ENGL 230, Asian American Literature	
ENGL 237, Women in Literature	
ENGL 249, Introduction to Creative Writing	
HIST 109, History of the United States I	
HIST 141, Women in the United States History I	
HUMA 201, Mythology	
JOUR 202, Introduction to Mass Communication	
POLI 102, The American Political System	
PSYC 101, General Psychology	
SPEE 103, Oral Communication.....	12
<b>Total Units =</b>	<b>18</b>

**Associate in Science Degree:  
Health and Physical Education  
Studies**

**Courses Required for the Major: Units**

**Select at least two courses from the following:**

- HEAL 101, Health and Lifestyle
- HEAL 131, First Aid
- NUTR 150, Nutrition
- NUTR 170, Nutrition and Fitness
- PHYE 164, Water Safety Instructor
- PHYE 241, Introduction to Exercise Science/Physical Education
- PHYE 242, Care and Prevention of Injuries .....4-19

**Select at least one course from the following:**

- BIOL 107, General Biology-Lecture and Laboratory or
- BIOL 210A, Introduction to the Biological Sciences I
- BIOL 230, Human Anatomy
- BIOL 235, Human Physiology .....4-12

**Select at least one course and the remainder of units needed to meet the minimum of 18 from the following:**

- BIOL 130, Human Heredity
- BIOL 135, Biology of Human Nutrition
- BIOL 160, Elements of Human Anatomy and Physiology
- BIOL 205, General Microbiology
- BIOL 210B, Introduction to the Biological Sciences II
- CHEM 100, Fundamentals of Chemistry
- CHEM 100L, Fundamentals of Chemistry Laboratory
- CHEM 130, Introduction to Organic and Biological Chemistry
- CHEM 130L, Introduction to Organic and Biological Chemistry Laboratory
- CHEM 200, General Chemistry I Lecture
- CHEM 200L, General Chemistry I Laboratory
- CHEM 201, General Chemistry II Lecture
- CHEM 201L, General Chemistry II Laboratory
- HEAL 101, Health and Lifestyle
- HEAL 131, First Aid
- MATH 116, College and Matrix Algebra
- MATH 119, Elementary Statistics
- MATH 121, Basic Techniques of Applied Calculus I
- MATH 141, Precalculus
- MATH 150, Calculus with Analytic Geometry I
- PHYE 103, Aerobic Dance
- PHYE 106, Aquatic Fitness
- PHYE 112, Basketball
- PHYE 115, Bowling
- PHYE 120, Fencing
- PHYE 123, Fitness Activities
- PHYE 126, Golf
- PHYE 132, Individual Conditioning
- PHYE 135, Jazz Dance
- PHYE 139, Lifeguard Training-Advanced Swimming
- PHYE 140, Modern Dance

- PHYE 141, Over-the-Line
  - PHYE 149, Soccer
  - PHYE 151, Softball
  - PHYE 154, Fitness Walking
  - PHYE 155, Swimming
  - PHYE 156, Water Exercise
  - PHYE 159, Tennis
  - PHYE 161, Volleyball
  - PHYE 163, Water Polo
  - PHYE 166, Weight Training
  - PHYE 204, Intercollegiate Basketball I
  - PHYE 205, Intercollegiate Basketball II
  - PHYE 214, Intercollegiate Soccer I
  - PHYE 215, Intercollegiate Soccer II
  - PHYE 216, Intercollegiate Softball I
  - PHYE 218, Intercollegiate Swimming
  - PHYE 219, Intercollegiate Swimming II
  - PHYE 220, Intercollegiate Tennis I
  - PHYE 221, Intercollegiate Tennis II
  - PHYE 224, Intercollegiate Volleyball I
  - PHYE 225, Intercollegiate Volleyball II
  - PHYE 226, Intercollegiate Water Polo I
  - PHYE 227, Intercollegiate Water Polo II
  - PHYE 232, Martial Arts
  - PHYE 233, Kickboxing
  - PHYE 240, Physical Education in the Elementary Schools
  - PHYS 125, General Physics
  - PSYC 101, General Psychology
  - PSYC 258, Behavioral Science Statistics
  - PSYC 260, Introduction to Physiological Psychology
  - SOCO 101, Principles of Sociology .....0.5-10
- Total Units = 18**



**Associate in Arts Degree:  
Human Development Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
CHIL 101, Human Growth and Development	
PSYC 101, General Psychology.....	6
<b>Select at least 12 units from the following:</b>	
ANTH 103, Introduction to Cultural Anthropology	
BIOL 107, General Biology-Lecture and Laboratory	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
BIOL 230, Human Anatomy	
BIOL 235, Human Physiology	
BLAS 140A, History of the U.S., Black Perspectives	
BLAS 140B, History of the U.S., Black Perspectives	
CHIL 103, Lifespan Growth and Development	
CHIL 111, Curriculum: Music/Motor Skills	
CHIL 121, Curriculum: Art	
CHIL 131, Curriculum: Language/Science	
CHIL 141, The Child, Family and Community	
CHIL 151, Program Planning	
CHIL 160, Observing and Understanding Children	
CHIL 162, Observing and Guiding Child Behavior	
CHIL 175, Infant-Toddler Growth and Development	
CHIL 176, Principles of Infant/Toddler Caregiving	
CHIL 180, Nutrition, Health and Safety for Children	
CISC 190, Java Programming	
CISC 192, C/C++ Programming	
MATH 119, Elementary Statistics	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 150, Calculus with Analytic Geometry I	
MATH 210A, Concepts of Elementary School Mathematics I	
NUTR 150, Nutrition	
PHIL 101, Symbolic Logic	
PSYC 135, Marriage and Family Relations	
PSYC 258, Behavioral Science Statistics	
PSYC 260, Introduction to Physiological Psychology	
SOCO 101, Principles of Sociology.....	12
<b>Total Units = 18</b>	

**Associate in Arts Degree:  
Humanities Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
PHIL 205, Critical Thinking and Writing in Philosophy..	3
<b>Select at least 15 units from the following:</b>	
ANTH 103, Introduction to Cultural Anthropology	
ARTF 113, African, Oceanic, and Native American Art	
ARTF 125, History of Art: Far Eastern Art	
BLAS 140A, History of the U.S., Black Perspectives	
BLAS 140B, History of the U.S., Black Perspectives	
ENGL 208, Introduction to Literature	
ENGL 210, American Literature I	
ENGL 211, American Literature II	
ENGL 220, Masterpieces of World Literature I: 1500-1600 CE	
ENGL 221, Masterpieces of World Literature II: 1600-Present	
HIST 100, World History I	
HIST 101, World History II	
HIST 105, Introduction to Western Civilization	
HIST 109, History of the United States I	
HIST 110, History of the United States II	
HIST 141, Women in the United States History I	
HIST 142, Women in the United States History II	
HUMA 101, Introduction to the Humanities	
HUMA 102, Introduction to the Humanities II	
HUMA 201, Mythology	
MUSI 100, Introduction to Music	
MUSI 109, World Music	
PHIL 100, Logic and Critical Thinking	
PHIL 101, Symbolic Logic	
PHIL 102A, Introduction to Philosophy: Reality and Knowledge	
PHIL 102B, Introduction to Philosophy: Values	
POLI 102, The American Political System.....	15
<b>Total Units = 18</b>	

**Associate in Arts Degree:  
Mathematics Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
MATH 150, Calculus with Analytic Geometry I.....	5
MATH 151, Calculus with Analytic Geometry II.....	4
MATH 252, Calculus with Analytic Geometry III .....	4
<b>Select at least 5 units from the following:</b>	
ACCT 116A, Financial Accounting	
ACCT 116B, Managerial Accounting	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
CHEM 200, General Chemistry I Lecture	
CHEM 200L, General Chemistry I Laboratory	
CISC 181, Principles of Information Systems	
CISC 186, Visual Basic Programming	
CISC 189A, Introduction to Programming I	
CISC 189B, Introduction to Programming II	
CISC 190, Java Programming	
CISC 192, C/C++ Programming	
CISC 205, Object Oriented Programming Using C++	
CISC 210, System Analysis and Design	
ECON 120, Principles of Economics I	
ECON 121, Principles of Economics II	
GEOL 100, General Geology	
GEOL 101, General Geology Laboratory	
MATH 119, Elementary Statistics	
MATH 245, Discrete Mathematics	
MATH 254, Introduction to Linear Algebra	
MATH 255, Differential Equations	
PHIL 100, Logic and Critical Thinking	
PHIL 101, Symbolic Logic	
PHYN 100, Survey of Physical Science	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics, and Modern Physics	
PSYC 101, General Psychology	
PSYC 258, Behavioral Science Statistics	
SOCO 101, Principles of Sociology.....	5
<b>Total Units = 18</b>	

**Associate in Arts Degree:  
Music Studies**

<b>Courses Required for the Major:</b>	<b>Units</b>
MUSI 100, Introduction to Music .....	3
<b>Select at least 15 units, including at least two MUSI courses, from the following:</b>	
BUSE 140, Business Law and the Legal Environment	
ENGL 105, Composition and Literature	
ENGL 205, Critical Thinking and Intermediate Composition	
MUSI 108, The Business of Music	
MUSI 109, World Music	
MUSI 110, Music for Elementary School Teachers	
MUSI 111, Jazz-History and Development	
MUSI 120, Beginning Voice Class	
MUSI 150A, Basic Musicianship	
MUSI 158A, Music Theory I	
MUSI 190, The Electronic Music Studio	
MUSI 201, Recording Arts	
MUSI 202, Computer Music	
MUSI 252, Concert Jazz Band	
MUSI 268A, Beginning Ear Training Laboratory I	
PSYC 101, General Psychology .....	15
<b>Total Units = 18</b>	

**Associate in Science Degree:  
Occupational/Technical Studies**

**Courses Required for the Major: Units**

**Select at least one course from the following occupational courses:**

- ACCT 120, Federal Income Tax
- ACCT 150, Computer Accounting Applications
- ADJU 101, Introduction to Administration of Justice
- ADJU 101A, Introduction to Administration of Justice I
- ADJU 101B, Introduction to Administration of Justice II
- ADJU 101C, Introduction to Administration of Justice III
- ADJU 102, Criminal Law I
- ADJU 106, Diversity and Community Relations
- ADJU 140, Patrol Procedures
- ADJU 160, Criminal Law II
- ADJU 161, Juvenile Procedures
- ADJU 162, Criminal Investigation
- ADJU 167, Report Writing
- ADJU 201, California Criminal Procedure
- ADJU 210, Rules of Evidence
- BANK 102, Mortgage Brokerage and Banking
- BANK 104, Principles of Loan Processing
- BANK 106, Loan Underwriting
- BANK 108, Principles of Loan Closing
- BUSE 101, Business Mathematics
- BUSE 102, Introduction to Customer Service
- BUSE 150, Human Relations in Business
- HEAL 131, First Aid
- LEGL 100A, Introduction to Paralegalism
- LEGL 100B, Legal Procedures
- LEGL 105, Legal Research
- LEGL 110, Legal Writing and Communications
- LEGL 115, Civil Litigation I
- LEGL 120, Civil Litigation II-Torts
- LEGL 180, Contract Law
- MILS 101, Introduction to Military Science
- MILS 110, Leadership Theory and Practice
- MILS 120, Military Justice, Ethics, and the Law of Armed Conflict
- MILS 200, Applied Military Leadership
- PERG 130, Career-Life Planning
- PHYE 139, Lifeguard Training-Advanced Swimming
- PHYE 164, Water Safety Instructor
- REAL 101, Real Estate Principles
- REAL 105, Legal Aspects of Real Estate I
- REAL 110, Principles of Real Estate Appraisal I
- REAL 115, Real Estate Finance I
- REAL 120, Real Estate Practice
- REAL 125, Real Estate Economics
- REAL 130, Real Property Management
- REAL 140, Real Estate Appraisal II .....1-17

**Select at least one course and the remainder of units needed to meet the minimum of 18 from the following technical courses:**

- AVIA 101, Private Pilot Ground School
- AVIA 105, Introduction to Aviation and Aerospace
- AVIA 125, Aviation and Airport Management
- AVIA 128, Group Dynamics, Teams Under Stress
- AVIA 133, Human Factors in Aviation
- AVIA 151, Helicopter Pilot Ground School
- AVIA 228, Group Dynamics II
- AVIM 101G, General Aviation Technology Theory I
- AVIM 101H, General Aviation Technology Theory II
- AVIM 102G, General Aviation Maintenance Technology Practices I
- AVIM 102H, General Aviation Maintenance Technology Practices II
- AVIM 103B, Aircraft Welding and Sheetmetal Structures
- AVIM 103D, Aircraft Landing Gear Systems
- AVIM 104B, Applied Aircraft Welding and Sheetmetal Structures
- AVIM 104D, Applied Aircraft Landing Gear Systems
- AVIM 105A, Aircraft Cabin Atmosphere Control
- AVIM 106A, Aircraft Cabin Atmosphere Control
- AVIM 109A, Airframe Electrical Systems
- AVIM 109B, Powerplant Ignition Systems
- AVIM 110, Airframe Electrical Systems Laboratory
- AVIM 107B, Turbine Engines
- AVIM 108B, Turbine Engines Laboratory
- AVIM 109D, Aircraft Fire Protection and Digital Logic
- AVIM 111C, Reciprocating Engines I
- AVIM 111D, Reciprocating Engines II
- AVIM 112C, Applied Reciprocating Engines I
- AVIM 112D, Applied Reciprocating Engines II
- AVIM 120, Basic D.C. Electronics Theory
- AVIM 121A, Applied Basic D.C. Electronics
- AVIM 249, Induction and Fuel Metering
- BIOL 131, Introduction to Biotechnology
- BIOL 132, Applied Biotechnology I
- BIOL 133, Applied Biotechnology II
- BIOL 134, Introduction to the Biotechnology Lab
- CBTE 101, Keyboarding for Computers
- CBTE 114, Introduction to Microsoft Windows
- CBTE 120, Beginning Microsoft Word
- CBTE 122, Intermediate Microsoft Word
- CBTE 126, Document Processing
- CBTE 127, Introduction to PowerPoint
- CBTE 140, Microsoft Excel
- CBTE 143, Intermediate Microsoft Excel
- CBTE 152, Beginning Microsoft Access
- CBTE 153, Database Development with Access
- CBTE 162, Web Page Creation
- CBTE 164, Introduction to Microsoft Outlook
- CBTE 165, Webpage Creation with Dreamweaver
- CBTE 167, Web Development Using Microsoft Expression Web

CBTE 170, Desktop Publishing	
CBTE 173, Introduction to E-Commerce	
CBTE 180, Microsoft Office	
EMGM 105, Emergency Medical Technician-National Registry	
EMGM 106, Emergency Medical Technician-Defibrillation/Combitude	
FIPT 100A, Introduction to Fire Suppression and Maintenance Manipulative Tasks (Beginning)	
FIPT 101, Fire Protection Organization	
FIPT 102, Fire Prevention Technology	
FIPT 103, Fire Protection Equipment and Systems	
FIPT 104, Building Construction for Fire Protection	
FIPT 105, Fire Behavior and Combustion	
FIPT 106, Truck Company Operations	
FIPT 107, Fire Fighting Tactics and Strategy	
FIPT 109, Fire Service Hydraulics	
FIPT 110, Wildland Fire Control	
FIPT 114, Shipboard Fire Control	
FIPT 119, Aircraft Fire Control	
FIPT 160, Introduction to Open Water Lifeguarding .....	0.5-17
<b>Total Units = 18</b>	

**Associate in Science Degree:  
Physics Studies**

<b>Courses Required for the Major:</b>		<b>Units</b>
MATH 150, Calculus with Analytic Geometry I.....	5	
MATH 151, Calculus with Analytic Geometry II.....	4	
PHYS 195, Mechanics .....	5	
PHYS 196, Electricity and Magnetism .....	5	
<b>Total Units = 19</b>		

**Associate in Science Degree:  
Pre-Engineering Studies**

<b>Courses Required for the Major:</b>		<b>Units</b>
CHEM 200, General Chemistry I Lecture I.....	3	
MATH 150, Calculus with Analytic Geometry I I.....	5	
<b>Select at least 10 units from the following:</b>		
ACCT 116A, Financial Accounting		
BIOL 205, General Microbiology		
BIOL 210A, Introduction to the Biological Sciences I		
BIOL 210B, Introduction to the Biological Sciences II		
BIOL 215, Introduction to Zoology		
BIOL 250, Introduction to Botany		
BUSE 140, Business Law and the Legal Environment		
CHEM 130, Introduction to Organic and Biological Chemistry I		
CHEM 200L, General Chemistry I Laboratory		
CHEM 201, General Chemistry II Lecture		
CHEM 201L, General Chemistry II Laboratory		
CISC 189A, Introduction to Programming I		
CISC 189B, Introduction to Programming II		
CISC 190, Java Programming		
CISC 192, C/C++ Programming		
ECON 121, Principles to Economics II		
GEOL 100, General Geology		
GEOL 101, General Geology Laboratory		
MATH 119, Elementary Statistics		
MATH 151, Calculus with Analytic Geometry II		
MATH 245, Discrete Mathematics		
MATH 252, Calculus with Analytic Geometry III		
MATH 254, Introduction to Linear Algebra		
MATH 255, Differential Equations		
PHYS 125, General Physics		
PHYS 126, General Physics II		
PHYS 195, Mechanics		
PHYS 196, Electricity and Magnetism		
PHYS 197, Waves, Optics, and Modern Physics		
PSYC 258, Behavioral Science Statistics I.....	10	
<b>Total Units = 18</b>		

**Associate in Arts Degree:  
Psychology**

<b>Courses Required for the Major:</b>	<b>Units</b>
PSYC 101, General Psychology.....	3
MATH 119, Elementary Statistics <b>OR</b>	
PSYC 258, Behavioral Science and Statistics.....	3
<b>Select at least 12 units from the following:</b>	
ASTR 101, Descriptive Astronomy	
BIOL 107, General Biology-Lecture and Laboratory	
BIOL 130, Human Heredity	
BIOL 210A, Introduction to the Biological Sciences I	
BIOL 210B, Introduction to the Biological Sciences II	
BIOL 230, Human Anatomy	
CHEM 100, Fundamentals of Chemistry	
CHEM 100L, Fundamentals of Chemistry Laboratory	
CHEM 130, Introduction to Organic and Biological Chemistry	
CHEM 130L, Introduction to Organic and Biological Chemistry Laboratory	
CHEM 152, Introduction to General Chemistry	
CHEM 152L, Introduction to General Chemistry Laboratory	
CISC 190, Java Programming	
CISC 192, C/C++ Programming	
ECON 120, Principles of Economics I	
MATH 121, Basic Techniques of Applied Calculus I	
MATH 122, Basic Techniques of Applied Calculus II	
MATH 141, Precalculus	
MATH 150, Calculus with Analytic Geometry I	
MATH 151, Calculus with Analytic Geometry II	
MATH 252, Calculus with Analytic Geometry III	
PHIL 100, Logic and Critical Thinking	
PHIL 101, Symbolic Logic	
PHYS 125, General Physics	
PHYS 126, General Physics II	
PHYS 195, Mechanics	
PHYS 196, Electricity and Magnetism	
PHYS 197, Waves, Optics, and Modern Physics	
PSYC 121, Introduction to Child Psychology	
PSYC 123, Adolescent Psychology	
PSYC 133, Psychology of Women	
PSYC 135, Marriage and Family Relations	
PSYC 137, Human Sexual Behavior	
PSYC 155, Introduction to Personality	
PSYC 166, Introduction to Social Psychology	
PSYC 211, Learning	
PSYC 230, Psychology of Lifespan Development	
PSYC 245, Abnormal Psychology	
PSYC 255, Introduction to Psychological Research	
PSYC 260, Introduction to Physiological Psychology	
SOCO 101, Principles of Sociology.....	12
<b>Total Units =</b>	<b>18</b>

**Associate in Arts Degree:  
Social and Behavioral Sciences**

**Courses Required for the Major: Units**  
**Select at least 12 units from the following social and behavioral sciences core courses:**

- ADJU 101, Introduction to Administration of Justice
- ADJU 102, Criminal Law I
- ADJU 162, Criminal Investigation
- ADJU 210, Rules of Evidence
- ANTH 102, Introduction to Physical Anthropology
- ANTH 103, Introduction to Cultural Anthropology
- ANTH 104, Laboratory in Anthropology
- ANTH 107, Introduction to Archaeology
- BLAS 140A, History of the U.S., Black Perspectives
- BLAS 140B, History of the U.S., Black Perspectives
- ECON 120, Principles of Economics I
- ECON 121, Principles of Economics II
- FILI 100, Filipino American Experience
- GEOG 101, Physical Geography
- GEOG 101L, Physical Geography Laboratory
- GEOG 102, Cultural Geography
- GEOG 104, World Regional Geography
- HIST 100, World History I
- HIST 101, World History II
- HIST 105, Introduction to Western Civilization I
- HIST 106, Introduction to Western Civilization II
- HIST 109, History of the United States I
- HIST 110, History of the United States II
- HIST 120, Introduction to Asian Civilization
- HIST 121, Asian Civilization in Modern Times
- HIST 141, Women in United States History I
- HIST 142, Women in United States History II
- HIST 150, Native Americans in United States History
- HIST 151, Native Americans in United States History
- POLI 101, Introduction to Political Science
- POLI 102, The American Political System
- POLI 103, Comparative Politics
- POLI 140, Contemporary International Politics
- PSYC 101, General Psychology
- PSYC 133, Psychology of Women
- PSYC 135, Marriage and Family Relations
- PSYC 166, Introduction to Social Psychology
- PSYC 255, Introduction to Psychological Research
- PSYC 258, Behavioral Science Statistics
- SOCO 101, Principle of Sociology
- SOCO 110, Contemporary Social Problems
- SOCO 201, Advanced Principles of Sociology
- SOCO 223, Globalization and Social Change.....12-17

**Select at least one course and the remainder of units needed to meet the minimum of 18 from the following:**

- ACCT 116A, Financial Accounting
- BIOL 107, General Biology-Lecture and Laboratory
- BUSE 140, Business Law and the Legal Environment
- CBTE 120, Beginning Microsoft Word
- CBTE 127, Introduction to PowerPoint
- CBTE 140, Microsoft Excel
- CBTE 151, Introduction to Microsoft Access
- CBTE 161, Learning the Internet
- CBTE 162, Web Page Creation
- CHEM 100, Fundamentals of Chemistry
- CHEM 100L, Fundamentals of Chemistry Laboratory
- CISC 181, Principles of Information Systems
- CISC 186, Visual Basic Programming
- CISC 189A, Introduction to Programming I
- CISC 189B, Introduction to Programming II
- CISC 190, Java Programming
- ENGL 105, Composition and Literature
- ENGL 205, Critical Thinking and Intermediate Composition
- ENGL 237, Women in Literature
- HUMA 106, World Religions
- LIBS 101, Information Literacy and Research Skills
- MATH 119, Elementary Statistics
- MATH 121, Basic Techniques of Applied Calculus I
- MATH 150, Calculus with Analytic Geometry I
- PHIL 100, Logic and Critical Thinking
- PHIL 101, Symbolic Logic
- PHIL 102B, Introduction to Philosophy: Values
- PHIL 205, Critical Thinking and Writing in Philosophy
- PHYN 100, Survey of Physical Science..... 1-6

**Total Units = 18**

