



# Merritt College

## 2017 - 2019 Catalog Supplement



# 2017-2019 CATALOG



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## **ABOUT THIS SUPPLEMENT**

The Merritt College Catalog Supplement for 2017-2019 is a summary of additions, deactivations, corrections, and changes that have been made in curriculum and policies affecting students since the publication of the 2017-2019 Catalog. Changes to curriculum are made on an ongoing basis throughout the academic year and are usually effective for a subsequent term. All individual course additions and changes show the effective term at the end of each entry. All program additions and changes show the effective term after the program title.

## **ACCURACY STATEMENT**

Merritt College endeavors to accurately and fairly present its programs, course descriptions, schedules and policies and to ensure that all information presented here is correct and current as of the date of its release. Merritt College assumes no responsibility for administrative or publication errors. In addition, Merritt College reserves the right to add, amend, modify or withdraw any of its policies, course descriptions, class schedules or other information reflected here from time to time. Please check our website at [www.merritt.edu/wp/catalog](http://www.merritt.edu/wp/catalog) for our catalog supplement and the most current, available information.

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**COURSE ADDITIONS**

<b>SUBJECT/ NUMBER</b>	<b>COURSE TITLE/INFORMATION</b>	<b>EFFECTIVE TERM</b>
<b>ADJUS 248NE</b>	<p><b>Public Safety Dispatcher Basic Training</b>            5 units, 4.8 hours lecture, 2.05 hours laboratory (P/NP)</p> <p>Role and function of the Public Safety Dispatcher and the skills needed to effectively perform duties and responsibilities of the position: Management and prioritization of radio traffic, evaluation of call information, and operational components of communications system and equipment; basic elements of a crime and an attempt to commit a crime, as well as components and function of the criminal justice system. 2105.00</p>	<b>Summer 2018</b>
<b>BIOL 061R</b>	<p><b>Nudibranchs of the Greater Bay Area</b>            0.5 units, 0.5 hours lecture (GR or P/NP)            Acceptable for credit: CSU</p> <p>Introduction to Nudibranchs of the Greater Bay Area: Species identification and life histories. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062J</b>	<p><b>Natural History of Mt. Whitney and the Southern High Sierra</b>            Variable 0.5 to 2.5 units, 0.5 to 2.5 hours lecture (GR or P/NP)            Acceptable for credit: CSU</p> <p>Introduction to the natural history of the highest peak in the contiguous 48 states and the adjacent Sierra crest: Climate, geology, geologic history, geomorphology, plant communities, ecology, characteristic animals and conservation issues of the region. Emphasis on glacial landscape features and conservation efforts for the Sierra Nevada Bighorn Sheep, a state and federal endangered species. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062S</b>	<p><b>Natural History of the Islands of California</b>            2 units, 2 hours lecture (GR or P/NP)            Acceptable for Credit: CSU/UC</p> <p>Biogeography of California's islands: botany, zoology, and geology of the Channel Islands, Farallon Islands, and San Francisco Bay Islands. 0408.00</p>	<b>Spring 2018</b>

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<b>SUBJECT/ NUMBER</b>	<b>COURSE TITLE/INFORMATION</b>	<b>EFFECTIVE TERM</b>
<b>BIOL 062T</b>	<p><b>Ecology of Mono Lake and the Mono Craters</b>            1.5 units, 1.5 hours lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Pleistocene salt lake in the Great Basin Desert of Eastern California: Climate; geology; flora; fauna; history; controversies; and conservation. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062U</b>	<p><b>Natural History of the Giant Sequoia in Yosemite and Sequoia/Kings Canyon National Parks</b>            1.5 units, 1.5 hours lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Iconic tree species, endemic to California: Classification; genetic relationships; anatomical and physiological characteristics; geologic history; environment; adaptations; community relationships; threats and exploitation; conservation. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062V</b>	<p><b>Ecology of the Mammoth Lakes Sierra and the Ritter Range</b>            1.5 units, 1.5 hours lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Glaciers, volcanoes, alpine lakes, dense subalpine forests: High country geology, glacial landscapes, flora, fauna, ecology and conservation on and east of the Sierra crest. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062W</b>	<p><b>Natural History of the Ice Age National Scenic Trail and Ice Age National Scientific Reserve, Wisconsin</b>            1 unit, 1 hour lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Best and most accessible continental glacial landscape features in the world: Moraines; kettle lakes; kames; eskers; drumlins; glacial erratics; glacial outwash; and glacial lakes. 0408.00</p>	<b>Spring 2018</b>

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<b>SUBJECT/ NUMBER</b>	<b>COURSE TITLE/INFORMATION</b>	<b>EFFECTIVE TERM</b>
<b>BIOL 062X</b>	<p><b>Natural History of Headwaters Forest</b>            1.5 units, 1.5 hours lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Pristine old-growth Coast Redwood forest near Arcata: Climate; geology; Redwood ecology; history; political struggle; conservation; and preservation. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 062Y</b>	<p><b>Natural History of Arches National Park</b>            1 unit, 1 hour lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Unparalleled landscape features in the canyonlands of Southeastern Utah: Natural arches; natural bridges; wild and scenic rivers; high desert wildlife; comparison of hot deserts with cold deserts. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 065E</b>	<p><b>Natural History of the Japan Alps</b>            1 unit, 1 hour lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Central Japan's mountain spine, the South, Central and North Alps of Honshu: Pacific Rim geology; expansive mountain vistas; dense forests; wildlife, including Japanese macaques; temples; ancient pilgrimage routes; and hot springs. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 065F</b>	<p><b>Natural History of Tahiti (French Polynesia)</b>            1 unit, 1 hour lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Overview of geology, flora, and fauna of Tahiti: French Polynesia; botany; zoology; biogeography. 0408.00</p>	<b>Spring 2018</b>
<b>BIOL 260</b>	<p><b>Biology Success Skills</b>            0.5 – 1 unit, 0.5 – 1 hour lecture (GR or P/NP)</p> <p>Study of topics basic to biology: Biological chemistry, cell structure and function, genetics, and use of the microscope. 4930.14</p>	<b>Spring 2018</b>

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<b>BIOSC 059</b>	<p><b>My Genome</b> 3 units, 3 hours lecture (GR or P/NP)</p> <p>Survey of genotypes, phenotypes and ancestry assessed through a student's personal genome. 4902.00</p>	<b>Spring 2018</b>
<b>CIS 007</b>	<p><b>Control Structures and Objects</b> 4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP) Recommended Preparation: CIS 005</p> <p>Introduction to computer programming: Algorithm design through use of control structures, flow charting, and debugging; elements of good programming style; introduction to Object Oriented Programming (OOP) through the design and implementation of objects that interact using well-defined interfaces to solve a problem; course may be instructed in any object-oriented programming language such as C++, Java, or Python; first in a sequence of contextualized STEM Core computer science curriculum for High Performance Computing (HPC). 0706.00</p>	<b>Fall 2018</b>
<b>CIS 008</b>	<p><b>Introduction to Parallel and Cloud Programming</b> 4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP) Prerequisite: CIS 006 Recommended Preparation: MATH 011 Acceptable for credit: CSU</p> <p>Programming fundamentals of using multiple processors or computers to solve a problem: Mechanics of computation, multi-tasking and multi-threading and object-oriented approaches to managing many computing elements working on the same problem. Programming for Cloud computation, Cluster computation, Big Data, Machine Learning, and highly parallel computing hardware, e.g. multi-core processors and Graphics Processing Units. 0701.00</p>	<b>Fall 2018</b>

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CIS 011	<p><b>Discrete Structures and Logic</b>            4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP)            Prerequisite: CIS 006 and CIS 033            Acceptable for credit: CSU</p> <p>Discrete structures used in Computer Science with an emphasis on their applications: Functions, relations and sets; basic logic; proof techniques; basics of counting; graphs and trees; and discrete probability. 0706.00</p> <p>Not open for credit to students who have completed or are currently enrolled in MATH 11.</p>	<p><b>Spring 2019Fall 2018</b></p>
CIS 033	<p><b>Software Architectures and Algorithms</b>            4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP)            Prerequisite: CIS 006            Acceptable for credit: CSU</p> <p>Design and development of large programs: Systematic data abstraction, strongly typed data and data structures, object declaration models, inheritance and polymorphism, information hiding, managed frameworks and libraries such as the Standard Template Library (STL), object life cycles and garbage collection, recursion, well-defined algorithms, collections and iterator abstraction, strategies for code re-use, testing, UML and software engineering principles. 0706.00</p>	<p><b>Fall 2018</b></p>
CIS 078	<p><b>Digital Architectures for Computation</b>            4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP)            Prerequisite: CIS 006            Recommended Preparation: CIS 072, MATH 011            Acceptable for credit: CSU</p> <p>Organization of digital circuits and computing architectures: Fundamentals of digital circuits, combinational logic and sequential logic; processor components and processing architectures such as Von Neumann and Harvard architecture; control unit instruction word decoding and Instruction Level Parallelism (ILP); high level, assembly, and machine code; memory addressing modes, performance, and memory models; Random Access Model (RAM) and Candidate Type Architecture (CTA); analysis of single threaded code. 0706.00</p>	<p><b>Fall 2018</b></p>



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CIS 093	<p><b>Cross Platform Mobile Application Development</b>            4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP)            Prerequisite: CIS 006 and CIS 033            Recommended Preparation: CIS 078            Acceptable for credit: CSU, UC Elective-Computer Science</p> <p>Designing and implementing mobile applications: Training on frameworks such as Xamarin, Unity, XDK, Cordova and others, enabling the same code run on several different mobile platforms such as IOS, Android, Windows Mobile, or XBOX. 0701.00</p>	Fall 2018
CIS 106A	<p><b>Routing and Switching Networks</b>            3 units, 2 hours lecture, 3 hours laboratory (GR)            Recommended Preparation: CIS 005</p> <p>Introduction to network and inter-network (Internet) architecture: Identification of structures, components, and models that permit devices on separate networks to inter-operate; use and application of standards such as Open Systems Interconnection (OSI); transport Control Protocol (TCP), and Internet Protocol (IP). 0702.00</p>	Fall 2018
CIS 106B	<p><b>Scaling Networks</b>            3 units, 2 hours lecture, 3 hours laboratory (GR)            Prerequisite: CIS 106A            Recommended Preparation: CIS 005            Acceptable for credit: CSU</p> <p>Architecture, components, and operations of routers and switches: Controlling the flow of information between complex networks; configuration and troubleshooting of routers and switches for advanced functionality with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks; implementing a WLAN in a small-to-medium network. 0702.00</p>	Fall 2018

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CIS 106C	<p><b>Connecting Networks</b>            3 units, 2 hours lecture, 3 hours laboratory (GR)            Prerequisite: CIS 106B            Recommended Preparation: CIS 073            Acceptable for credit: CSU</p> <p>Management of Wide Area Networking (WAN) Technologies and Services: Creation of complex and converged networks and applications; establish selection and performance criteria for network devices; monitor and troubleshoot network devices; resolution of common issues with data link protocols, IPSec and virtual private network (VPN) operations. 0702.00</p>	Fall 2018
CIS 178	<p><b>Build Automation for DevOps &amp; QA</b>            4 units, 3 hours lecture, 3 hours laboratory (GR or P/NP)            Prerequisite: CIS 005 or CIS 006            Recommended Preparation: CIS 072            Acceptable for credit: CSU</p> <p>Design and integration of applications development (Dev) tools and Operations tools (Ops) into automated control systems: monitoring of Source Code Management (SCM) repositories for changes to initiate automate software build, infrastructure provisioning, or configuration updates. Creation of Virtual Machines suitable for on-the-job use through hands-on project based learning. Apply best practices for toolchain configuration, monitoring, and testing software for Quality Assurance (QA). 0701.00</p>	Fall 2018
COPED 451	<p><b>Occupational Work Experience</b>            1-4 units, 3.43 - 17.15 hours laboratory (GR or P/NP)            Acceptable for credit: CSU</p> <p>Supervised employment of students extending classroom-based occupational learning at an on-the-job learning station relating to the students' educational or occupational goals. Course study under this section may be repeatable three times for a maximum of 16 units for occupational or a combination of general and occupational work experience education (including Regular and Alternate Plan and General/Occupational/Apprentice Work Experience). 4932.00</p>	Fall 2018

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<b>EDT 502 Noncredit</b>	<p><b>Introduction to Online Learning</b> 0 units, 1 hour lecture (P/NP)</p> <p>Online learning literacy: Basic skills required to learn online, LMS functions and online communication. 0801.00</p>	<b>Fall 2018</b>
<b>ESOL 261A</b>	<p><b>Listening and Speaking 1</b> 4 units, 4 hours lecture (GR or P/NP) Prerequisite: Placement through multiple measures assessment process.</p> <p>High beginning level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation and presentation skills. Not open for credit to students who have completed ESL 283A. 4930.86</p>	<b>Fall 2018</b>
<b>ESOL 261B</b>	<p><b>Listening and Speaking 1</b> 4 units, 4 hours lecture (GR or P/NP) Prerequisite: ESOL 261A or ESL 283A</p> <p>Continuation of ESOL 261A: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation and presentation skills. Not open for credit to students who have completed or are currently enrolled in ESL 283B. 4930.86</p>	<b>Fall 2018</b>
<b>ESOL 262A</b>	<p><b>Listening and Speaking 2</b> 4 units, 4 hours lecture (GR or P/NP) Prerequisite: ESOL 261B or ESL 283B or placement through multiple measures assessment process.</p> <p>Intermediate level listening and speaking: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation, and presentation skills. Not open for credit to students who have completed ESL 232A. 4930.86</p>	<b>Fall 2018</b>

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<b>ESOL 262B</b>	<p><b>Listening and Speaking 2</b>            4 units, 4 hours lecture (GR or P/NP)            Prerequisite: ESL 232A or ESOL 262A</p> <p>Continuation of ESOL 262A: Improving fluency and accuracy in American English through listening comprehension, grammar, vocabulary, idioms, pronunciation and presentation skills. Not open for credit to students who have completed or are currently enrolled in ESL 232B. 4930.86</p>	<b>Fall 2018</b>
<b>ESOL 271A</b>	<p><b>Grammar 1</b>            4 units, 4 hours lecture (GR or P/NP)            Prerequisite: Placement through multiple measures assessment process.</p> <p>High beginning level of English grammar: Basic grammar structures, sentence patterns and parts of speech. Not open for credit to students who have completed ESL 284A. 4930.87</p>	<b>Fall 2018</b>
<b>ESOL 271B</b>	<p><b>Grammar 1</b>            4 units, 4 hours lecture (GR or P/NP)            Prerequisite: ESOL 271A or ESL 284A</p> <p>Continuation of ESOL 271A: Basic grammar structures, sentence patterns and parts of speech. Not open for credit to students who have completed or are currently enrolled in ESL 284B. 4930.87</p>	<b>Fall 2018</b>
<b>ESOL 272A</b>	<p><b>Grammar 2</b>            4 units, 4 hours lecture (GR or P/NP)            Prerequisite: ESOL 271B or ESL 284B or placement through multiple measures assessment process</p> <p>Intermediate level of English grammar: Introduction to complex grammar structures and sentence patterns. Not open for credit to students who have completed ESL 215A. 4930.87</p>	<b>Fall 2018</b>

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<b>ESOL 272B</b>	<p><b>Grammar 2</b> 4 units, 4 hours lecture (GR or P/NP) Prerequisite: ESL 215A or ESOL 272A</p> <p>Continuation of ESOL 272A: Introduction to complex grammar structures and sentence patterns. Not open for credit to students who have completed or are currently enrolled in ESL 215B. 4930.87</p>	<b>Fall 2018</b>
<b>ESOL 541A Noncredit</b>	<p><b>Bridge to Credit ESOL – Level 1</b> 0 units, 5.5 hours lecture (P/NP)</p> <p>Introduction to basic English through the context of daily life activities: Listening, speaking, reading, and writing; basics of language structures, form, computer literacy, classroom culture and study skills within the context of personal information and circumstances. 4930.87</p>	<b>Spring 2019</b>
<b>ESOL 541B Noncredit</b>	<p><b>Bridge to Credit ESOL – Level 2</b> 0 units, 5.5 hours lecture (P/NP)</p> <p>Continuation of ESOL 541A: Listening, speaking, reading, and writing; basics of language structures and form, computer literacy, classroom culture and study skills within the context of jobs. 4930.87</p>	<b>Spring 2019</b>
<b>ESOL 541C Noncredit</b>	<p><b>Bridge to Credit ESOL – Level 3</b> 0 units, 5.5 hours lecture (P/NP)</p> <p>Continuation of ESOL 541B: Listening, speaking, reading, and writing; basics of language structures, form, computer literacy, classroom culture and study skills within the context of academic life. 4930.87</p>	<b>Spring 2019</b>
<b>ESOL 541D Noncredit</b>	<p><b>Bridge to Credit ESOL – Level 4</b> 0 units, 5.5 hours lecture (P/NP)</p> <p>Continuation of ESOL 541C: Listening, speaking, reading, and writing; basics of language structures, form, computer literacy, classroom culture and study skills within the context of life experience. 4930.87</p>	<b>Spring 2019</b>

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<b>KIN 037A</b>	<p><b>Core and Restore I – Fundamentals</b> 0.5 units, 2 hour laboratory (GR or P/NP) Acceptable for credit: CSU</p> <p>Activity class: Development of fundamental abdominal and core strength and stability in conjunction with using a roller to decrease stress and muscle tension throughout the body, as well as providing muscular rehabilitation. 0835.00</p>	<b>Summer 17</b>
<b>LANHT 007E</b>	<p><b>Plant Materials: Conifer ID and Culture (Evening)</b> 3 units, 3 hours lecture (GR or P/NP) Recommended Preparation: LANHT 1 or LANHT 1E; and LANHT 23</p> <p>Identification and culture of conifers used in the landscape: Climate, soil, and water preferences; garden culture; pest and disease problems; and pruning and propagation. Slide presentations substituted for laboratory. Not open for credit to students who have completed or are currently enrolled in LANHT 007. 0109.00</p>	<b>Spring 2018</b>
<b>LANHT 080</b>	<p><b>Urban and Community Forestry</b> 2 units, 2 hours lecture (GR or P/NP)</p> <p>Foundations of urban and community forestry: Technology used in the field by arborists; appraisal and value of urban vegetation; planning for, managing, and applying work practices performed by practitioners in community forestry and urban forestry; urban forestry policies and vegetation ordinances; best practices for local community resources supporting urban forestry. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 081</b>	<p><b>Arborist Equipment Fundamentals</b> 2 units, 1 hour lecture, 3 hours laboratory (GR or P/NP)</p> <p>Fundamentals of equipment used in the arborist trade: Chain saws, chippers, plant health care equipment, and aerial lift; truck driving and bucket truck operations; equipment maintenance; equipment safety and safe work practices. 0109.00</p>	<b>Fall 2018</b>

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<b>LANHT 082</b>	<p><b>Tree Health Care</b> 2 units, 2 hours lecture (GR or P/NP)</p> <p>Exploration of tree health care: Tree management, treatment options, and prescriptions; integrated pest management; plant nutrition; equipment for treatment applications; soil amendment; managing tree construction damage; integrated vegetation management standards; tree risk assessment; and tree hazard management. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 083</b>	<p><b>Large Equipment Operations for Arborists</b> 3 units, 2 hours lecture, 3 hours laboratory (GR or P/NP) Prerequisite: LANHT 081 and LANHT 084 and LANHT 086</p> <p>Introduction to large-scale arboriculture equipment: Driving trucks and trailers; operation of lifts, stump grinders, and accessory equipment such as log loaders, booms, and cranes; rigging equipment, techniques, and safety; safe tree removal; felling trees and large limb felling. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 084</b>	<p><b>Pruning for Urban and Community Forestry</b> 1 unit, 3 hours laboratory (GR or P/NP) Prerequisite: LANHT 026</p> <p>Principles and practices in pruning for urban and community forestry: Tree care pruning standards and application of those standards to various tree care situations; trees assessment for pruning needs; types of pruning cuts and how to perform the cuts properly; commercial, municipal, and utility applications for pruning; application of pruning practices for specific tree species. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 085</b>	<p><b>Introduction to Climbing and Aerial Tree Work</b> 2 units, 1 hour lecture, 3 hours laboratory (GR or P/NP)</p> <p>Practices and techniques of tree climbing and aerial tree work: Pre-climb inspections; climbing equipment for safety; rope installations; ascending skills; re-positioning skills; maneuvering techniques; descending skills; knots for various situations and applications; emergency response procedures including aerial rescue basic concepts. 0109.00</p>	<b>Fall 2018</b>

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<b>LANHT 086</b>	<p><b>Applied Aerial Tree Work</b> 2 units, 1 hour lecture, 3 hours laboratory (GR or P/NP) Prerequisite: LANHT 085</p> <p>Strategies and techniques of applied aerial tree work: Safe work practices; operating chain saws in an aerial situation; performing pruning cuts at heights; rigging loads during aerial work; climbing in spurs; decision-making for aerial pruning cuts and tree care; aerial rescue training. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 087</b>	<p><b>Advanced Aerial Tree Work</b> 2 units, 1 hour lecture, 3 hours laboratory (GR or P/NP) Prerequisite: LANHT 013 and LANHT 083 and LANHT 084 and LANHT 086</p> <p>Advanced, hands-on applications of aerial tree work: Emergency response; aerial rescue; storm preparedness; storm damage response; working with wood under tension; tree risks &amp; mechanics; emerging trends impacting the trade and occupation; skill building in advanced or specialized/technical aerial tasks associated with rigging, removal and felling. 0109.00</p>	<b>Fall 2018</b>
<b>LANHT 088</b>	<p><b>Crew Leadership in Arboriculture</b> 1 unit, 3 hours laboratory (GR or P/NP) Prerequisite: LANHT 013 and LANHT 080 and LANHT 082 and LANHT 083 and LANHT 084 and LANHT 086</p> <p>Aspects of crew leadership in arboriculture: Preparation for post-training work duties; examination of key job duties and tasks associated with tree care operations; communications, planning, and leadership; setting up job sites; managing resources; reporting work performed; application of communication and interpersonal skills to various work site situations; interpreting written work orders/plans; application of leadership skills to solve problems; examine strategies for creating safe workplaces and modeling safe cultures for diverse populations. 0109.00</p>	<b>Fall 2018</b>



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<b>SUBJECT/ NUMBER</b>	<b>COURSE TITLE/INFORMATION</b>	<b>EFFECTIVE TERM</b>
<b>MATH 230</b>	<p><b>Elementary and Intermediate Algebra for Business or STEM Majors</b>            6 units, 6 hours lecture, 12 hours laboratory (GR)            Prerequisite: MATH 250 or MATH 253            Acceptable for Credit: CSU</p> <p>Combined course in algebra: Systems of equations: inequalities, graphs and functions; radicals, quadratic polynomials, rational expressions; exponential and logarithmic functions, and problem solving, with emphasis on knowledge skills appropriate for students pursuing a major in STEM (Science, Technology, Engineering, Mathematics) or Business. 1701.00</p>	<b>Spring 2018</b>
<b>MATH 261</b>	<p><b>Pre-Algebra Foundations</b>            5 units, 5 hours lecture (P/NP)</p> <p>Topics from Arithmetic and Pre-Algebra: Use of basic arithmetic in application problems, estimation, the real number system, variables and linear equations, percents, proportions and unit conversion. Not open to students who have taken MATH 253. 1702.00</p>	<b>Fall 2018</b>
<b>MUSIC 015B</b>	<p><b>Jazz, Blues, and Popular Music in the American Culture</b>            3 units, 3 hours lecture (GR or P/NP)            Acceptable for credit: UC/CSU</p> <p>Contemporary music scene with in-depth investigation of trends in artistic expression; music as a revolutionary force; role of the music industry (records, radio, publications); analysis of performances and interviews. 1004.00</p> <p>AA/AS area 3, 5; CSU area C1; IGETC area 3B</p>	<b>Fall 2018</b>
<b>MUSIC 024</b>	<p><b>Jazz History</b>            3 units, 3 hours lecture (GR or P/NP)            Acceptable for Credit: CSU</p> <p>Evolutionary development of jazz music and the artists responsible for its creation: Historical, cultural, and sociological analysis of each style period through extensive guided listening. 1004.00</p>	<b>Summer 2017</b>

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<b>SUBJECT/ NUMBER</b>	<b>COURSE TITLE/INFORMATION</b>	<b>EFFECTIVE TERM</b>
<b>MUSIC 100</b>	<b>Music Fundamentals and Culture</b> 3 units, 3 hours lecture (GR or P/NP) Acceptable for Credit: CSU/UC  Introduction to the notation and primary elements of tonal music of music from history and global culture: Example from music literature will demonstrate staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic scales and triads; and diatonic chords. Development of skills in handwritten notation is expected. History and social context of the above concepts will be discussed. 1004.00	<b>Fall 2018</b>
<b>RADSC 251</b>	<b>Clinical Experience for the Returning Student (First Year)</b> 4 units, 16 hours laboratory (GR) Prerequisite: RADSC 001B and Non Course Requirements: Background check, drug screening, and health clearances [physical examination, and recent negative TB (PPD) skin test or chest X-ray test results, and recent immunization against diphtheria, tetanus, polio, rubeola, rubella, mumps, and chicken pox (varicella)]. Non-degree applicable  Clinical practicum in medical imaging: Review of clinical skills for returning students. 1225.00	<b>Summer 2018</b>

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<b>COURSE MODIFICATIONS</b>			
<b>SUBJECT/ NUMBER</b>	<b>CHANGE FROM:</b>	<b>CHANGE TO:</b>	<b>EFFECTIVE TERM</b>
<b>ADJUS 021</b>	Credit by Exam: No	Credit by Exam: Yes	Summer 2018
<b>ADJUS 022</b>	Credit by Exam: No	Credit by Exam: Yes	Fall 2018
<b>ADJUS 023</b>	Credit by Exam: No	Credit by Exam: Yes	Summer 2018
<b>ADJUS 025</b>	Credit by Exam: No	Credit by Exam: Yes	Spring 2018
<b>ADJUS 057</b>	Credit by Exam: No  Recommended Preparation: ADJUS 021	Credit by Exam: Yes  Recommended Preparation: ADJUS 021 and ENGL 201A or ENGL 201B	Fall 2018
<b>ART 025</b>	Course Title: Beginning Figure Drawing and Composition	Course Title: Fundamentals of Drawing	Fall 2018
<b>ART 166</b>	Course Description: Exploration through drawing of basic plant structures: Recording details of various plant forms; emphasis on rendering form, color, and texture with graphite, ink pen, colored pencils, and watercolor.	Course Description: Exploration through drawing of basic plant structures: Recording details of various plant forms; emphasis on rendering form and texture with graphite pencils, graphite powder, white drawing pencils and ink pens.	Fall 2018
<b>BIOSC 009</b>	Recommended Preparation: BIOL 2	Prerequisite: BIOL 002 or equivalent; or BIOL 020A and BIOSC 002 and BIOSC 005 and BIOSC 010 and BIOL 001	Spring 2018

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<b>COURSE MODIFICATIONS</b>			
<b>SUBJECT/ NUMBER</b>	<b>CHANGE FROM:</b>	<b>CHANGE TO:</b>	<b>EFFECTIVE TERM</b>
<b>BIOSC 055</b>	4 units 3 hours lecture, 3 hours laboratory  Prerequisites: none	5 units 3 hours lecture, 6 hours laboratory  Prerequisite: BIOSC 002 and BIOSC 009 and CHEM 030A	Spring 2018
<b>BIOSC 056</b>	4 units 3 hours lecture, 3 hours laboratory	5 units 3 hours lecture, 6 hours laboratory	Spring 2018
<b>CHEM 001A</b>	GR, P/NP  Prerequisite: MATH 203 or MATH 211D  Recommended preparation: CHEM 030A or CHEM 050	GR only  Prerequisite: Satisfactory score on the chemistry assessment or CHEM 030A or CHEM 050 and satisfactory score on the math assessment or MATH 203 or MATH 211A-D	Spring 17
<b>CIS 005</b>	Top Code: 0701.00	Top Code: 0706.00	Summer 2018
<b>CIS 053</b>	1.5 hours lecture, 5 hours laboratory	2 hours lecture, 3 hours laboratory	Summer 2018
<b>CIS 059</b>	2 hours lecture	2 hours lecture, 3 hours laboratory	Spring 2018
<b>COPED 450</b>	1-3 unit Hours to be arranged	1-4 units 3.43 – 12.86 hours laboratory	Fall 2018
<b>COPED 476A</b>	Hours to be arranged	9 hours laboratory	Fall 2018
<b>COUN 200C</b>	Top code: 4930.10	Top Code: 4930.32	Summer 2018

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<b>COURSE MODIFICATIONS</b>			
<b>SUBJECT/ NUMBER</b>	<b>CHANGE FROM:</b>	<b>CHANGE TO:</b>	<b>EFFECTIVE TERM</b>
<b>COUN 207C</b>	Catalog Description: Job search skills: Resumes, cover letters, telephone skills, and interviewing techniques.	Catalog Description: Job search skills: Resumes, cover letters, telephone skills, networking, and interviewing techniques.	Fall 2018
<b>ECON 001</b>	Prerequisite: MATH 203 or MATH 205B or MATH 211D	Prerequisite: MATH 203 or MATH 211D or MATH 230	Summer 2018
<b>ECON 002</b>	Prerequisite: MATH 203 or MATH 205B or MATH 211D	Prerequisite: MATH 203 or MATH 211D or MATH 230	Summer 2018
<b>ENGL 264A</b>	5 units 4 hours lecture, 3 hours laboratory	4 units 3 hours lecture, 3.5 hours laboratory	Fall 2018
<b>ENGL 264B</b>	5 units 4 hours lecture, 3 hours laboratory	4 units 3 hours lecture, 3.5 hours laboratory	Fall 2018
<b>ESOL 502 Noncredit</b>	Subject : ESL	Subject: ESOL	Fall 2018
<b>ESOL 503 Noncredit</b>	Subject : ESL	Subject: ESOL	Fall 2018
<b>ESOL 504 Noncredit</b>	Subject : ESL	Subject: ESOL	Fall 2018
<b>ESOL 505 Noncredit</b>	Subject : ESL	Subject: ESOL	Fall 2018
<b>NUTR 070C</b>	Hybrid Requisite: NUTR 070B or NUTR 240B  Corequisite: NUTR 071C	Corequisite: NUTR 071C	Spring 2019

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<b>COURSE MODIFICATIONS</b>			
<b>SUBJECT/ NUMBER</b>	<b>CHANGE FROM:</b>	<b>CHANGE TO:</b>	<b>EFFECTIVE TERM</b>
<b>NUTR 071C</b>	1-4 units 1-2 hours lecture	2 units 2 hours lecture	Summer 2018
<b>PHYS 010</b>	Catalog Description: Elementary study of major topics of physics: motion, forces, energy, momentum, rotation, oscillation, sound, electromagnetics, light, quantum physics, atoms, nuclei, and relativity.	Catalog Description: Elementary study of major topics of physics: Motion, forces, gravity, matter, energy, momentum, rotation, oscillation, sound, heat, thermodynamics, electromagnetism, light, quantum physics, atoms, nuclei, and relativity. Not open for credit to students who have completed or are currently enrolled in PHYS 2A-2B, 3A-3B, or 4A-4B-4C.	Fall 2018

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**COURSE DEACTIVATIONS**

<b>SUBJECT/NUMBER</b>	<b>COURSE TITLE</b>	<b>EFFECTIVE TERM</b>
ANTHR 018	Introduction to Anthropological Linguistics	Spring 2018
BIOL 048PC	Natural History of Switzerland and the Swiss Alps	Spring 2018
BIOL0 50	Natural History: Geotectonic Biology of the Greater Bay Area	Spring 2018
BIOL 054	Field Notes and Field Journals for the Master Naturalist	Spring 2018
BIOL 802A	Birds of Southeast Arizona	Summer 2018
BIOL 848NI	Natural History of Papua New Guinea – Field Studies	Summer 2018
BIOL 848NT	Natural History of Newfoundland, Canada – Field Study 2	Summer 2018
BIOL 848QD	Natural History of the Swiss Alps Field Study II	Summer 2018
BIOSC 048NB	Good Laboratory Practices II	Spring 2018
BIOSC 039	Introduction to Modern Medical Diagnostic Techniques	Summer 2018
ENVST 802A	Birds of Southeast Arizona	
ESL 215A	Intermediate Grammar	Fall 2018
ESL 215B	Intermediate Grammar	Fall 2018
ESL 218B	ESL Writing Workshop	Fall 2018
ESL 218C	ESL Writing Workshop	Fall 2018

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**COURSE DEACTIVATIONS**

<b>SUBJECT/NUMBER</b>	<b>COURSE TITLE</b>	<b>EFFECTIVE TERM</b>
ESL 218D	ESL Writing Workshop	Fall 2018
ESL 222A	Intermediate Reading and Writing	Fall 2018
ESL 222B	Intermediate Reading and Writing	Fall 2018
ESL 232A	Intermediate Listening and Speaking	Fall 2018
ESL 232B	Intermediate Listening and Speaking	Fall 2018
ESL 252B	Grammar 2	Fall 2018
ESL 273	ESL Through Computers 2/3	Fall 2018
ESL 283A	High Beginning Listening and Speaking	Fall 2018
ESL 283B	High Beginning Listening and Speaking	Fall 2018
ESL 284A	High Beginning Grammar	Fall 2018
ESL 284B	High Beginning Grammar	Fall 2018
ESL 285A	High Beginning Reading and Writing	Fall 2018
ESL 285B	High Beginning Reading and Writing	Fall 2018
ESL 502	English for Infant/Toddler Development	Fall 2018
ESL 503	English for Infant/Toddler Curriculum	Fall 2018



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**COURSE DEACTIVATIONS**

<b>SUBJECT/NUMBER</b>	<b>COURSE TITLE</b>	<b>EFFECTIVE TERM</b>
ESL 504	English for Early Childhood Development	Fall 2018
ESL 505	English for Early Childhood Education Curriculum	Fall 2018
LANHT 022B	Landscape Design Laboratory	Spring 2018
LANHT 032	Designing with Native Plants	Fall 2018
LANHT 033	Design Evaluation of Bay Area Landscapes	Fall 2018
MUSIC 038	Elementary Piano	Fall 2018
MUSIC 040	Intermediate Piano	Fall 2018
LANHT 220	Edible Landscape	Spring 2018
NURS 260C	Nursing Skills Lab	Summer 2018
NURS 260D	Nursing Skills Lab	Summer 2018
NUTR 246	Occupational Work Experience in Nutrition and Dietetics	Fall 2018
NUTR 848NA	Preparation for the Certified Dietary Manager Exam	Summer 2018
PE 073	Track and Field – Officiating	Spring 2018
PE 091	Basketball – Men (Intercollegiate)	Fall 2018
PE 092	Basketball – Women (Intercollegiate)	Fall 2018

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**COURSE DEACTIVATIONS**

<b>SUBJECT/NUMBER</b>	<b>COURSE TITLE</b>	<b>EFFECTIVE TERM</b>
PE 100A/B	Track and Field – Men and Women (Intercollegiate)	Fall 2018
PE 110	Physical Fitness for Public Safety Personnel	Fall 2018

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**CATALOG CORRECTIONS**

<b>DEPT/NO.</b>	<b>Catalog Page</b>	<b>Error:</b>	<b>Correction:</b>
<b>BIOSC 9</b>	<b>page 143</b>	<b>6 units</b>	<b>5 units</b>
<b>BIOSC 34</b>	<b>page 145</b>	<b>1-3 units, 1-3 hours lecture</b>	<b>3 units, 3 hours lecture</b>
<b>BIOSC 36</b>	<b>page 145</b>	<b>Prerequisites: none</b>	<b>Prerequisites: BIOSC 30</b>
<b>BIOSC 72</b>	<b>page 147</b>	<b>4 units</b>	<b>3 units</b>
<b>CIS 20</b>	<b>page 183</b>	<b>Active</b>	<b>Historical (2013)</b>
<b>CIS 59</b>	<b>Page 185</b>	<b>3 hours lecture</b>	<b>2 hours lecture, 3 hours lab</b>
<b>ENGL 264A</b>	<b>page 199</b>	<b>6 units</b>	<b>5 units</b>
<b>MATH 203</b>	<b>page 256</b>	<b>3 units</b>	<b>4 units</b>
<b>ESOL</b>	<b>page 200</b>	<b>English as a Second Language</b>	<b>English for Speakers of Other Languages</b>

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### LANDSCAPE HORTICULTURE (LANHT)

#### Arboriculture Associate of Science Degree

**Effective Fall 2018**

##### Catalog Description:

This Arboriculture 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 include: Tree Care Specialist/Worker with Certification; Ground worker; Arborist (Certified); Tree Climber; Plant Health Care Technician; Utility Line Clearance Tree Trimmer; and City, County or Municipality Forestry Worker.

##### SUGGESTED COURSE SEQUENCE

<b>First Semester</b> (16 units Required):		<b>Third Semester</b> (15 units Required):	
LANHT 001 or Introduction to Landscape Horticulture with Lab (Day)	3	LANHT 011 Plant Diseases and Their Management	3
LANHT 001E Introduction to Landscape Horticulture (Evening)	3	LANHT 016 Soil Management	3
LANHT 013 or Arboriculture with Lab (Day)	3	LANHT 083 Large Equipment Operations for Arborists	3
LANHT 013E Arboriculture (Evening)	3	LANHT 206 Landscape Business Practices	3
LANHT 023 Plant Terminology	2.5	<i>Above courses plus 3 units of general education</i>	3
LANHT 026 Pruning	.5		
LANHT 081 Arborist Equipment Fundamentals	2		
LANHT 085 Introduction to Climbing and Aerial Tree Work	2		
<i>Above courses plus 3 units of General Education</i>	3		
<b>Second Semester</b> (16 units Required):		<b>Fourth Semester</b> (15 units Required):	
LANHT 002 or Plant Materials: Tree ID and Culture with Lab (Day)	3	LANHT 010 Insect Pests	3
LANHT 002E Plant Materials: Tree ID and Culture (Evening)	3	LANHT 087 Advanced Aerial Tree Work	2
LANHT 080 Urban and Community Forestry 2	2	LANHT 088 Crew Leadership in Arboriculture	1
LANHT 082 Tree Health Care 2	2	<i>Above courses plus 9 units of general education</i>	9
LANHT 084 Pruning for Urban and Community Forestry 1	1		
LANHT 086 Applied Aerial Tree Work 2	2		
<i>Above courses plus 6 units of general education</i>	6	<b>Total Major Units:</b>	<b>62</b>

##### 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.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

#### Bridge to Credit ESOL Certificate of Competency (Noncredit)

**Effective Spring 2019**

The Bridge to Credit Certificate of Competency (CC ESOL) prepares students for credit coursework through a series of 8-week intensive non-credit English courses that serve two main purposes: 1) to ensure that students gain the English language requirements to enter the credit ESOL program, and 2) to prepare students for the academic rigor of credit courses by introducing them to organizational tools that will help them succeed in college.

**Catalog Description:**

The Bridge to Credit Certificate of Competency (CC ESOL) verifies that a student has successfully completed the non-credit ESOL course sequence. This sequence prepares students for the academic rigor of credit courses by integrating English language instruction with organizational tools for student success. Students interested in completing the certificate should consult with the ESOL program chair and a counselor.

**Program Requirements:**

Requirements	Dept. Name/#	Name	Units	Merritt GE	Sequence
Core Courses	ESOL 541A	Bridge to Credit ESOL – Level 1	0		Year 1, Fall
	ESOL 541B	Bridge to Credit ESOL – Level 2	0		Year 1, Fall
	ESOL 541C	Bridge to Credit ESOL – Level 3	0		Year 1, Fall
	ESOL 541D	Bridge to Credit ESOL – Level 4	0		Year 1, Fall
<b>Total Units</b>			0		

#### PROGRAM LEARNING OUTCOMES

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

- 
1. Synthesize written information and technological skills to register for credit-level courses at an educational institution.
  2. Comprehend and respond appropriately to spoken American English at the level of entry-level credit ESOL courses.
  3. Apply written information, technological skills, and college success strategies to college level courses.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### COMPUTER INFORMATION SYSTEMS (CIS)

#### Cisco Certified Network Associate (CCNA) Certificate of Achievement

**Effective Spring 2019**

**Catalog Description:**

The Cisco Certified Network Associate (CCNA) certification is the second level of Cisco's five-level career certification process. A CCNA certification certifies a technician's ability to install, set up, configure, troubleshoot and operate a medium-sized routed and switched computer network. Students completing this certificate program will be qualified for employment in entry-level positions in network administration and be able to prepare for the Cisco Certified Network Associate (CCNA) certification exam.

**Career Opportunities:**

This certificate prepares students for careers as Computer User Support Specialists, Computer Network Support Specialists, Network and Computer Systems Administrators, Computer Systems Analysts, and Information Security Analysts. Students will be prepared to address software-driven network architectural changes that incorporate automation and programming, cloud, and analytics.

**CERTIFICATE REQUIREMENTS (19 Required units):**

CIS 052 and	Cloud Security Fundamentals	3
CIS 072 and	Systems and Network Administration	3
CIS 073 and	Networking Concepts	4
CIS 106A and	Routing and Switching Networks	3
CIS 106B and	Scaling Networks	3
CIS 106C	Connecting Networks	3
<b>Total Certificate Units:</b>		<b>19</b>

#### PROGRAM LEARNING OUTCOMES

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

- 
1. Select appropriate network architecture and choose components to implement its structure and functions.
  2. Select the appropriate protocol and components for secure network operations.
  3. Analyze network throughput and apply appropriate methods to achieve performance objectives.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### BIOSCIENCE (BIOSC)

#### Phylogenetic Analysis Certificate of Proficiency

Effective Spring 2017

##### Catalog Description:

This certificate is an introduction to phylogenetic analysis, a type of bioinformatics. It is not enough to just sequence DNA. You must also analyze what you have. With billions of bases to analyze, scientists and technicians rely on computers to help understand the data they sequence. Phylogenetics provides a comparative map of the history of life and is used in fields from conservation to pandemics. Students will create phylogenetic maps of species, many of which have never been sequenced. **A Certificate of Proficiency will be awarded upon completion of the requirements below. The Certificate of Proficiency is not indicated on the student's transcript.**

##### Career Opportunities:

Entry-level to advanced biotechnology industry positions, lab technician in labs that assess commonalities and disparities between species.

##### CERTIFICATE REQUIREMENTS (14-15 Required units):

<b>Required courses:</b>		
BIOSC 030	Genomics Theory	4
BIOSC 031	Advanced Genomics Theory	4
BIOSC 042	Mining GenBank	3
<b>Choose:</b>		
BIOSC 061 and	Sequence Analysis Using MacVector	1
BIOSC 062 and	Methodologies in Phylogenetics Using PAUP	1
BIOSC 063	Introduction to Character Tracing Using MacClade	1
or		
BIOSC 039	Comparative Genomics and Phylogenetics	4
<b>Total Certificate Units:</b>		<b>14 - 15</b>

#### PROGRAM LEARNING OUTCOMES

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

1. Perform good laboratory practices in a genomics lab.
2. Demonstrate basic laboratory skills for genomics.
3. Create and explain an original phylogenetic tree.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### LANDSCAPE HORTICULTURE (LANHT)

#### Tree Care Specialist, Certificate of Achievement

**Effective Fall 2018**

**Catalog 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 Industry Established Positions and Job Titles include: Tree care specialist; Plant health care technician; Ground worker; Sales and consulting; Arborist (certified by ISA); Utility arborist; and Urban forester.

**CERTIFICATE REQUIREMENTS (21 Required units):**

LANHT 001 or LANHT 001E	Introduction to Landscape Horticulture with Lab (Day) Introduction to Landscape Horticulture (Evening)	3 3
LANHT 002 or LANHT 002E	Plant Materials: Tree ID and Culture with Lab (Day) Plant Materials: Tree ID and Culture (Evening)	3 3
LANHT 013 or LANHT 013E	Arboriculture with Lab (Day) Arboriculture (Evening)	3 3
LANHT 023	Plant Terminology	2.5
LANHT 026	Pruning	0.5
LANHT 080	Urban and Community Forestry	2
LANHT 081	Arborist Equipment Fundamentals	2
LANHT 082	Tree Health Care	2
LANHT 084	Pruning for Urban and Community Forestry	1
LANHT 085	Introduction to Climbing and Aerial Tree Work	1
<b>Total Certificate Units:</b>		<b>21</b>

#### 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.



# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM ADDITIONS

#### LANDSCAPE HORTICULTURE (LANHT)

#### Tree Climber Specialist Certificate of Achievement

**Effective Fall 2018**

**Catalog 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 include: Tree Care Specialist/Worker with Certification; Ground worker; Arborist (Certified); Tree Climber; Plant Health Care Technician; Utility Line Clearance Tree Trimmer; and City, County or Municipality Forestry Worker.

**Certificate Requirements (41 Required Units):**

LANHT 001 or	Introduction to Landscape Horticulture with Lab (Day)	3
LANHT 001E	Introduction to Landscape Horticulture (Evening)	3
LANHT 002 or	Plant Materials: Tree ID and Culture with Lab (Day)	3
LANHT 002E	Plant Materials: Tree ID and Culture (Evening)	3
LANHT 010	Insect Pests	3
LANHT 013 or	Arboriculture with Lab (Day)	3
LANHT 013E	Arboriculture (Evening)	3
LANHT 016	Soil Management	3
LANHT 023	Plant Terminology	2.5
LANHT 026	Pruning	0.5
LANHT 080	Urban and Community Forestry	2
LANHT 081	Arborist Equipment Fundamentals	2
LANHT 082	Tree Health Care	2
LANHT 083	Large Equipment Operations for Arborists	3
LANHT 084	Pruning for Urban and Community Forestry	1
LANHT 085	Introduction to Climbing and Aerial Tree Work	2
LANHT 086	Applied Aerial Tree Work	2
LANHT 087	Advanced Aerial Tree Work	2
LANHT 088	Crew Leadership in Arboriculture	1
LANHT 206	Landscape Business Practices	3
<b>Total Certificate Units:</b>		<b>41</b>

#### 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.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

Changes are highlighted within program summary

#### Business (BUS)

#### Accounting Associate of Arts (AA) Degree

Effective Fall 2018

#### Catalog Description:

Accountants play an essential role in keeping businesses within their budgets, and this program offers real-world application of skills related to private accounting, institutional accounting, certified public accounting, and other career opportunities within the private and public sectors.

To qualify for the **Associate of Arts in Accounting** degree, students must satisfactorily complete the Degree Major requirements specified below and the local AA/ AS General Education requirements. See the Associate Degrees and Certificates section of this catalog for more information on the local AA/AS overall requirements and the local AA/AS General Education requirements.

#### Career Opportunities:

Private accounting, institutional accounting, CPA, bank officer, consumer credit officer, financial analyst, financial planner, loan officer, insurance analyst, investment account executive.

#### Degree Requirements:

<b>Degree Major Requirements</b>		
BUS 001A	Financial Accounting	4
BUS 001B	Managerial Accounting	4
BUS 010	Introduction to Business	3
ECON 001	Principles of Economics (Macro-Economics)	3
ECON 002	Principles of Economics (Micro-Economics)	3
CIS 001	Introduction to Computer Information Systems	4
<b>Recommended:</b>		
BUS 002	Introduction to Business Law	(3)
BUS 005	Human Relations in Business	(3)
BUS 070	Introduction to Marketing	(3)
	<b>Total Required Degree Major Units:</b>	<b>21</b>
	General Education (CSU or IGTEC) Units:	39
	<b>Total Degree Units (maximum):</b>	<b>60</b>

#### PROGRAM LEARNING OUTCOMES

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

1. Synthesize business communication techniques to create, revise and evaluate verbal and written business messages.
2. Apply knowledge of financial accounting, including content, concepts and structure of the various statements for internal and external use.
3. Evaluate the process of identifying, gathering, measuring, summarizing and analyzing financial data in business organizations.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

Changes are highlighted within program summary

#### Business (BUS) Accounting Certificate of Achievement

Effective Fall 2018

#### Catalog Description:

Accountants play an essential role in keeping businesses within their budgets, and this program offers real-world application of skills related to private accounting, institutional accounting, certified public accounting, and other career opportunities within the private and public sectors. Merritt College Accounting program prepares students for employment in a wide variety of business accounting environments.

A **Certificate of Achievement** will be awarded upon satisfactory completion of the certificate requirements specified below.

#### Career Opportunities:

Private accounting, institutional accounting, CPA, bank officer, consumer credit officer, financial analyst, financial planner, loan officer, insurance analyst, investment account executive.

#### Degree Requirements:

Degree Major Requirements	Degree Major Requirements:	
BUS 001B	Managerial Accounting	4
BUS 005	Human Relations in Business	3
BUS 010	Introduction to Business	3
CIS 001	Introduction to Computer Information Systems	4
PLUS Any Additional Business Course(s)		4
<b>Total Required Units for Certificate:</b>		<b>18</b>

### PROGRAM LEARNING OUTCOMES

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

1. Synthesize business communication techniques to create, revise and evaluate verbal and written business messages.
2. Apply knowledge of financial accounting, including content, concepts and structure of the various statements for internal and external use.
3. Evaluate the process of identifying, gathering, measuring, summarizing and analyzing financial data in business organizations.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

Changes are highlighted within program summary

#### Business (BUS)

#### Business Management Certificate of Achievement

Effective Fall 2018

#### Catalog Description:

The **Business Management** program involves the coordinating of efforts and resources within an office, department, organization or company to achieve defined objectives. The certificate includes core course requirements and the choice between two areas of emphasis: Human Resources Management or Entrepreneurship/Small Business Management. The Human Resources Management area of emphasis allows students to explore the human resources management field as a career choice and gain an entry-level support position in a human resources department. The Entrepreneurship/Small Business Management is designed to aid students who want to own their own business or who work for small or virtual businesses.

A **Certificate of Achievement** will be awarded upon satisfactory completion of the core certificate requirements and the requirements for one emphasis specified below.

#### Career Opportunities:

General/operations manager and office manager.

#### Degree Requirements:

<b>Certificate Core Requirements</b>		
BUS 001A or	Financial Accounting	4
BUS 020	General Accounting	3
BUS 002	Introduction to Business Law	3
BUS 050	Principles of Management	3
CIS 001	Introduction to Computer Information Systems	4
<b>Choose one of the following areas of emphasis:</b>		
Human Resources Management:		
BUS 051	Supervisory Management	(3)
BUS 052	Psychology and Human Relations	(3)
BUS 056	Human Resources Management	(3)
Or		
<b>Entrepreneurship/Small Business Management:</b>		
BUS 054	Small Business Management	(3)
BUS 052	Introduction to Marketing	(3)
BUS 056	E-Commerce/Entrepreneurship	(3)
	<b>Required Core Units:</b>	13-14
	Area of Emphasis Units:	9
	<b>Total Required Units for Certificate</b>	<b>22-23</b>

### PROGRAM LEARNING OUTCOMES

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

1. **Synthesize business communication techniques to create, revise and evaluate verbal and written business messages.**
2. Research and evaluate business plans that can be used for planning and financing.
3. Employ appropriate management, finance, accounting, and marketing techniques required to operate a business.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

Changes are highlighted within program summary

## MATHEMATICS (MATH)

### Mathematics Associate in Science for Transfer (AS-T) Degree

Effective Spring 2018

#### Catalog Description:

The Associate in Science in Mathematics for Transfer Degree (AS-T) is designed for students planning to transfer into the mathematics major. Successful completion of the program with a minimum G.P.A. of 2.0 affords students specific guarantees for transfer to the CSU system such as admission to a CSU with junior status, priority admission to a CSU campus with a similar major and to a program or major in mathematics or similar major. Students interested in the AS-T for transfer degree in mathematics should consult with the departmental faculty chair. The AS-T degree will be awarded upon completion of the major course requirements listed below and the General Education requirements for the Associate in Science Degree listed in the Degrees, Programs & Transfer Requirements section of this Catalog. Complete the Degree Major Requirements and/or courses from Groups A and B below to complete preparation for the major. Also complete 37-39 General Education units from either the California State University General Education-Breadth Requirements (CSU-GE) or the Intersegmental General Education Transfer Curriculum (IGETC) and electives to total 60 units for the degree.

#### Career Opportunities:

In the modern world, there are many fields that need specialists in mathematics. Careers in mathematics include: scientists, researchers, programmers and other specialists in information systems, mathematics teachers, actuaries and insurance specialists, and people who can combine mathematical knowledge with a scientific, technological, or business background.

#### Degree Requirements:

<b>Degree Major Requirements</b>		
MATH 003A	Calculus I	5
MATH 003B	Calculus II	5
MATH 003C	Calculus III	5
<b>Group A:</b>		
<del>MATH 003D or</del>		
MATH 003E or	Linear Algebra	3
MATH 003F	Differential Equations	3
<b>Group B:</b>		
MATH 013 or	Statistics	4
PHYS 004A	General Physics with Calculus	5
	<b>Total Units for the Major:</b>	<b>22-23</b>
	Total Units that may be double counted:	3-7
	General Education (CSU or IGETC) Units:	<b>37-39</b>
	Elective (CSU Transferable Units):	1-9
	<b>Total Degree Units (maximum):</b>	<b>60</b>

### PROGRAM LEARNING OUTCOMES

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

1. Express mathematical concepts and techniques clearly and concisely using symbolic and ordinary language.
2. Use quantitative reasoning to solve a variety of mathematical problems in the workplace and in the home.
3. Demonstrate mastery of the various mathematical concepts and techniques needed to succeed in subsequent courses of increasing complexity.

# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

Changes are highlighted within program summary

#### **NURSING (NURS)**

##### **Nursing Associate in Science Degree**

**Effective Summer 2018**

##### **Catalog Description:**

The Associate Degree Nursing (ADN) program is approved by the California Board of Registered Nursing. This program is designed to prepare students for beginning positions in Registered Nursing. Upon successful completion of the program, students are eligible to take the state licensing examination for registered nurses. The course of study includes instruction in applied nursing sciences, related natural and social/behavioral sciences, and clinical nursing experience in hospitals and healthcare facilities located in the San Francisco Bay Area.

The Associate of Science degree in Nursing will be awarded upon satisfactory completion of the Group A Prerequisite requirements, the Group B General Education/Graduation requirements, and the Group C Major course requirements. Applications are accepted each year from December 1 – March 1 for the class admitted the following Fall semester. All applications with supporting data (all transcripts, etc.) must be received no later than March 1. Applications may be hand-delivered or mailed to the Merritt College Associate Degree Nursing Program. Nonresident foreign students must first be cleared for admission through the International Student Advisor's Office. It is required that all students interested in the Nursing program see a counselor for guidance in preparation for the program and evaluation of prerequisites prior to applying.

**NO MATERIALS WILL BE ACCEPTED AFTER THE APPLICATION DEADLINE DATES. LATE OR INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.**

##### **Eligibility/Admission Requirements:**

1. The student must be a graduate of an accredited high school or have passed the GED test or equivalent.
2. All prerequisite courses in Group A must be completed before applying for admission into the program.
  - a) Each Group A course must be completed with a grade of "C" or better (letter grade only) with an overall grade-point average (GPA) of 2.5 or better ("C-" is not acceptable).
  - b) Anatomy, Physiology, and Microbiology courses must have been completed.
3. A recent (within 6 months) physical examination certifying good physical health must have been satisfactorily completed, criminal background check and drug screening at the student's own expense.
4. CPR (Basic Life Support) certification must be current within one year at the time of application and must re-main current throughout the length of the program.
5. The student must have proof of a two part annual Tuberculosis (TB) screening.
6. Upon enrollment to the college, students should obtain an Initial Evaluation Request Form from the college's Admissions and Records Office for courses completed at all colleges or universities. Foreign transcripts must be sent to World Education Services for evaluation and Berlitz Translation Services for translation. Forms may be obtained from the Counseling Office.
7. Nonresident foreign students must see the International Student Advisor before applying.
8. Two sets of official transcripts from all colleges attended including the Peralta District must be on file: One set to the District Admission and Records Office, and one set to the Allied Health Department (D102) at Merritt.

##### **Admission Criteria Effective as of Fall 2011:**

The process by which students are admitted to the Associate Degree Nursing Program (ADN) changed for students applying for admission into the Program in Fall 2008 and subsequent terms. The Program adopted the Chancellor's Advisory Model Prerequisites for Enrollment in Associate Degree Nursing Program admission criteria. Students must complete all Group A prerequisites prior to applying to the ADN Program for admission. While it is highly recommended that students complete both Group A and Group B courses prior to entry into the ADN Program, admission into the ADN Program will be based upon the Chancellor's Advisory Model Prerequisites for Enrollment in the Associate Degree Nursing Program (Group A courses).

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### PROGRAM CHANGES

#### Nursing Associate in Science Degree, continued

**Admission will be determined by the following:**

1. Overall college GPA: 2.5 or above.
2. Group A coursework.
3. Biology Core (anatomy, physiology, and microbiology): GPA 2.5 or above. Additionally, biology core repetitions will be evaluated.\*Core Biology course repetitions will adversely affect your overall score. [i.e. each repetition deducts from your Chancellor’s Score, and three repetitions eliminates your chance of receiving the required 80%]. ALL repetitions count, regardless of the grade. A, B, C, D, F, or W (“withdraw”), is counted as a repetition. A formula approved by the State Chancellor’s Office will compute your cut score. Those who score above 80% will be entered into the eligibility pool. Of those eligible to enroll into the Nursing Program, a lottery will be used for selection purposes. All students meeting the admission criteria will be eligible for admission by random selection.
4. English 1A (Composition and Reading), GPA: 2.0.

Applications will be accepted from February through March for Fall admission of the following academic school year. Students may apply for admission only once per year.

In order to apply for admission into the ADN Program, students must complete the admission prerequisites (Group A courses). At that time, the student’s transcripts will be screened to determine whether the student is eligible for admission based upon the Chancellor’s Advisory Model Prerequisites.

Prior to admission, all students who have been randomly selected must also pass a diagnostic assessment test (Basic Math, English, Reading, and Science) in addition to meeting the requirements stated above. Students who fail to achieve a passing score will be offered to complete additional Pre-nursing course work prior to admission and enrollment in the Nursing Program. Pre-Nursing course work and clearance of diagnostic assessment deficiencies must be completed to become eligible for admission to the program. Contact the ADN program for more details.

NOTE: Students should see a counselor at least once each semester to plan for their educational goal(s).

**Degree Requirements:**

Group A- Prerequisite Requirements Eligibility/Admission Requirements:		
BIOL 020A and	Human Anatomy and Physiology	5
BIOL 020B or	Human Anatomy and Physiology	5
BIOL 002 and	Human Anatomy	5
BIOL 004	Human Physiology	5
BIOL 003	Microbiology	5
ENGL 001A	Composition and Reading	4

# Merritt College

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### PROGRAM CHANGES

#### Nursing Associate in Science Degree, continued

<p><b>Group B – General Education/Graduation Requirements:</b>          Although Group B courses meet General Education (GE)/Graduation Requirements and can be completed prior to or after admission into the ADN Program, it is highly recommended that these courses be completed prior to admission into the program. Each Group B course must be completed with a grade of “C” or better (letter grade only) except for Ethnic Studies and Computer Literacy. “C-” is not acceptable. English 5 requires an additional Humanities course.</p> <p>MATH 203          ENGL 001B or          ENGL 005          PSYCH 001A          SOC 001 or          ANTHR 003          COMM 020          Plus: Computer Literacy requirement          And: Ethnic Studies requirement</p> <p>The minimum GE-unit requirement for the Associate Degree is 19 units; some of these requirements can be met by the Group A prerequisite courses. Computer Literacy and Ethnic Studies are degree requirements that are not required by the BRN for licensure.</p>	<p>Intermediate Algebra          Composition and Reading          Critical Thinking in Reading and Writing          Introduction to General Psychology          Introduction to Sociology          Introduction to Social and Cultural Anthropology          Interpersonal Communication Skills</p>	<p>4          4          3          3          3          3          3          1          3</p>
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# Merritt College

## 2017 -2019 Catalog Supplement

### PROGRAM CHANGES

#### Nursing Associate in Science Degree, continued

<p><b>Group C: Degree Major Requirements:</b> The following courses are to be completed after admission into the ADN program. These courses must be completed with a grade of “C” or better (a 75% passing grade) in lecture and satisfactory clinical performance in each section of a course (“C-” is not acceptable):</p> <p>NURS 001 NURS 003A NURS 003B NURS 004A NURS 004B NURS 005 NURS 010 NURS 011 NURS 012 NURS 013 NURS 014</p> <p>Students with prior experience in the healthcare field, such as Licensed Vocational Nursing (LVN), may apply to challenge courses within the Nursing curriculum and seek advanced placement in the program. Contact the Allied Health Department for details. For written information regarding advanced placement, challenge by examination, transfer, or the 30-unit option (BRN Regulation, Section 2736.6), contact the Allied Health Department Office located in Building D, Room 102.</p> <p>Note: Transfer-in or advanced-placement students will be admitted only on a space-available basis.</p>	<p>Fundamentals in Nursing: Beginning Principles of Health Care 9 Perinatal Nursing 4 Pediatric Nursing 4 Intermediate Medical-Surgical Nursing 4 Psychiatric Nursing 4 Advanced Medical-Surgical Nursing: Disruption in Homeostasis 9 Leadership and Management 1 Ethics and Law 1 Calculation of Drug Dosages for Health Professionals 1 Pharmacology in Nursing 3 Nutrition and Diet Therapy in Nursing 2</p>	
	Total Required Prerequisite Units:	19
	Total Required GE/Graduation Units:	20-21
	Total Required Degree Major Units:	42
	Total Required Program Units:	81-82

#### PROGRAM LEARNING OUTCOMES

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

1. Apply principles of teaching, learning, and homeostasis when in a caregiving relationship with patient, family and staff members.
2. With appropriate supervision, develop and implement safe and skillful nursing care for a group of patients.
3. Participate effectively as a member of a health care team by applying their knowledge of the nursing process.
4. Develop an awareness of him/herself as a person and as a practitioner.

# Merritt College

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### CLASSIFIED STAFF

**ADAMS, JUDY**

*Coordinator*

**Extended Opportunity Programs and Services**

B.A., California State University, Hayward

M.S., San Francisco State University

**ALI, WAFA**

*Staff Assistant/Student Services*

**Dean of Special Programs and Grants Office**

Certificate, Laney College

A.A., Laney College

A.A., Laney College

A.S.-T., Laney College

B.S., Cal State East Bay

**ALVARADO, CYNTHIA**

*Assessment/Research Data Specialist*

**Office of Instruction**

A.A., Merritt College

A.A., Merritt College

B.A., University of California, Berkeley

**ANDERSON, SINEAD GENEVA**

*Staff Assistant/Instruction*

**Math, Science, and Applied Technology Division II Office**

Certificate, University of California, Berkeley

A.A., Merritt

A.S., Merritt

**ANDREW, ANTONIA**

*Financial Aid Specialist*

**Financial Aid Office**

A.A., Merritt College

**BRICE, TIMOTHY**

*Head Custodian*

**Custodial Department**

**BULL, MARIL M.**

*Staff Assistant*

**Landscape Horticulture Department**

**CERDA, ALEJANDRA**

*Staff Assistant/Student Services*

**Student Activities and Campus Life Office**

**CERROBLANCO, JR., ARMANDO**

*Senior Library Technician*

**Library**

Certificate, City College of San Francisco

B.A., University of California, Berkeley

**CHAN, SIMON**

*Department Network Coordinator*

**Computer Information Systems Department**

A.A., College of Alameda

B.S., California State University, Hayward

**CHEN, LI JUAN**

*Custodian*

**Custodial Department**

**CHRISTIAN, BRANDON**

*Staff Assistant*

**Office of the President**

A.A., Merritt College

**CIRAULO, JAMES**

*Lead Custodian*

**Custodial Department**

**DANIEL, SYLVER**

*Senior Clerical Assistant*

**Counseling Department**

**DAO, MINH**

*Student Personnel Services Specialist*

**Student Services Office**

**DE LA TORRE, SUSANA**

*Admissions and Records Specialist*

**Admissions and Records Office**

A.A., Laney College

**DILLARD, RANDY**

*Custodian*

**Custodial Department**

# Merritt College

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**EALY, VINCENT**

*Custodian*

**Custodial Department**

**ELLIS, RACHEL**

*Program Specialist*

**Extended Opportunity Programs and Services/CARE**

B.A., California State University, East Bay

**FITCH, LASHAUNE**

*Curriculum Specialist*

**Office of Instruction**

B.A., University of California, Berkeley

B.F.A., California College of the Arts

M.A., California College of the Arts

**FORLASTRO, CHRISTANA**

*Senior Library Technician*

**Library**

A.A., Merritt College

**FONG, JANE**

*Academic Support Services Specialist*

**Office of Instruction**

**GORDON, JAMES**

*Principal Library Technician*

**Library**

B.A., University of California, Berkeley

**HAMPTON, TONY**

*Network Support Services Technician*

**Office of Instruction**

**HANKINS, DORIS**

*Employee Services Manager*

**Office of Instruction**

Certificate, Merritt College

A.A., Merritt College

B.A., Ashford University

M.A., Jones International University

**HENRY, TACHETTA**

*Staff Assistant*

**Office of Instruction**

A.A., Merritt College

**HERRERA, BERENISE**

*Executive Assistant*

**Office of the President**

B.A., San Francisco State University

**HILL, NIAMBI**

*Science Lab Technician & Nursery Manager*

**Landscape Horticulture Department**

Certificate, Merritt College

Certificate, University of California, Santa Cruz

A.A., Merritt College

B.A., San Francisco State University

**HUNTER, ALYSON**

*Financial Aid Specialist*

**Financial Aid Office**

Certificate, Merritt College

A.A., Merritt College

**JOHNSON JR., WALTER**

*Instructional Assistant, Computer-Assisted Instruction Lab Learning Center*

B.S., Howard University

M.S., University of California, Berkeley

**JOHNSON, CARMEN**

*Interim Coordinator*

**CalWORKs**

**KARIM, WAADUDA**

*Senior Clerical Assistant*

**Allied Health Programs**

A.A., Merritt College

**KAUFMAN, MARYHELEN**

*Admissions and Records Clerk*

**Admissions and Records Office**

A.A., College of Alameda

**KESSLER, SAMANTHA**

*Research and Planning Officer*

**Office of the President**

B.A., East Stroudsburg University

M.A., Lehigh University

# Merritt College

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**LASHER, CHRISTINE**

*Senior Clerical Assistant*

**Nursing Department**

A.A., Columbus State Community College

B.A., Capital University

**LITTLES, VICTOR**

*Transition Liaison*

**Office of Instruction**

M.A., Holy Names University

Ed.D, Fielding Graduate University

**MARRERO, TARA**

*Facilities Services Specialist*

**Business Services Office**

**MCCLINTOCK, KEVIN**

*Athletic Trainer-Equipment Manager*

**Athletics Department**

B.S., California State University, Hayward

M.S., California State University, Hayward

**MCPHEE, NANCY**

*Principal Accounting Technician*

**Business Services Office**

A.A., Laney College

B.A., California State University, Hayward

**MORA, BRENDA**

*Coordinator*

**Merritt College @Fruitvale**

B.A., University of California, Davis

**NGUYEN, KENT**

*Financial Aid Specialist*

**Financial Aid Office**

**OLBEKSON, KATHLEEN**

*Staff Assistant*

**Extended Opportunity Programs and Services**

**OMAR, SAHRA**

*Financial Aid Specialist*

**Financial Aid Office**

A.A., Laney College

B.S., California State University, East Bay

**PANG-SAGARA, PAULINE**

*Financial Aid Specialist*

**Financial Aid Office**

**PEEVY, LEE**

*Alternate Media Technology Specialist*

**Student Accessibility Services**

Certificate, Adaptive Computer Technologies

**PEREZ, MARIA**

*Bursar*

**Business Services Office**

A.A., Merritt College

A.S., Merritt College

B.S., California State University, East Bay

**PEREZ, RON B.**

*Staff Services Specialist*

**Business Services Office**

**PEREZ, SALVADOR**

*Senior Clerical Assistant*

**Business Services Office**

**PHARR, PHASASHA**

*Financial Aid Specialist*

**Financial Aid Office**

**POUNDS, DAVID**

*Custodian*

**Custodial Department**

**PRUITT, REAGAN**

*Staff Assistant*

**Student Accessibility Services**

Certificate, Merritt College

A.S., Laney College

**RIPPENBERGER, BONNIE**

*Instructional Assistant*

**Child Development Department**

**ROM, PATRICIA**

*College Network Coordinator*

**Office of Instruction**

# Merritt College

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**RUBIO, MARGIE**

*Student Services Specialist*

**Welcome Center**

A.A., Merritt College

A.S., Merritt College

B.S., California State University, East Bay

**SALEH, JAMILA**

*Staff Assistant*

**Vice President of Student Services Office**

A.S., Merritt College

B.S., California State University, East Bay

**SANO, TIMOTHY**

*Science Lab Technician*

**Chemistry Department**

A.A., Merritt College

**SEALUND, MAURA (MOLLY)**

*Coordinator*

**Landscape Horticulture Department**

**SHAPIRO, SAADI**

*Instructional Assistant*

**Art Department**

**SIDZINSKA, KINGA**

*Science Lab Coordinator/Biology*

**Biology Department**

**SIZEMORE, ROBERT**

*Custodian*

**Custodial Department**

**SMITH, ROBERT L.**

*Senior Storesworker*

**Custodial Department**

**THOMAS, CAROLYN**

*Custodian*

**Custodial Department**

**VICTORIAN, CHARLOTTE**

*Coordinator*

**Learning Center**

B.S., San Francisco State University

**WAGNER, DARAJA**

*Program Manager*

**NextUp**

**WALKER, ANTHONY**

*Custodian*

**Custodial Department**

**WOODWARD, DENISE**

*Staff Assistant/Instruction*

**Library Arts and Social Sciences Division I Office**