SAN DIEGO COMMUNITY COLLEGE DISTRICT

CITY COLLEGE • MESA COLLEGE • MIRAMAR COLLEGE • CONTINUING EDUCATION

DRAFT

August 28, 2019

To: Ailene Crakes, Georgina Garcia, Leroy Johnson, Nesha Savage, Tonia Teresh, Kirk Webley

From: Lynn Ceresino Neault

Subject: Clarification on Math Competency Requirement for Graduation

As you know, the District has been in the process of implementing AB 705, self-guided assessment and placement. As part of the implementation, the math faculty leadership revised the requirements to clear math competency for a degree, to course completion, similar to the English competency requirement. Effective 2019-2020, the attached list of courses will clear math competency for degree completion with a grade of "C" or higher.

Several questions have come forth regarding grandfathering students. Following is a summary of what has been agreed to by the math faculty:

1) Students graduating under an earlier catalog than 2019-20 will be grandfathered and may use either a Math skill level or course completion.

2) Students who plan to graduate under the 2019-2020 catalog or later must complete one of the approved math courses (attached).

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Competence in Mathematics
(2019-20 Catalog)

BANK 103 Introduction to Investments (MMR)
BIOL 200 Biological Statistics (M)
BUSE 101 Practical Geometry (C,M,MMR)
BUSE 115 Statistics for Business (C,M,MMR)
CHEM 251 Quantitative Analytical Chemistry (C,M,MMR)
CISC 187 Data Structures in C++ (C,M,MMR)
CISC 190 Java Programming (C,M,MMR)
CISC 192 C/C++ Programming (C,M,MMR)
CISC 201 Advanced C++ Programming
CISC 205 Object Oriented Programming using C++ (C)
CISC 246 Discrete Mathematics for Computer Science (MMR)
ECON 120 Principles of Macroeconomics (C,M,MMR)
ECON 121 Principles of Microeconomics (C,M,MMR)
ENGE 151 Engineering Drawing (C,M)
ENGE 200 Statics (C,M)
ENGE 240 Digital Systems (C)
ENGE 250 Dynamics (C,M)
ENGE 260 Electric Circuits (C,M)
HEIT 256 Statistics for Healthcare (M)
MATH 57A Beginning Algebra and Practical Descriptive Statistics (C,MMR)
MATH 59 Explorations in Foundations of Math (C)
MATH 92 Applied Beginning and Intermediate Algebra (C,M,MMR)
MATH 96 Intermediate Algebra and Geometry (C,M,MMR)
MATH 98 Technical Intermediate Algebra and Geometry (C)
MATH 104 Trigonometry (C,M,MMR)
MATH 107 Introduction to Scientific Programming (C)
MATH 109 Explorations in Mathematical Analysis (C)
MATH 115 Gateway to Experimental Statistics (C,M,MMR)
MATH 116 College and Matrix Algebra (C,M,MMR)
MATH 118 Math for the Liberal Arts Student (C,M)
MATH 119 Elementary Statistics (C,M,MMR)
MATH 121 Basic Techniques of Applied Calculus I (C,M,MMR)
MATH 122 Basic Techniques of Applied Calculus II (C,M,MMR)
MATH 141 Precalculus (C,M,MMR) MATH 150 Calculus with Analytic Geometry I (C,M,MMR)
MATH 151 Calculus with Analytic Geometry II (C,M,MMR)
MATH 210A Concepts of Elementary School Mathematics I (C,M)
MATH 210B Concepts of Elementary School Mathematics II (C,M)
MATH 215 Introduction to Teaching Mathematics (M)
MATH 245 Discrete Mathematics (C,M,MMR)
MATH 252 Calculus with Analytic Geometry III (C,M,MMR)
MATH 254 Introduction to Linear Algebra (C,M,MMR)
MATH 255 Differential Equations (C,M,MMR)
MFET 210 Statistical Process Control (C)
MFET 220 Programmable Logic Controllers (C)
PHIL 101 Symbolic Logic (C,M,MMR)
PHYS 125 General Physics (C,M,MMR)
PHYS 126 General Physics II (C,M,MMR)
PHYS 180A General Physics I (C,MMR)
PHYS 180B General Physics II (C,MMR)
PHYS 195 Mechanics (C,M,MMR)
PHYS 196 Electricity and Magnetism (C,M,MMR)
PHYS 197 Waves, Optics and Modern Physics (C,M,MMR)
POLI 201 Elementary Statistics for Political Science (C,M)
PSYC 258 Behavioral Science Statistics (C,M,MMR)