Articulation Agreement by Major

Effective during the 2021-2022 Academic Year

To: California State University, Northridge 2021-2022 General Catalog, Semester	From: Merritt College 2021-2022 General Catalog, Semester

COMPUTER INFORMATION TECHNOLOGY, B.S.

TRANSFER IMPACTION

CSU Northridge is an impacted campus. Refer to impaction information at: Transfer Impaction

GENERAL INFORMATION

This agreement displays all lower-division courses required in the major: CSU Northridge courses on the left, approved (articulated) transfer courses to the right. General education (CSU-GE Breadth or IGETC or CSU Northridge GE) and upper-division courses are also required to complete the bachelor's degree.

Completion of all coursework listed in this agreement is not mandatory prior to admission. For CSU Northridge Undergraduate **Admission Requirements,** refer to Upper Division Transfer.

Some coursework may be satisfied by Advanced Placement exams completed in high school. Visit AP Credit for information. Additional information about the major is available in the CSUN University Catalog.

Questions regarding this agreement may be directed to Jonathan Charres, the CSUN Articulation Officer, by e-mail at: jonathan.charres@csun.edu

COMPUTER INFORMATION TECHNOLOGY - CSU NORTHRIDGE GENERAL EDUCATION

Engineering and Computer Science majors may benefit by following CSU Northridge GE Plan instead of CSU-GE Breadth or IGETC. Students are required to take courses in the following CSU GE areas: CSU Northridge GE

Oral Communication (3 units) = CSU GE-Breadth Area A1
Written Communication (3 units) = CSU GE-Breadth Area A2
Mathematics/Quantitative Reasoning (3 units) = CSU GE-Breadth Area B4
Arts (3 units) = CSU GE-Breadth Area C1
Humanities (3 units) = CSU GE-Breadth Area C2
Social Sciences (6 units) = CSU GE-Breadth Area D
Comparative Cultural Studies (3 units)
U.S. History and Government (6 units) = CSU US History, Constitution, and American Ideals

All other General Education requirements are met through completion of courses in the major. Students applying to majors in the College of Engineering and Computer Science do not need CSU GE-Critical Thinking A3 prior to admission.

MINIMUM "C" GRADE REQUIREMENT

No grade lower than a "C" will be accepted on transfer from another institution to satisfy requirements for the major.

LOWER DIVISION MAJOR PREPARATION COURSES

CSU Northridge		Merritt College
COMP 110 - Introduction to Algorithms and Programming (3.00) --- And --- **COMP 110L** - Introduction to Algorithms and Programming Laboratory (1.00)	←	**CIS 6** - Introduction to Computer Programming (5.00) --- Or --- **CIS 7** - Control Structures and Objects (4.00)
COMP 122 - Computer Architecture and Assembly Language (1.00) --- And --- **COMP 122L** - Computer Architecture and Assembly Language Lab (1.00)	←	**CIS 78** - Digital Architectures for Computation (4.00)
COMP 182 - Data Structures and Program Design (3.00) --- And --- **COMP 182L** - Data Structures and Program Design Lab (1.00)	←	**CIS 33** - Software Architectures and Algorithms (4.00)

CIT 101 - CIT Fundamentals (2.00) --- And --- **CIT 101L** - CIT Fundamentals Lab (1.00)	←	No Course Articulated

CIT 160 - Internet Technologies (2.00) --- And --- **CIT 160L** - Internet Technologies Lab (1.00)	←	No Course Articulated

CIT 210 - Deployment and Management of Operating Systems (3.00) --- And --- **CIT 210L** - Deployment and Management of Operating systems Lab (1.00)	←	No Course Articulated

CIT 270 - Integrative Programming (3.00) --- And --- **CIT 270L** - Integrative Programming Lab (1.00)	←	No Course Articulated

CALCULUS

Select 1 Course(s) from the following

MATH 103 - Mathematical Methods for Business (3.00)	←	**MATH 16A** - Calculus for Business and Life/Social Sciences (3.00)

--- Or ---

MATH 150A - Calculus I (5.00)	←	**MATH 3A** - Calculus I (5.00)

--- Or ---

MATH 255A - Calculus for the Life Sciences I (3.00)	←	**MATH 16A** - Calculus for Business and Life/Social Sciences (3.00) --- And --- **MATH 16B** - Calculus for Business and Life/Social Sciences (3.00) • *Articulates as a sequence only*

STATISTICS

Select 1 Course(s) from the following

SOM 120 - Basic Business Statistics (3.00)	←	No Course Articulated

--- Or ---

MATH 140 - Introductory Statistics (4.00) Same-As: MATH 140BUS, MATH 140SCI, MATH 141/L	←	**MATH 13** - Introduction to Statistics (4.00)

SELECT ONE OF THE FOLLOWING SCIENCE SEQUENCES

BIOL 106 - Biological Principles I (3.00) --- And --- **BIOL 106L** - Biology Laboratory I (1.00)	←	**BIOL 1B** - General Biology (5.00)

--- And ---

BIOL 107 - Biological Principles II (3.00) --- And --- **BIOL 107L** - Biology Laboratory II (1.00)	←	**BIOL 1A** - General Biology (5.00)

--- Or ---

CHEM 101 - General Chemistry I (4.00)
--- And ---
CHEM 101L - General Chemistry I Laboratory (1.00)

← **CHEM 1A** - General Chemistry (5.00)

--- And ---

CHEM 102 - General Chemistry II (4.00)
--- And ---
CHEM 102L - General Chemistry II Laboratory (1.00)

← **CHEM 1B** - General Chemistry (5.00)

--- Or ---

GEOG 101 - The Physical Environment (3.00)
--- And ---
GEOG 102 - Physical Geography Laboratory (1.00)

← **GEOG 1** - Physical Geography (3.00)
--- And ---
GEOG 1L - Physical Geography Laboratory (1.00)

--- And ---

GEOG 103 - Weather (3.00)
--- And ---
GEOG 105 - Weather Lab (1.00)

← No Course Articulated

--- Or ---

GEOL 101 - Geology of Planet Earth (3.00)
--- And ---
GEOL 102 - Geology of Planet Earth Laboratory (1.00)

← **GEOL 1** - Introduction to Physical Geology (4.00)

--- And ---

GEOL 110 - The Fossil Record of Ancient Life on Earth (3.00)
--- And ---
GEOL 112 - Earth and Life Through Time Lab (1.00)

← No Course Articulated

--- Or ---

PHYS 100A - General Physics I (3.00)
--- And ---
PHYS 100AL - General Physics I Laboratory (1.00)

← **PHYS 2A** - General Physics (5.00)

--- And ---

ASTR 152 - Elementary Astronomy (3.00)
--- And ---
ASTR 154L - Observational Astronomy (1.00)

← **ASTR 1** - Introduction to Astronomy (3.00)
- *Lecture only; Lab is not articulated*

--- Or ---

PHYS 220A - Mechanics (3.00)
--- And ---
PHYS 220AL - Mechanics Laboratory (1.00)

← **PHYS 4A** - General Physics with Calculus (5.00)

--- And ---

PHYS 220B - Electricity and Magnetism (3.00)
--- And ---
PHYS 220BL - Electricity and Magnetism Laboratory (1.00)

← **PHYS 4B** - General Physics with Calculus (5.00)

END OF AGREEMENT