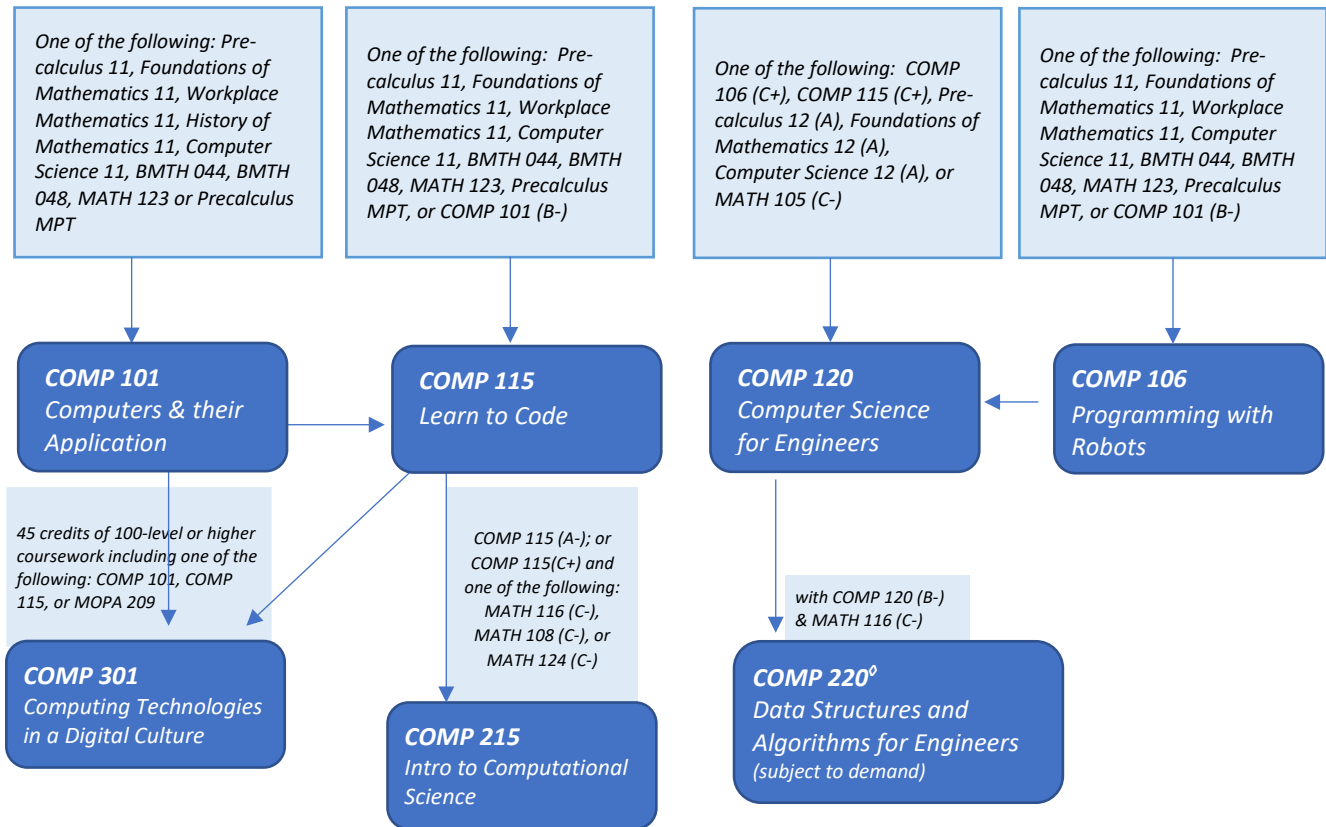# COMPUTING & DATA SCIENCE

COURSE SEQUENCE FLOW CHART

One of the following: Pre-calculus 11, Foundations of Mathematics 11, Workplace Mathematics 11, History of Mathematics 11, Computer Science 11, BMTH 044, BMTH 048, MATH 123 or Precalculus MPT

One of the following: Pre-calculus 11, Foundations of Mathematics 11, Workplace Mathematics 11, Computer Science 11, BMTH 044, BMTH 048, MATH 123, Precalculus MPT, or COMP 101 (B-)

One of the following: COMP 106 (C+), COMP 115 (C+), Pre-calculus 12 (A), Foundations of Mathematics 12 (A), Computer Science 12 (A), or MATH 105 (C-)

One of the following: Pre-calculus 11, Foundations of Mathematics 11, Workplace Mathematics 11, Computer Science 11, BMTH 044, BMTH 048, MATH 123, Precalculus MPT, or COMP 101 (B-)

COMP 101
Computers & their Application

COMP 115
Learn to Code

COMP 120
Computer Science for Engineers

COMP 106
Programming with Robots

45 credits of 100-level or higher coursework including one of the following: COMP 101, COMP 115, or MOPA 209

COMP 115 (A-); or COMP 115(C+) and one of the following: MATH 116 (C-), MATH 108 (C-), or MATH 124 (C-)

with COMP 120 (B-) & MATH 116 (C-)

COMP 301
Computing Technologies in a Digital Culture

COMP 215
Intro to Computational Science

COMP 220[0]
Data Structures and Algorithms for Engineers
(subject to demand)

April 2022