

**OHLONE COMMUNITY COLLEGE DISTRICT
CURRICULUM COMMITTEE – MEETING MINUTES**

March 3, 2008
3:00-5:00 p.m.
Room 1402

Members Present:

Chris Warden, Rachel Sherman, Tim Roberts, Yvette Niccolls, Jeffrey Watanabe, Sheryl Einfalt, Mandy Kwok-Yip, David Topham, Kathy Sparling, Mzao Waters, Chieko Honma, Paul Mueller, Alyce Reynolds, Claire Ellis

Management Present:

Dr. Ron Quinta, Dr. Jim Wright, Michael Bowman, Walt Birkedahl, Martha Brown, Kimberly Robbie

Other's Present:

Heidi Barkow, Kenn Waters, Jon Degallier, Susan Myers, Interpreting Staff, 3 members of the Accreditation Team (Ed Knudson, Dr. Martin Spring, and Dan Petersen)

Approval of Minutes (ACTION):

February 4, 2008

Rachel Sherman made the motion to approve the minutes of February 4, 2008, seconded by Tim Roberts. Motion carried.

Chair's Report (INFORMATIONAL):

- Title V updates: Changes that relate to the functions of the Curriculum Committee.
 - Sec 55002 – Course outline must report total contact hours
 - Update needed on all course outlines to show contact hours in addition to, or instead of, weekly clock Hours.
 - Sec 55042 – Course Repetition in Activity courses
 - Better defines what an activity course is. ESL and Basic Skills courses still not approved for repetition.
 - Sec 55063 – Minimum requirements for the Associate Degree
 - Courses counting towards a major or area of emphasis must be completed with a C or better.
 - Sec 55070 – Credit Certificates
 - (b) Shorter credit programs leading to a certificate may be established without review and approval by the Chancellor after approval by the college curriculum committee and the district governing board. Such a certificate may be given any name or designation deemed appropriate by the district governing board, except that such a certificate may not be referred to as a certificate of achievement, a certificate of completion, or a certificate of competency, unless approved by the Chancellor pursuant to subdivision (c). Such a certificate may not be listed on a student's transcript, unless approved by the Chancellor.

MINOR REVISIONS (INFORMATIONAL):

CNET 155A **Network Fundamentals (Cisco Networking Academy CCNA I) – Richard Grotegut** Title Change from “LAN Network Design (Cisco Networking Academy CCNA I)”; Revision to Catalog Description: “This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. It uses the OSI and TCP layered models to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. At the end of the course, students build simple LAN topologies by applying basic principles of cabling; performing basic configurations of network devices, including routers and switches; and implementing IP addressing schemes. This course is preparation for the Cisco Certified Networking Associate (CCNA) certification.” Revision to counselor description; revision to course outline; course assignments; methods of instruction; updated textbook

HLTH 120 **Mind-Body Balance**
Deb Parziale Title Change from Mind-Body Health; **Catalog Description:** “This experiential course invites participants to integrate mind-body techniques into their life to promote relaxation, balance and mindfulness. Mind-body techniques include meditation, breath work, biofeedback, imagery, reflective drawing and journaling, mindful nutrition and exercise.” **Class Schedule Description:** “An experiential course inviting participants to use mind-body techniques to promote relaxation, balance and mindfulness.” Revision to course assignments; methods of instruction; updated textbook

MAJOR REVISIONS (ACTION - CONSENT):

CNET 105 PC **Hardware and Software**
Richard Grotegut Minor revisions to catalog and counselor descriptions; revisions to student learning outcomes; course outline; course assignments; methods of instruction and updated textbook

CNET 155B **Routing Protocols and Concepts (Cisco Networking Academy**
Richard Grotegut **CCNA II)**
Title Change from: Router Configuration (Cisco Networking Academy CCNA II);
Catalog Description: This course describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Students analyze, configure, verify, and troubleshoot the primary routing protocols RIPv1, RIPv2, EIGRP, and OSPF. By the end of this course, students will be able to recognize and correct common routing issues and problems. This course is preparation for the Cisco Certified Networking Associate (CCNA) certification.” **Class Schedule Description:** “Router operation and principles of routing and routing protocols. Preparation for CCNA.” **Counselor Information:** “This is the second of four courses designed to introduce students to current and emerging networking technology. This course is preparation for the Cisco Certified Networking Associate (CCNA) certification. Curriculum is delivered through Ohlone's Cisco Networking Academy program established in 1998.” Revision to: student learning outcomes; course outline; course assignments; methods of instruction; updated textbook

GEOG 105 California Geography

Narinder Bansal Revision to: **Catalog Description:** “This course investigates California's physical, cultural, and economic environments, analyzing changes resulting from both natural and human interaction. The emphasis is on cultural diversity, human alteration of the landscape, and contemporary problems resulting from accelerated competition for natural, financial, and human resources.” Revision to: **Counselor Information:** “California and its varied environments and the forces both natural and cultural, which have shaped this great State. Revision to student learning outcomes; course outline; course assignments; methods of evaluation/assessment; methods of instruction; updated textbook.

Mandy Kwok-Yip made the motion to approve **CNET-105, CNET-155B, GEOG-105,** seconded by **Tim Roberts.** Motion carried.

NEW COURSES (ACTION):

PE 378B2 Term and Burn
Robin Kurotori 0.50 units 2.00 lab hours

PE-378B3 Term and Burn
Robin Kurotori 1.00 units 3.00 lab hours

Chris Warden gave a rationale for adding the above courses for **Robin Kurotori.** **Sheryl Einfalt** made the motion to approve **PE-378B2** and **PE-378B3,** seconded by **Kathy Sparling.** Motion carried.

ADDITIONAL APPROVALS (INFORMATIONAL):

GENERAL EDUCATION:

No approvals requested

CULTURAL DIVERSITY:

GEOG 105 California Geography – approved 2/20/08

INFORMATION COMETENCY:

No approvals requested

DISTANCE LEARNING:

HLTH 120 Mind-Body Balance – approved 2/14/08

COURSE DEACTIVATION (ACTION):

No approvals requested

PROGRAM REVISIONS (ACTION):

- 5 general AA degrees converted using form CCC-520 to be compliant with Title 5 section 55063(a)
 - Business (see pg. 4 - 5)
 - Liberal Arts (see pg. 5 - 7)
 - Fine Arts (see pg. 7 - 12)
 - Natural Science (see pg. 12 - 15)
 - Social Science (see pg. 15 – 16)

Michael Bowman – if we don't have our 5 general degrees compliant we have a chance of losing them and having to start over. We have a window of opportunity to make our 5 general degrees compliant – make them correspond with what the Chancellor's Office wants. General degrees now have course listings. Further discussion ensued.

Motion to approve

		Yes	No	Abstain	Motion Carried
Business:	Paul Mueller/seconded by Kathy Sparling				Yes Unanimous
Liberal Arts:	Yvette Niccolls/seconded by David Topham	13	1	0	Yes
Fine Arts:	Yvette Niccolls/seconded by Alyce Reynolds – Extensive discussion	12	2	0	Yes
Natural Science:	Paul Mueller/seconded by Mandy Kwok-Yip	13	0	1	Yes
Social Science:	Mandy Kwok-Yip/seconded by Tim Roberts				Yes - Unanimous

Anticipating continuation of revisions to the 5 general degrees. Chris Warden will call Stephanie this week. Chancellor's Office (Board of Governors and State Faculty Senate – discussion)

Recommendation from Dr. Wright to have someone from the State Faculty Senate come talk to the Curriculum Committee.

- **NOTE: CurricUNET to be updated after approval**

ISSUES (INFORMATION/ACTION):

- Possible consolidation of subcommittee's
 - Folding Cultural Diversity and Information Competency into GE.**Chris Warden encouraged the committee to go to the Faculty Senate and propose that Cultural Diversity subcommittee and Information Competency subcommittee merge in with General Education Committee. Dave Topham made the motion/seconded by Mandy Kwok-Yip. Motion carried.**

ADJOURN: 5:16 p.m.

CURRICULUM GUIDE

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BUSINESS

AA Degree

The Associate of Arts degree in Business is designed to provide graduates with the skills and knowledge required to work effectively in a variety of business settings. The curriculum provides a solid foundation in areas of business management, information technology, economics, international business, and legal and ethical issues. The general emphasis prepares a student to complete a bachelor's degree in accounting, economics, finance, international business, management, marketing, etc. Graduates from the AA in Business program will be able to communicate effectively for informal, formal, and quantitative tasks and will be conversant with the values and terminology of the field. They will be able to access information resources, evaluate them for credibility and relevance, and use the sources to present a wide range of alternatives. Having utilized academic processes such as feedback from faculty and self-reflection, graduates will be situated for lifelong learning.

Since some curriculum requirements may vary among universities, it is imperative that students entering Ohlone's Associate of Arts degree in Business meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AA Degree:

- a) Complete the Major Field courses with a 2.0 grade point average.
- b) Complete a minimum of 20 units selected from the courses listed below.
- c) Complete Plan A, B, or C General Education requirements. These are specified in the Ohlone College catalog.
- d) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- e) Complete at least 12 units at Ohlone College.
- f) Complete at least 50% of the Major Field courses at Ohlone College.

MAJOR FIELD

BA-101A	Principles of Accounting	5
BA-101B	Principles of Accounting	5
BA-102A	Principles of Economics-Macroeconomics	3
BA-102B	Principles of Economics-Microeconomics	3
BA-104	Computer Applications in Accounting	3
BA-105	Income Tax Principles	4
BA-106	Applied Accounting	3
BA-107	Cost and Managerial Accounting	4
BA-115	Career Communication	3
BA-116	Business English and Communication	4
BA-123	Math for Accounting and Business	3
BA-125	Introduction to Business	3
BA-129	Introduction to Advertising	3
BA-139	Psychology in the Workplace	3
BA-141A	Business Law	3

BA-141B	More Components of Business Law	3
BA-141C	An Introduction to International Law	3
BA-143	Sports Marketing	3
BA-144	Sports Management	3
BA-166	Business Ethics	3
CS-101	Introduction to Computers and Information Technology	3
CS-101L	Computer Applications	2
MATH-101A	Calculus with Analytic Geometry	5
MATH-101B	Calculus with Analytic Geometry	5
MATH-101C	Calculus with Analytic Geometry	5
MATH-103	Introduction to Linear Algebra	3
MATH-104	Differential Equations	5
MATH-156	Math for Liberal Arts	3
MATH-159	Elements of Statistics and Probability	5
MATH-163	Discrete Mathematics for Computers	3
MATH-166	Finite Mathematics	4
MATH-167	Calculus for Business and Social Science	<u>5</u>
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LIBERAL ARTS

AA Degree

A liberal arts education allows students to explore any number of career possibilities. Unlike students in professional or vocational programs, students in liberal arts degree programs receive broad exposure to a variety of areas, while focusing on a few key specialties that may lead to a higher degree. The general emphasis prepares a student to complete a bachelor's degree in English, foreign languages, mathematics, philosophy, speech communication, etc. Employment prospects are generally strong after graduation; often employers prefer to hire people with the education in the right skills (critical thinking, writing, and analysis) rather than the right subjects. Liberal arts degrees are also an excellent choice for students who want to pursue graduate studies, as universities often prefer candidates with a proven ability to learn and succeed. A liberal arts education offers much more than career-specific training, because it teaches students to understand problems, develop solutions, and lead a balanced and well-rounded life.

Since some curriculum requirements may vary among universities, it is imperative that students entering Ohlone's Associate of Arts degree in Liberal Arts meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AA Degree:

- g) Complete the Major Field courses with a 2.0 grade point average.
- h) Complete a minimum of 20 units selected from the courses listed below.
- i) Complete Plan A, B, or C General Education requirements. These are specified in the Ohlone College catalog.
- j) Complete at least 60 degree-applicable units with a 2.0 grade point average.

k) Complete at least 12 units at Ohlone College.

l) Complete at least 50% of the Major Field courses at Ohlone College.

MAJOR FIELD

ARBC-101A	Elementary Arabic	5
ARBC-101B	Elementary Arabic	5
CHIN-101A	Elementary Mandarin Chinese I	5
CHIN-101B	Elementary Mandarin Chinese II	5
CHIN-102A	Intermediate Mandarin Chinese I	5
CHIN-102B	Intermediate Mandarin Chinese II	5
CHIN-121A	Mandarin Chinese Conversation I	3
CHIN-121B	Mandarin Chinese Conversation II	3
ENGL-101A	Reading and Written Composition	4
ENGL-101B	Reading and Composition	4
ENGL-101C	Critical Thinking and Composition	3
ENGL-104	The Short Story	3
ENGL-105B	English Literature: From Romanticism to Modernism	3
ENGL-106	Censorship and Literature	3
ENGL-107	Literature and Film	3
ENGL-108	Writing Short Fiction	3
ENGL-111A	Beginning Creative Writing	3
ENGL-111B	Intermediate Creative Writing	3
ENGL-112	Modern Fiction	3
ENGL-113	Poetry	3
ENGL-114	World Mythology	3
ENGL-115	Women in Literature	3
ENGL-117	Science Fiction and Fantasy	3
ENGL-118	Introduction to Shakespeare	3
ENGL-119	The Gothic Novel	3
ENGL-120A	Survey of American Literature: Beginning to 1865	3
ENGL-120B	Survey of American Literature: 1865 to Present	3
ENGL-127	Autobiography: Writing Journals and Memoirs	3
ENGL-129	Psychology and Literature	3
ENGL-130	American Stories: Multicultural Autobiography And Memoir	3
ENGL-135	Emerging Voices: Literature Reflecting the Diversity of the U.S.	3
ENGL-167	Speed and Critical Reading	3
FREN-101A	Elementary French	5
FREN-101B	Elementary French	5
FREN-102A	Intermediate French	5
FREN-102B	Intermediate French	5
FREN-111	Individualized French Lab	1.5
FREN-112	Individualized French Lab	1.5
ITAL-101A	Elementary Italian	5
ITAL-101B	Elementary Italian	5
JPNS-101A	Elementary Japanese	5
JPNS-101B	Elementary Japanese	5
JPNS-102A	Intermediate Japanese	5
JPNS-102B	Intermediate Japanese	5
JPNS-110	Japanese Culture, Manner, and Conversation	3
MATH-101A	Calculus with Analytic Geometry	5
MATH-101B	Calculus with Analytic Geometry	5
MATH-101C	Calculus with Analytic Geometry	5
MATH-103	Introduction to Linear Algebra	3
MATH-104	Differential Equations	5

MATH-111	Introduction to Matlab	3
MATH-156	Math for Liberal Arts	3
MATH-159	Elements of Statistics and Probability	5
MATH-163	Discrete Mathematics for Computers	3
MATH-166	Finite Mathematics	4
MATH-167	Calculus for Business and Social Science	5
MATH-181	Trigonometry	3
MATH-188	Pre-Calculus	5
PHIL-100	Introduction to Philosophy	3
PHIL-101	Ancient Philosophy	3
PHIL-102	Modern Philosophy	3
PHIL-104	Logic	3
PHIL-106	Ethics	3
PHIL-107	Practical Reasoning	3
PHIL-109A	Understanding the Old Testament	3
PHIL-109B	Understanding the New Testament	3
PHIL-110	Introduction to Asian Religions	3
PHIL-112	Introduction to Western Religions	3
PHIL-114	Introduction to Islam	3
SPAN-101A	Elementary Spanish	5
SPAN-101B	Elementary Spanish	5
SPAN-102A	Intermediate Spanish	5
SPAN-102B	Intermediate Spanish	5
SPAN-111	Individualized Spanish Lab	.5
SPCH-101	Introduction to Public Speaking	3
SPCH-102	Critical Thinking/Group Decision Making	3
SPCH-103	Interpersonal Communication	3
SPCH-104	Critical Thinking/Persuasion	3
SPCH-105	Intercultural Communication	3
SPCH-106	Critical Thinking/Argumentation and Debate	3
SPCH-110A1	Forensics Workshop	1
SPCH-110A2	Forensics Workshop	2
SPCH-110A3	Forensics Workshop	3
SPCH-112A1	Argumentation and Debate Workshop	1
SPCH-112A2	Argumentation and Debate Workshop	2
SPCH-112A3	Argumentation and Debate Workshop	3
SPCH-115	Career Communication	3
SPCH-122	Family Communication	3
SPCH-130	Oral Interpretation of Literature	3
SPCH-132	Voice and Diction	3
SPCH-190A	Speech Communication Lab Consultant	1
SPCH-190B	Speech Communication Lab Consultant	2
SPCH-190C	Speech Communication Lab Consultant	3
TAG-181A	Conversational Tagalog	<u>3</u>
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FINE ARTS

AA Degree

The Associate of Arts degree has three different emphases: Art, Music, and Theatre and Dance. Students may choose one of these options to earn a degree in Fine Arts. All emphases will provide students with the knowledge and skills to succeed in a variety of artistic, musical, or theatrical careers. These emphases will prepare a student to complete a bachelor's degree in Art, Music, or Theatre and Dance. These courses emphasize the study of cultural and humanistic activities and artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have responded to themselves and the world around them in artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

Since some curriculum requirements may vary among universities, it is imperative that students entering Ohlone's Associate of Arts degree in Fine Arts meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AA Degree:

- m) Complete the Major Field courses with a 2.0 grade point average.
- n) Complete a minimum of 20 units in one of the emphases listed below.
- o) Complete Plan A, B, or C General Education requirements. These are specified in the Ohlone College catalog.
- p) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- q) Complete at least 12 units at Ohlone College.
- r) Complete at least 50% of the Major Field courses at Ohlone College.

MAJOR FIELD

Art Emphasis (Choose 20 units from the following)

ART-100	Survey of the Arts	3
ART-101	Art: An Introduction	3
ART-103A	Survey of World Art History: Prehistoric Through 1300 C.E.	4
ART-103B	Survey of World Art History: 14 th Century Through 20 th Century	4
ART-104A	2D Design	3
ART-104B	3D Design	3
ART-104C	Color	3
ART-105A	Glass Art and Design	3
ART-105B	Advanced Glass Fabrication	3
ART-105C	3D Glass	3
ART-106A	Descriptive Drawing	3
ART-106B	Intermediate Descriptive Drawing	3
ART-107A	Life Drawing	3
ART-107B	Life Drawing	3

ART-108	Perspective Drawing	3
ART-109A	Beginning Graphic Design I	3
ART-109B	Beginning Graphic Design II	3
ART-110A	Advanced Graphic Design I	3
ART-110B	Advanced Graphic Design II	3
ART-111A	Painting-Color and Composition	3
ART-111B	Painting	3
ART-112	Watercolor	3
ART-116A	Basic Sculpture	3
ART-116B	Advanced Sculpture	3
ART-116C	Sculpture and Beyond	3
ART-117A	Museum and Gallery Techniques	2
ART-117B	Museum and Gallery Techniques	2
ART-119A	3D Studio Lab	1
ART-119B	Intermediate 3D Studio Lab	1
ART-119C	Advanced 3D Studio Lab	1
ART-120A	Ceramic Studio Development and Maintenance I	1
ART-120B	Ceramic Studio Development and Maintenance II	1
ART-121A	Introductory Ceramics I	3
ART-121B	Introductory Ceramics II	3
ART-122A	Ceramic Throwing I	3
ART-122B	Ceramic Throwing II	3
ART-123	Ceramic Decorating	3
ART-124	Advanced Ceramic Throwing	3
ART-131A	Fine Art Photography: The Early Years	2
ART-131B	Fine Art Photography: The Second Century	2
ART-133A	Black and White Photography	3
ART-133B	Intermediate Black and White Photography	3
ART-133C	Advanced Black and White Photography	3
ART-134A	Basic Color Photography	3
ART-134B	Advanced Color Photography	3
ART-139A	Digital Photography	2
ART-139B	Intermediate Digital Photography	2
ART-145	Digital Photojournalism	2
ART-146	Photography/Graphic Arts Newspaper Staff	1
ART-147	Photography/Graphic Arts Newspaper Staff	2
ART-148	Photography/Graphic Arts Newspaper Staff	3
ART-150A	Interior Design Concepts	3
ART-150B	Interior Design	3
ART-151	Visualization and Presentation	3
ART-153	History of Decorative Arts	3
ART-154	Contemporary Home Design	2
ART-155A	Architectural Drafting for Interior Design	3
ART-155B	CAD for Interior Design	3
ART-156	Architectural Modelmaking for Interior Design	3
ART-158	Textiles	3
ART-159A	Applied Design: Residential Lighting	1
ART-159B	Applied Design: Color for the Home	1
ART-160A	Computer Graphics I	4
ART-160B	Computer Graphics II	4
ART-161A	Digital Graphics I	2
ART-161B	Digital Graphics II	<u>2</u>
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Music Emphasis (choose 20 units from the following)		
MUS-100	Survey of the Arts	3
MUS-101	Introduction to Music-Western Classical Music	3
MUS-102	Music Appreciation	3
MUS-103	Fundamentals of Music	3

MUS-104	Music of World Cultures	3
MUS-108	Song Writing	2
MUS-110A	Music Theory and Harmony	3
MUS-110B	Harmony	3
MUS-110C	Advanced Harmony	3
MUS-110D	Advanced Harmony	3
MUS-111A	Musicianship	1
MUS-111B	Musicianship	1
MUS-111C	Advanced Musicianship	1
MUS-111D	Advanced Musicianship	1
MUS-112A	Pro Tools 101	3
MUS-112B	Pro Tools and MIDI	3
MUS-113	Studio Recording	3
MUS-114	Create a CD	2
MUS-120A	History of Trends in Music Literature	3
MUS-120B	History of Trends in Music Literature	3
MUS-121	The History of Jazz	3
MUS-122	A History of Early Rock and Roll: Music and Culture of the 1950's	3
MUS-123	A History of Rock and Roll: Music and Culture of the 1960's	3
MUS-125	Rock Music Since 1970	3
MUS-160A	Beginning Class Piano	1
MUS-160B	Class Piano	1
MUS-160C	Class Piano	1
MUS-160D	Class Piano	1
MUS-160E	Piano Repertoire	1
MUS-160F	Piano Repertoire	1
MUS-161A	Class Guitar	1
MUS-161B	Class Guitar	1
MUS-161C	Class Guitar	1
MUS-161D	Class Guitar	1
MUS-161E	Class Guitar	1
MUS-161F	Class Guitar	1
MUS-162A	Class Voice – Beginning	1
MUS-162B	Class Voice – Beginning	1
MUS-162C	Class Voice – Intermediate	2
MUS-162D	Class Voice – Intermediate	2
MUS-162E	Vocal Repertoire	2
MUS-162F	Vocal Repertoire	2
MUS-163A	Woodwind Instruments	1
MUS-163B	Woodwind Instruments	1
MUS-163C	Woodwind Instruments	1
MUS-163D	Woodwind Instruments	1
MUS-164A	Brass Instruments	1
MUS-164B	Brass Instruments	1
MUS-164C	Brass Instruments	1
MUS-164D	Brass Instruments	1
MUS-165A	Percussion Instruments	1
MUS-165B	Percussion Instruments	1
MUS-165C	Percussion Instruments	1
MUS-165D	Percussion Instruments	1
MUS-166A	Applied Music	1
MUS-166B	Applied Music	1
MUS-166C	Applied Music	1
MUS-166D	Applied Music	1
MUS-169A	Jazz Guitar	1
MUS-169B	Blues/Rock Guitar	1
MUS-169C	Blues/Rock Guitar II	1

MUS-350	Community Band	.5
MUS-351	Performance Ensembles	1
MUS-352	Jazz/Rock Combos	1
MUS-354A	String Techniques – Ohlone Chamber Orchestra	.5
MUS-355	College Chorus	1
MUS-356	Chamber Singers	1
MUS-358	Community Chorale	1
MUS-367	Women’s Chorus	1
MUS-369	Jazz, Rock, Popular, Blues Piano	1
MUS-370	Symphonic Band	.5
MUS-371	Mixed Wind Ensemble	.5
MUS-374	Community Orchestra	.5
MUS-380	Musical Theatre Workshop I (Principals)	1
MUS-381	Musical Theatre Workshop II (Chorus)	1
MUS-382	Musical Theatre Workshop III (Instrumental)	1
MUS-394	Madrigals	<u>1</u>
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Theatre and Dance Emphasis (choose 20 units from the following)

TD-100	Survey of the Arts	3
TD-101	Introduction to World Theatre	3
TD-102	Introduction to Theatre Appreciation	3
TD-107	History of Film	3
TD-109	Theatre of Today	3
TD-110	Introduction to Acting	4
TD-112	Acting Styles – Classical	4
TD-113	Screenwriting Basics	3
TD-114	Acting for the Camera	4
TD-115A	Theatre Improvisation	3
TD-116	Acting Laboratory	1
TD-117A	Audition/Portfolio Preparation	.5
TD-117A1	Audition/Portfolio Preparation	1
TD-117A2	Audition/Portfolio Preparation	2
TD-118	Survey of Acting Techniques	3
TD-119	Directing for the Stage	4
TD-120A3	Student Repertory Theatre	3
TD-120A4	Student Repertory Theatre	4
TD-120B3	Student Repertory Theatre	3
TD-120B4	Student Repertory Theatre	4
TD-121A	Dance Rehearsal and Performance	2
TD-121B	Dance Rehearsal and Performance	3
TD-121C	Dance Rehearsal and Performance	4
TD-122	Rehearsal and Performance	2
TD-123	Rehearsal and Performance	3
TD-124	Rehearsal and Performance	4
TD-125	Summerfest – Principals	7
TD-126	Summerfest – Featured Parts	6
TD-127	Summerfest – Chorus and Instrument Members	5
TD-129	Summerfest – Technicians	7
TD-130	Oral Interpretation of Literature	3
TD-132	Voice and Diction	3
TD-140	Dance for Musical Theatre	2
TD-141A	Introduction to Ballet	2
TD-141B	Intermediate Ballet	2
TD-142A	Introduction to Jazz Dance	2
TD-142B	Intermediate Jazz Dance	2
TD-142C	Advanced Jazz Dance	2
TD-143A	Introduction to Tap	2
TD-143B	Intermediate Tap	2

TD-143C	Advanced Tap Dance	2
TD-144A	Introduction to Modern Dance	2
TD-144B	Intermediate Modern Dance	2
TD-145A2	Introduction to Ballroom Dance	.5
TD-145A3	Introduction to Ballroom Dance	1
TD-145A4	Introduction to Ballroom Dance	2
TD-145B2	Intermediate Ballroom Dance	.5
TD-145B3	Intermediate Ballroom Dance	1
TD-145B4	Intermediate Ballroom Dance	2
TD-148A2	Introduction to Hip Hop	.5
TD-148A3	Introduction to Hip Hop	1
TD-148B2	Intermediate Hip Hop	.5
TD-148B3	Intermediate Hip Hop	1
TD-149	Choreography for Production	2
TD-150	Technical Theatre	3
TD-152	Introduction to Lighting	3
TD-153	Scenic Painting	3
TD-154	Theatrical Makeup for Stage, TV, and Dance	2
TD-155A	Costume Construction I	3
TD-155B	Costume Construction II	3
TD-156	Theatrical Costuming	2
TD-159	Theatre Management	3
TD-160A	Production Lab	.5
TD-160A1	Production Lab	1
TD-160A2	Production Lab	2
TD-160A3	Production Lab	3
TD-161	Stagecraft Lab	1
TD-162	Stagecraft Lab	2
TD-163	Stagecraft Lab	3
TD-164	Stagecraft Lab	4
TD-170	Survey of Entertainment Design	3
TD-171	3D Entertainment Design for Lighting	3
TD-172	Intermediate Lighting for Stage, Television, and Live Events	3
TD-173	Introduction to Moving Lights	2
TD-174	Intermediate Moving Lights	2
TD-175	Intermediate Sound for Stage, Television, and Live Events	3
TD-176	Digital Sound Editing for Stage and Television	3
TD-179	Introduction to Stage Management	3
TD-180	Television Series Production	3
TD-181	Directing for the Camera	<u>4</u>
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CURRICULUM GUIDE

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NATURAL SCIENCE

AA Degree

The Associate of Arts degree has two different emphases: Biological and Physical Sciences or Mathematics and Technology. Students may choose one of these options to earn a degree in Natural Science. Both emphases will provide students with the knowledge and skills to succeed in a variety of science or technological careers. The Biological and Physical Science emphasis will prepare a student to complete a bachelor's degree in Astronomy, Biology, Chemistry, Geology, or Physics. The Mathematics and Technology emphasis will prepare a student to complete a bachelor's degree in Computer Studies or Mathematics. Graduates with an AA in Natural Science will develop a strong foundation in the life sciences, physical sciences, and mathematics. Furthermore, the theoretical knowledge and laboratory skills acquired by students in these programs will also enhance their success with obtaining entry-level jobs that require two years of college-level science and math.

Since some curriculum requirements may vary among universities, it is imperative that students entering Ohlone's Associate of Arts degree in Natural Science meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AA Degree:

- s) Complete the Major Field courses with a 2.0 grade point average.
- t) Complete a minimum of 20 units selected from one of the emphases listed below.
- u) Complete Plan A, B, or C General Education requirements. These are specified in the Ohlone College catalog.
- v) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- w) Complete at least 12 units at Ohlone College.
- x) Complete at least 50% of the Major Field courses at Ohlone College.

MAJOR FIELD

Biological and Physical Science Emphasis (choose 20 units from the courses listed below)

ANTH-101	Physical Anthropology	4
ASTR-101A	General Astronomy of the Solar System	3
ASTR-101B	General Astronomy Beyond the Solar System	3
ASTR-102	General Astronomy Lab	1
BIOL-101A	Principles of Biology – Molecular and Cellular	5
BIOL-101B	Principles of Biology – Organisms and Systems	5
BIOL-103A	Human Anatomy and Physiology	4
BIOL-103B	Human Anatomy and Physiology	4
BIOL-104	Basic Human Anatomy and Physiology	4
BIOL-105	Heredity, Evolution, and Society	3
BIOL-106	Microbiology	5
BIOL-107	Microbiology and Infectious Diseases	3
BIOL-108	Human Ecology	3
BIOL-109	Biology of Sexual Reproduction	3

BIOL-114A	Introduction to Plant Biology	2
BIOL-114B	Applications in Plant and Food Biotechnology	2
BIOL-130	Introduction to Biology	4
BIOL-140	Sierra Nevada Natural History	3
BIOL-141	Marine Biology	3
BIOL-142	Environmental Biology	4
CHEM-101A	General Chemistry	5
CHEM-101B	General Chemistry	5
CHEM-102	Preparation for General Chemistry	4
CHEM-106A	Principles of Chemistry	4
CHEM-106B	Principles of Chemistry	4
CHEM-109	Survey of Chemistry	3
CHEM-109	Biochemistry for Health Sciences and Biotechnology	4
CHEM-112A	Organic Chemistry	5
CHEM-112B	Organic Chemistry	5
GEOG-101	Physical Geography	4
GEOL-101	Introduction to Geology	4
GEOL-102	Introduction to Oceanography	3
GEOL-102L	Oceanography Laboratory	1
GEOL-103	Paleontology and Dinosaurs	3
GEOL-103L	Paleontology Laboratory	1
HLTH-101	Health Science	3
PHS-135	Physical Science	4
PHYS-108	Survey of Physics	3
PHYS-120	Introduction to Physics I	4
PHYS-120A	Introduction to Physics – Calculus Supplement	1
PHYS-121	Introduction to Physics II	4
PHYS-121A	Introduction to Physics II – Calculus Supplement	1
PHYS-140	Mechanics	4
PHYS-141	Electricity and Magnetism	4
PHYS-142	Optics, Heat, and Modern Physics	<u>4</u>
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Mathematics and Technology Emphasis (choose 20 units from the courses listed below):

CS-101	Introduction to Computers and Information Technology	3
CS-101L	Computer Applications	2
CS-102	Introduction to Computer Programming Using C++	4
CS-104A	Visual Basic.NET Programming	4
CS-104B	Advanced Visual Basic.NET Programming	4
CS-104C	ASP.NET Programming	4
CS-104D	Web Services for .NET	4
CS-113	Discrete Mathematics for Computers	3
CS-116	C++ Programming: An Object-Oriented Language	4
CS-117	Introduction to Wireless Programming and Technology	4
CS-118	Introduction to Assembly Language Programming	4
CS-121	Applied Programming in Visual C++	4
CS-122	C#.NET Programming	4
CS-124	Advanced Programming with Data Structures	4
CS-125	Introduction to Programming Using Java	4
CS-126	Internet Security Programming	4
CS-129A	Software Testing	3
CS-130	Systems Analysis	3
CS-131	Computing Concepts in Biotechnology	4
CS-132	DNA Computing	1
CS-133	SAS Programming	3
CS-135	Database Programming	3
CS-136	Advanced Database Programming	3

CS-137	Introduction to SQL and PL/SQL Programming	4
CS-139	Data Mining	3
CS-141B	SAS Graphing and ODS	2
CS-143	Advanced SAS Programming	3
CS-146	Introduction to UNIX/Linux	3
CS-147	Shell Programming	4
CS-148A	UNIX/Linux System Administration I	4
CS-148B	System Administration II	4
CS-149	PERL Programming	4
CS-151	Internet for Research	.5
CS-152	Data Communications	2
CS-157	TCP/IP Internetworking	3
CS-158	Client Server Architecture	4
CS-160A	Computer Graphics I	4
CS-160B	Computer Graphics II	4
CS-162	XHTML	4
CS-169A	Digital Photography	2
CS-169B	Intermediate Digital Photography	2
CS-170	Java Programming	4
CS-171	Advanced Java Programming	4
CS-175	Script Technology for Web Development	4
CS-176	CGI Programming with PERL for Web Development	3
CS-178	XML	3
MATH-101A	Calculus with Analytic Geometry	5
MATH-101B	Calculus with Analytic Geometry	5
MATH-101C	Calculus with Analytic Geometry	5
MATH-103	Introduction to Linear Algebra	3
MATH-104	Differential Equations	5
MATH-111	Introduction to Matlab	3
MATH-156	Math for Liberal Arts	3
MATH-159	Elements of Statistics and Probability	5
MATH-163	Discrete Mathematics for Computers	3
MATH-166	Finite Mathematics	4
MATH-167	Calculus for Business and Social Science	5
MATH-181	Trigonometry	3
MATH-188	Pre-Calculus	<u>5</u>
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SOCIAL SCIENCE

AA Degree

A social science education allows students to explore a number of career possibilities. Unlike students in professional or vocational programs, students in social science degree programs receive broad exposure to a variety of areas, while focusing on a few key specialties that may lead to a higher degree. The general emphasis prepares students to be enlightened citizens equipped with the broad cultural background to complete a bachelor's degree in Anthropology, economics, geography, history, psychology, sociology, etc. Employment prospects are generally strong after graduation; often employers prefer to hire people with the education in the right skills (critical thinking, writing, and analysis) rather than the right subjects. Social science degrees are also an excellent choice for students who want to pursue graduate studies, as universities often prefer candidates with a proven ability to learn and succeed. A social science education offers much more than career-specific training, because it teaches students to understand problems, develop solutions, and lead a balanced and well-rounded life.

Since some curriculum requirements may vary among universities, it is imperative that students entering Ohlone's Associate of Arts degree in Social Science meet with a counselor at the start of their academic work. Counselors will assist students in preparing a Student Education Plan that will prepare them to transfer to the university of their choice. Counselors will also advise students on the general education plan that best prepares them for future transfer.

Requirements for AA Degree:

- y) Complete the Major Field courses with a 2.0 grade point average.
- z) Complete a minimum of 20 units selected from the courses listed below.
- aa) Complete Plan A, B, or C General Education requirements. These are specified in the Ohlone College catalog.
- bb) Complete at least 60 degree-applicable units with a 2.0 grade point average.
- cc) Complete at least 12 units at Ohlone College.
- dd) Complete at least 50% of the Major Field courses at Ohlone College.

MAJOR FIELD

ANTH-102	Cultural Anthropology	3
ANTH-103	Introduction to Archaeology and Prehistory	3
ANTH-104	Survey of North American Indian Cultures	3
ANTH-105	Field Archaeology	3
ANTH-106	Magic, Witchcraft, and Religion	3
BA-102A	Principles of Economics-Macroeconomics	3
BA-102B	Principles of Economics-Microeconomics	3
GEOG-102	Cultural Geography	3
GEOG-104	The World's Nations	3
GEOG-105	California Geography	3
GEOG-123	GIS Projects	2
HIST-104A	Western Civilization with a World Perspective	3
HIST-104B	Western Civilization with a World Perspective	3
HIST-105	History of California	3

HIST-107	History of Film	3
HIST-112	Chicano History	3
HIST-114A	African-American History 1619 to 1877	3
HIST-115	Asian-American History	3
HIST-117A	History of the United States	3
HIST-117B	History of the United States	3
HIST-118	Contemporary U.S History: 1945-	3
HIST-119A	Bad Girls: Women in America Before 1890	3
HIST-119B	Bad Girls: Women in America From 1890	3
HIST-141	A History of Early Rock and Roll: Music and Culture of the 1950's	3
HIST-142	History of Rock and Roll: Music and Culture of the 1960's	3
HIST-143	History of Rock and Roll: Music and Culture Since 1970	3
PS-102	American Government	3
PS-103	International Relations	3
PS-105	Comparative Government	3
PSY-101	General Psychology	3
PSY-102	Introduction to Experimental Psychology	3
PSY-104	Murder in America	3
PSY-105	Child Development	3
PSY-106	Adolescent Development	3
PSY-108	A Survey of Human Development	3
PSY-112	Social Development	3
PSY-114	Introduction to Paraprofessional Counseling	3
PSY-115	Abnormal Psychology	3
PSY-120	Biological Psychology	3
PSY-139	Psychology in the Workplace	3
SOC-101	Introduction to Sociology	3
SOC-102	Social Problems of a Diverse Society	3
SOC-105	Marriage and Family	3
SOC-106	Chicano Culture I	3
SOC-107	The World of Work	3
SOC-142	Sociology of Sport	3
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