Merritt College
Arboriculture

Overview

College	Merritt - Division II
Originator	Laura Forlin
Award Type	A.S. Degree

Codes and Dates

Curriculum Committee Approval Date	9/08/2022
Current Effective Date	8/01/2023
Program Control Number	36516
Top Code	0109.00* - Horticulture

Description

This Arboriculture AS Degree Program prepares workers for careers linked to urban forestry related occupations, including arborist, arboriculture, tree care specialist, tree trimming, grounds maintenance, aerial tree work, crew leader and other identified occupations. This program follows an industry validated training model which combines classroom learning, and hands-on skill development in school shops/labs and training centers. The curriculum provides a strong foundation in basic horticultural principles, plant biology and physiology, tree ID, and urban forestry concepts; industry standard skills and practices related to safe work practices, trees/shrub maintenance, tree removal, advanced climbing skills, small and large equipment use, and leadership skills.

To qualify for the AS Degree in Arboriculture students must complete all of the Degree Major Requirements and local AS/General Ed Requirements.

Career Opportunities

Tree Care Industry Established Positions and Job Titles: 1. Tree Care Specialist/Worker with Certification 2. Ground worker 3. Arborist (Certified) 4. Tree Climber 5. Plant Health Care Technician 6. Utility Line Clearance Tree Trimmer 7. City, County or Municipality Forestry Worker

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply tree biology and physiology to arboriculture practices.
2. Operate equipment safely.
3. Conduct site assessments and assess trees to mitigate risks.
4. Establish and maintain trees and shrubs safely; remove trees and shrubs safely.
5. Apply tree health care treatments.
6. Apply advanced aerial tree work.

Degree Requirements:

Major Core Courses		**Credit Hours:**	(33.5 Required)
LANHT 001 or	Introduction to Landscape Horticulture with Lab (Day)		3
LANHT 001E and	Introduction to Landscape Horticulture (Evening)		3
LANHT 002 or	Plant Materials: Tree ID and Culture with Lab (Day)		3
LANHT 002E and	Plant Materials: Tree ID and Culture (Evening)		3
LANHT 010 and	Insect Pests		3
LANHT 011 and	Plant Diseases and Their Management		3

LANHT 013 or	Arboriculture with Lab (Day)	3
LANHT 013E and	Arboriculture (Evening)	3
LANHT 016 and	Soil Management	3
LANHT 023 and	Plant Terminology	2.5
LANHT 080 and	Urban Forestry	3
LANHT 081 and	Arborist Equipment Fundamentals	2
LANHT 084 and	Applied Structural Pruning	2
LANHT 085 and	Introduction to Climbing and Aerial Tree Work	2
LANHT 086 and	Applied Aerial Tree Work	2
LANHT 088	Tree Care Capstone Seminar	2

Major Elective Courses   **Credit Hours:**   (6 Required)

Select any combination of courses for a minimum of six (6) units from the following:

LANHT 004 or	Plant Materials: Shrubs ID and Culture with Lab (Day)	3
LANHT 004E	Plant Materials: Shrubs ID and Culture (Evening)	3
LANHT 005A or	Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 005EA or	Plant Materials: Fall Native Plant ID and Culture (Evening)	3
LANHT 005B or	Plant Materials: Spring Native Plant ID and Culture with Lab (Day)	3
LANHT 005EB	Plant Materials: Spring Native Plant ID and Culture (Evening)	3
LANHT 206	Landscape Business Practices	3

General Education   **Credit Hours:**   (21 Required)

Total: 60.5

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Laney College

Associate Of Science Degree In Business Administration For Transfer

Overview

College	Laney - Humanities and Social Sciences Division
Originator	Kim Glosson
Award Type	AS-T Degree

Codes and Dates

State Approval Date	4/25/2013
Board of Trustees Date	9/25/2012
Program Control Number	31871
Top Code	0505.00* - Business Administration

Description

The Associate in Science in Business Administration for Transfer Degree is designed to prepare students for a seamless transfer with junior status and priority admission to a local CSU campus to a program or major in Business Administration or similar major for completion of a baccalaureate degree. Students are required to complete:

- Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following:

(A) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements.

(B) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district.

- Obtainment of a minimum grade point average of 2.0. Students must earn a C (or "P") or better for each course in the major or area of emphasis.
- No more than 60 semester units are required.

The Associate in Science in Business Administration for Transfer Degree will also assist Business Administration major students to transfer to a U.C. or other baccalaureate institutions. Students are advised to consult with a counselor to verify transfer requirements.

Career Opportunities

can transfer to a four-year university; administrative supervisor; financial analyst; business consultant

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Analyze a business situation and recommend a solution or plan for improvement, applying legal and ethical principles in business decision making.
2. Obtain information related to the profession using traditional and electronic sources. Synthesize the information into a business report.
3. Analyze data and prepare common business and personal financial reports.

Degree Requirements:

Core Courses (17 units):   **Credit Hours:**   (0 Required)

BUS 001A	Financial Accounting	4
BUS 001B	Managerial Accounting	4
BUS 002	Introduction to Business Law	3
ECON 001	Principles of Economics (Macro-Economics)	3
ECON 002	Principles of Economics (Micro-Economics)	3

Choose one of the following (3-4 units)   **Credit Hours:**   (0 Required)

MATH 013 or	Introduction to Statistics	4
MATH 016A	Calculus for Business and the Life and Social Sciences	3

Require for degree (7 units)   **Credit Hours:**   (0 Required)

BUS 010	Introduction to Business	3
CIS 001	Introduction to Computer Information Systems	4

Credit Hours: (0 Required)

Total Major Units: 27 - 28

Credit Hours: (0 Required)

IGETC or CSU GE-Breadth Education pattern   37 - 39

Credit Hours: (0 Required)

CSU Transferable General Elective Courses to meet 60

Credit Hours: (60 Required)

Total Units: 60

Total: 60

Laney College
Community Change Studies Program

Overview

College	Laney - Humanities and Social Sciences Division
Originator	Dana Grisby
Award Type	Certificate of Proficiency

Codes and Dates

Curriculum Committee Approval Date	9/16/2022
Board of Trustees Date	6/10/2014
Top Code	2203.00 - Ethnic Studies

Description

The Community Change Studies program combines academic course work and experiential learning to prepare students for careers in community development and related efforts to impact the quality of life in low-income communities and communities of color. The program is designed to equip students with the foundational knowledge and practical skills they will need to take on increasing levels of responsibility in careers in community organizing, development, and other efforts to involve residents, parents, youth and other stakeholders as leaders and practitioners in improving education, public health, housing, jobs creation and other conditions in their communities. Students will engage in academic classroom work with a community engagement component as well as 120 hours of on-site learning (paid internship) at a local community organizing or community development organization.

Career Opportunities

Community Change Studies graduates will have strong backgrounds for careers in nonprofit, public policy, and systems level work and for academic study at four-year institutions. They will work directly with public and private agencies to build the capacity of individuals and organizations in the East Bay. Many of these positions will be in the nonprofit industry, which, according to the National Center for Charitable Statistics, accounts for 9.2% of all wages and salaries paid in the U.S. Some jobs will also be in in human services, where the U.S. Bureau of Labor Statistics projects a 23% growth between 2008 and 2018; these professions include individual and family services, mental health, a range of community rehabilitation services, state government agencies, and community-based organization advocates.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. 1.Describe the history of different types of organized efforts to bring about people-driven social change: social movements, community organizing, electoral work, identity organizing, issue organizing and/or constituency-driven policy work.

2. Execute key values and concepts of community change work, such as developing participatory, democratic organizations; enhancing human dignity and justice; and developing people's civic participation and voice.

3. Apply critical thinking, strategy development and reflective practice to better access, evaluate, and interpret ideas; to communicate effectively; reach informed conclusions; and solve problems as a responsible global citizen in public service, community leadership, or community development.

4. Analyze how community organizing and development approaches may differ by culture and tradition; how race, ethnicity, class, gender and other factors influence organizing; the use of cultural expression in organizing; and strategies for working within a single culture and multiculturally.

5. Describe the community, where they are working and its broader context, including the political/economic/social trends, structures and actors that affect the community and its regional, state, national and global contexts.

6. Appraise their own social identity and how social class, race, ethnicity, gender, bias, power and privilege play out in their contexts and for the community residents with whom they are working.

Degree Requirements:

Credit Hours: (15 Required)

ETHST 001	Introduction to Ethnic Studies	3
ETHST 012	Economics and Social Change: Racial Conflict and Class in America	3
ETHST 013	Introduction to Community Based Research in Urban America	3
ETHST 014	Community Building and Transformation in Urban America	3
COPED 451	Occupational Work Experience	3

Total: 15

Laney College
Humanities

Overview

College	Laney - Humanities and Social Sciences Division
Originator	Amir Sabzevary
Award Type	A.A. Degree

Description

Coursework in Humanities emphasizes the study of cultural and artistic expression. Students will learn to evaluate and interpret the ways in which people throughout history and across different cultures have represented themselves and the world around them through a variety of expressive forms. Further, students will develop their aesthetic sensibilities and increase their capacity to make informed value judgments. For the Associate of Humanities, students must complete the General Education pattern and elective courses for an additional 42 units. Students must complete 18 units in the area of emphasis courses with a grade of "C" or better, 19 units of general education requirements, and an additional 23 units of elective courses for a total of 60 units. As this degree alone may not be complete preparation for transfer, students wishing to continue at the UC or CSU system should meet with a counselor to develop a transfer plan which addresses all general education and lower-division transfer requirements.

Career Opportunities

This general concentration forms an excellent basis for a broad liberal arts education and has been the chosen mode of preparation for successful careers in such diverse areas as university teaching, government, education, medicine, consulting, publishing, business, and finance.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Research and articulate the core philosophical, religious and artistic expressions within the humanistic traditions.
2. Apply the appropriate lexicon to discuss philosophical, religious and artistic expressions within cultural socio-economic-historical contextual terms.
3. Critically analyze philosophical, religious and artistic expressions within the humanistic traditions and conduct a cogent argument with a clear thesis that anticipates and responds to key objections.

Degree Requirements:

Select a minimum of 18 units from at least two discipline **Credit Hours:** (0 Required)
African American Studies

AFRAM 018	African Heritage of Latin America [*]	3
AFRAM 026	African American Culture: Black Music, Art, and Literature	3
AFRAM 029	African American Experience Through Films	3
AFRAM 045	Religion and the African American Church in America	3

Credit Hours: (0 Required)
Anthropology

ANTHR 007	Magic, Religion and Witchcraft	3

Credit Hours: (0 Required)
Architecture

ARCH 107	Architectural History and Theory	3

Credit Hours: (0 Required)
Art

ART 001	Introduction to Art History	3
ART 002	History of Western Art: Prehistoric Through the Middle Ages	3
ART 003	History of Western Art: Renaissance to Contemporary Art	3

ART 004	History of Modern Art (1800 to Present)	3
ART 005	History of Asian Art (Past to Present)	3
ART 007	History of African American Art (Past to Present)	3
ART 040	Color Dynamics: The Interaction of Color	3
ART 141	Eco Art Matters-Beginning	3
ART 144	Eco Art Matters Continuing Food and Water	3
ART 145	Advanced EcoArt Matters: Community Outreach and Collaboration	3

Credit Hours: (0 Required)

Asian and Asian American Studies

ASAME 010	Asian and Asian American Popular Culture	3
ASAME 030	Asians and Asian-Americans Through Films	3

Credit Hours: (0 Required)

Chinese

CHIN 001	Elementary Chinese (Mandarin)	5
CHIN 002	Elementary Chinese (Mandarin) (Continuation)	5
CHIN 003	Intermediate Chinese (Mandarin)	5
CHIN 004	Intermediate Chinese (Mandarin) (Continuation)	5
CHIN 040A	Conversational Chinese (Mandarin)	3
CHIN 040B	Conversational Chinese (Mandarin)	3

Credit Hours: (0 Required)

Communication

COMM 002A	The Fundamentals of Oral Interpretation of Literature	3
COMM 019	Survey of Mass Media **	3

Credit Hours: (0 Required)

Dance

DANCE 001	History of Dance	3
DANCE 007	Dance Study Abroad	5

Credit Hours: (0 Required)

English

ENGL 001B	Composition and Reading	4
ENGL 010A	Creative Writing	3
ENGL 010B	Creative Writing	3
ENGL 017A	Shakespeare	3
ENGL 017B	Shakespeare	3
ENGL 030A	Introduction to American Literature	3
ENGL 030B	Introduction to American Literature	3
ENGL 031	Survey of African-American Literature	3
ENGL 043	Introduction to the Study of Poetry	3
ENGL 210A	Creative Writing	3
ENGL 217A	Shakespeare	3
ENGL 217B	Shakespeare	3
ENGL 230A	Introduction to American Literature	3
ENGL 230B	Introduction to American Literature	3
ENGL 231	Survey of African-American Literature	3

Credit Hours: (0 Required)

French

FREN 001A	Elementary French	5
FREN 001B	Elementary French	5
FREN 002A	Intermediate French	5
FREN 030A	Beginning Conversational French	3
FREN 030B	Beginning Conversational French (Continuation)	3

Credit Hours: (0 Required)

Humanities

HUMAN 006	Introduction to the New Testament	3
HUMAN 007	Introduction to the Old Testament	3
HUMAN 016	Introduction to Islam	3
HUMAN 030A	Human Values/Ethics	3
HUMAN 030B	Human Values/Aesthetics	3
HUMAN 031A	Arts and Ideas of Western Culture	3
HUMAN 040	Religions of the World	3

Credit Hours: (0 Required)

Japanese

JAPAN 001A	Elementary Japanese	5
JAPAN 002A	Intermediate Japanese	5
JAPAN 050A	Japanese Language and Culture	3
JAPAN 050B	Conversational Japanese and Culture	3

Credit Hours: (0 Required)

Journalism

JOURN 062	Survey of Mass Media **	3

Credit Hours: (0 Required)

Mexican and Latin-American Studies

M/LAT 030A	Survey of Latin-American Films	3
M/LAT 030B	Survey of Latin-American Films	3
M/LAT 032	African Heritage of Latin America *	3
M/LAT 036	Survey of Latina/o Literature	3
M/LAT 037	Latinx Culture: Music, Art, and Theater	3
M/LAT 038	Introduction to Curanderismo: Sacred Healing Traditions and Practices of Mexico and the Southwest United	3

Credit Hours: (0 Required)

Music

MUSIC 008A	Music History: Antiquity Through the Renaissance	3
MUSIC 008B	Music History: The Baroque and Classical Eras	3
MUSIC 008C	Music History: The Romantic Era	3
MUSIC 008D	Music History: The Twentieth Century Through the Present	3
MUSIC 010	Music Appreciation	3
MUSIC 015A	Jazz, Blues and Popular Music in the American Culture	3
MUSIC 015B	Jazz, Blues, and Popular Music in the American Culture	3
MUSIC 051A	Music History I: Antiquity to 1750	3
MUSIC 051B	Music History II: 1750 to Present	3
MUSIC 100	Music Fundamentals and Culture	3
MUSIC 101	Music Theory and Culture I	3
MUSIC 102	Music Theory and Culture II	3
MUSIC 103	Music Theory and Culture III	3

MUSIC 104	Music Theory and Culture IV	3

	Credit Hours:	(0 Required)

Philosophy

PHIL 001	Introduction to Philosophy	3
PHIL 002	Social and Political Philosophy	3
PHIL 004	Philosophy of Religion	3
PHIL 006	Introduction to the Philosophy of Self and Emotions	3
PHIL 010	Logic	3
PHIL 014	Introduction to the Philosophy of Death	3
PHIL 020A	History of Ancient Greek Philosophy	3
PHIL 020B	History of Modern European Philosophy	3
PHIL 037	Introduction to Asian Philosophy	3

	Credit Hours:	(0 Required)

Photography

PHOTO 025	Looking at Images: History and Aesthetics of Photography	3

	Credit Hours:	(0 Required)

Spanish

SPAN 001A	Elementary Spanish	5
SPAN 001B	Elementary Spanish	5
SPAN 002A	Intermediate Spanish I	5
SPAN 002B	Intermediate Spanish II	5
SPAN 022A	Spanish for Bilingual Speakers I	5
SPAN 022B	Spanish for Bilingual Speakers II	5
SPAN 030A	Beginning Conversational Spanish	3
SPAN 030B	Beginning Conversational Spanish	3
SPAN 033A	Beginning Conversational Nauatl	3
SPAN 033B	Intermediate Nauatl Language and Culture	3
SPAN 033C	Advanced Conversational Nauatl	3
SPAN 036A	Introduction to Aztec-Mexica Culture and Nauatl Language I	5
SPAN 036B	Introduction to Aztec-Mexica Culture and Nauatl Language II	5
SPAN 040	Hispanic Civilization and Culture	3
SPAN 053A	Beginning Mam Language and Culture	5
SPAN 053B	Intermediate Mam Language and Culture	5
SPAN 053C	Advanced Mam Language and Culture	5

	Credit Hours:	(0 Required)

Theater Arts

THART 002	Introduction to the Theatre Arts	3
THART 011	Principles and Theory of Improvisation	3
THART 021	Acting I	3

	Credit Hours:	(0 Required)
Total Major units		18

	Credit Hours:	(0 Required)
General Education requirements		19

	Credit Hours:	(0 Required)
Electives to meet 60 units		

Credit Hours: (60 Required)

Total Units   60

Total: 60

*: Students will receive credit for one course only.
**: Students will receive credit for one course only

Merritt College
Tree Care Specialist

Overview

College	Merritt - Division II
Originator	Laura Forlin
Award Type	Certificate of Achievement

Codes and Dates

Curriculum Committee Approval Date	9/08/2022
Current Effective Date	8/01/2023
Program Control Number	36514
Top Code	0109.00* - Horticulture

Description

This one year Tree Care Specialist Certificate Program trains students to work in the following fields/jobs: Tree care specialist/worker with certification; ground worker; arborist; plant health care technician; utility arborist; sales and consulting; city, county or municipal forester. The curriculum provides a strong foundation in basic horticultural principles, plant biology and physiology, tree ID, and urban forestry concepts; industry standard skills and practices related to safe work practices, trees/shrub maintenance, such as pruning, planting, establishment; small equipment use, tree health care and tree risk assessment.

Career Opportunities

TREE CARE INUDSTRY ESTABLISHED POSITIONS AND JOB TITLES: 1. Tree care specialist; 2. Plant health care technician; 3. Ground worker; 4. Sales and consulting; 5. Arborist (certified by ISA); 6. Utility arborist; 7. Urban forester.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply tree biology and physiology to arboriculture practices.
2. Conduct site assessments and assess trees to mitigate risks.
3. Apply tree health care treatments.
4. Establish and maintain trees and shrubs safely.

Degree Requirements:

Major Core Courses		**Credit Hours:**	(20.5 Required)
LANHT 001 or	Introduction to Landscape Horticulture with Lab (Day)		3
LANHT 001E and	Introduction to Landscape Horticulture (Evening)		3
LANHT 002 or	Plant Materials: Tree ID and Culture with Lab (Day)		3
LANHT 002E and	Plant Materials: Tree ID and Culture (Evening)		3
LANHT 013 or	Arboriculture with Lab (Day)		3
LANHT 013E and	Arboriculture (Evening)		3
LANHT 023 and	Plant Terminology		2.5
LANHT 080 and	Urban Forestry		3
LANHT 081 and	Arborist Equipment Fundamentals		2
LANHT 084 and	Applied Structural Pruning		2
LANHT 085	Introduction to Climbing and Aerial Tree Work		2

Total: 20.5

Merritt College
Tree Climber Specialist

Overview

College	Merritt - Division II
Originator	Laura Forlin
Award Type	Certificate of Achievement

Codes and Dates

Curriculum Committee Approval Date	9/08/2022
Current Effective Date	8/01/2023
Program Control Number	36515
Top Code	0109.00* - Horticulture

Description

This Tree Climber Specialist Certificate of Achievement prepares workers for careers linked to urban forestry related occupations, including arborist, arboriculture, tree care specialist, tree trimming, grounds maintenance, aerial tree work, crew leader and other identified occupations. This program follows an industry validated training model which combines classroom learning, and hands-on skill development in school shops/labs and training centers. The curriculum provides a strong foundation in basic horticultural principles, plant biology and physiology, tree ID, and urban forestry concepts; industry standard skills and practices related to safe work practices, trees/shrub maintenance, tree removal, advanced climbing skills, small and large equipment use, and leadership skills.

Career Opportunities

Tree Care Industry Established Positions and Job Titles: 1. Tree Care Specialist/Worker with Certification 2. Ground worker 3. Arborist (Certified) 4. Tree Climber 5. Plant Health Care Technician 6. Utility Line Clearance Tree Trimmer 7. City, County or Municipality Forestry Worker

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

1. Apply tree biology and physiology to arboriculture practices.
2. Operate equipment safely.
3. Conduct site assessments and assess trees to mitigate risks.
4. Establish and maintain trees and shrubs safely; remove trees and shrubs safely.
5. Apply tree health care treatments.
6. Apply aerial tree work skills.

Degree Requirements:

Major Core Courses		Credit Hours: (33.5 Required)	
LANHT 001 or	Introduction to Landscape Horticulture with Lab (Day)		3
LANHT 001E and	Introduction to Landscape Horticulture (Evening)		3
LANHT 002 or	Plant Materials: Tree ID and Culture with Lab (Day)		3
LANHT 002E and	Plant Materials: Tree ID and Culture (Evening)		3
LANHT 010 and	Insect Pests		3
LANHT 011 and	Plant Diseases and Their Management		3
LANHT 013 or	Arboriculture with Lab (Day)		3

LANHT 013E and	Arboriculture (Evening)	3
LANHT 016 and	Soil Management	3
LANHT 023 and	Plant Terminology	2.5
LANHT 080 and	Urban Forestry	3
LANHT 081 and	Arborist Equipment Fundamentals	2
LANHT 084 and	Applied Structural Pruning	2
LANHT 085 and	Introduction to Climbing and Aerial Tree Work	2
LANHT 086 and	Applied Aerial Tree Work	2
LANHT 088	Tree Care Capstone Seminar	2

Major Elective Courses   **Credit Hours:**   (6 Required)

Select any combination of courses for a minimum of six (6) units from the following:

LANHT 004 or	Plant Materials: Shrubs ID and Culture with Lab (Day)	3
LANHT 004E	Plant Materials: Shrubs ID and Culture (Evening)	3
LANHT 005A or	Plant Materials: Fall Native Plant ID and Culture with Lab (Day)	3
LANHT 005EA or	Plant Materials: Fall Native Plant ID and Culture (Evening)	3
LANHT 005B or	Plant Materials: Spring Native Plant ID and Culture with Lab (Day)	3
LANHT 005EB	Plant Materials: Spring Native Plant ID and Culture (Evening)	3
LANHT 206	Landscape Business Practices	3

Total: 39.5

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