

## Secondary Education, Mathematics

Westmoreland County Community College to Clarion University of Pennsylvania

# Transfer GUIDE

This guide lists the WCCC courses in the right column that fulfill the Clarion University requirements in the left column. To transfer courses, you will need a grade of "C" or higher. The education degree requires a minimum of 120 credit hours and a 3.0 QPA for degree completion.

### CLARION REQUIREMENTS

#### General Education Requirements (48 credits)

See General Education Transfer Guide for requirements.  
(Math courses are excluded from General Education)

#### Required Proficiencies (applied to General Education)

CPSC 201	Survey of Computational Science
ED 122	Educational Psychology
ED 225	Multicultural Education
ED 350	Teaching English Language Learners
PH 258	Intro to Physics 1
CMST 113	Public Speaking Literature/Language

#### Major Requirements (minimum grade of "C" in all courses)

##### Secondary Education Core:

ED 110	Introduction to Education
ED 327	Instructional Strategies & Management
ED 329	Educational Evaluation
ED 339	Teaching & Evaluating Mathematics
SPED 418	Exceptionalities in Regular Classroom
SPED 441	Teaching Students w/Disabilities in Sec
SPED 442	Diff Inst in Inclusive Setting
ED 424	Student Teaching
ED 425	Student Teaching

#### Mathematics Specialization

MATH 270	Calculus I
MATH 271	Calculus II
MATH 272	Calculus III
MATH 300	Intro to Advanced Math
MATH 321	Interm Applied Statistics I
MATH 340	Discrete Structures
MATH 357	Modern Geometry
MATH 370	Linear Algebra
MATH 390	Junior Seminar in Mathematics
MATH 451	Modern Algebra I
MATH 490	Seminar
MATH Elective (300 level or above)	MATH 350

### WCCC EQUIVALENT COURSES

No WCCC equivalent  
PSY 165  
No WCCC equivalent  
No WCCC equivalent  
PHY 255  
SPC 155  
ENG 255, 258, 270, 271, 275, 276

EDU 155  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
CHC 188  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent

MTH 172  
MTH 173  
MTH 271  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
No WCCC equivalent  
MTH 272

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EFFECTIVE FALL 2009



## CLARION REQUIREMENTS

### **Complete Strand A or Strand B (6 credits)**

#### A. Junior High Strand:

MATH 111 Math Concepts K-8  
MATH 221 Elementary Applied Statistics

#### B. Senior High Strand: (MATH 221, 285, 301 or above)

MATH 221  
MATH Elective

### **Residency Requirement**

A minimum of 30 of the last 45 credits must be taken through Clarion University with at least 50 percent of major credits taken through Clarion.

## WCCC EQUIVALENT COURSES

MTH 180  
MTH 160

MTH 160  
No WCCC equivalent

Contact the College of Education and Human Services at 814-393-2146 with additional questions or for a copy of current selection and retention standards. A 2.8 QPA must be earned and PRAXIS I must be passed for program admission.