

Transfer Articulation Agreement

between

William Paterson University  
College of Science and Health

and

County College of Morris

for the

Associate in Science Degree in Science and Mathematics-Mathematics Option

and

Bachelor of Science and Bachelor of Arts Degrees in Mathematics

The intent of this articulation agreement is to define the procedure for a transfer articulation between William Paterson University College of Science and Health and County College of Morris. Both entities agree to mutual cooperation in establishing and maintaining articulation for their respective programs for the Associate in Science degree in Science and Mathematics-Mathematics Option transferable to Bachelor of Science and Bachelor of Arts degrees in Mathematics at William Paterson University College of Science and Health. The principal beneficiaries of this agreement are students seeking a major in Mathematics whose progress toward their degrees is best assured when they are provided with current information about courses and programs. Firm arrangements between departments and institutions provide the opportunity for these students to plan a total baccalaureate degree through program to program agreement at the outset of their college education.

William Paterson University agrees to accept all the general education credits included in the County College of Morris Associate in Science Degree in Science and Mathematics-Mathematics Option. Per its transfer credit policy, William Paterson University agrees to accept up to half of the credits required for the major. Course equivalencies for prerequisites and major courses will also be accepted (see Appendix A for specific course requirements) and will serve as the basis for equivalencies.

This agreement will become effective immediately upon the signatures of both parties. Immediately thereafter, William Paterson University will provide information packets for transfer admission, special transfer days, and other recruitment services. In turn, County College of Morris will make available to its students all information, including the list of course equivalencies pertaining to this agreement. The agreement and equivalencies will be reviewed on a regular basis.

## PRINCIPLES OF THE AGREEMENT

### COMPLETION OF PROGRAMS

County College of Morris transfer students will be required to meet all graduation requirements as listed for William Paterson University students.

### SPECIFIC REQUIREMENTS

The determination of major program requirements for a baccalaureate degree in the College of Science and Health shall be the responsibility of William Paterson University.

### ELIGIBILITY

#### A. Grade point average (GPA) requirement

For admission to William Paterson University College of Science and Health, the student will be required to earn at least a 2.0 overall average on a four-point scale.

#### B. Course equivalencies and/or area requirements. (See Appendix A)

### Students with an Associate in Science Degree in Science and Mathematics-Mathematics Option

Under the New Jersey State-Wide Agreement, students who graduate from the County College of Morris with an Associate in Science degree in Science and Mathematics-Mathematics Option and transfer to William Paterson University for a Bachelor of Science or Bachelor of Arts degree in Mathematics have completed their general education requirements. These Associate degree students are guaranteed junior status admission to William Paterson University conditional upon meeting the prerequisites of the minimum requirements for admission to the College of Science and Health. Associate degree students will be provided with individual evaluations of coursework based on course equivalencies articulated between County College of Morris and William Paterson University College of Science and Health.

### FINANCIAL AID

College students transferring into William Paterson University will be treated the same as native William Paterson University students of equal class standing when applying for financial aid and in the award and distribution of funds.

### AGREEMENT REVIEW AND UPDATE

County College of Morris and William Paterson University will assign a staff member to serve as a liaison to assure maintenance of communication between the two institutions. As necessary, County College of Morris and William Paterson University faculty shall meet to discuss academic programs, especially with regard to any changes being contemplated. William Paterson University and County College of Morris representatives will consult whenever changes in policy or curricula are articulated which will affect students transferring under the terms of this agreement. Representatives from both institutions shall also facilitate support, consultation, and collaboration between their faculties in matters related to this agreement, general education, degree requirements, education certification, and other academic matters.

Appendix A

Associate in Science Degree in Science and Mathematics-Mathematics Option  
at County College of Morris

to

Bachelor of Science and Bachelor of Arts Degrees in Mathematics  
at William Paterson University College of Science and Health

This Transfer Articulation Agreement is meant to cover students graduating with a County College of Morris Associate degree in Science and Mathematics-Mathematics Option entering the following Bachelor of Science and Bachelor of Arts programs at William Paterson University College of Science and Health:

*Mathematics – BS*  
*Mathematics – BA*  
*Integrated Math & Science -Mathematics BA*

| <b>Program</b>                                                                                           | <b>Credits</b> | <b>Courses at County College of Morris</b><br><i>(44-45 core Math required credits including 14 elective credits; additional 8 Lab Science restricted, 3 Tech, and 6 General Education elective credits.)</i> | <b>Equivalence at William Paterson University</b>                  |
|----------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <i>Associate in Science/Science and Mathematics-Mathematics Option to Mathematics BS; Mathematics BA</i> | 4              | MAT 123 Precalculus <i>(required)</i>                                                                                                                                                                         | MATH 1160 Precalculus <i>(prerequisite)</i>                        |
|                                                                                                          | 4              | MAT 131 Analytic Geometry and Calc I <i>(required)</i>                                                                                                                                                        | MATH 1600 Calculus I <i>(prerequisite)</i>                         |
|                                                                                                          | 4              | MAT 132 Analytic Geometry and Calc II <i>(required)</i>                                                                                                                                                       | MATH 1610 Calculus II <i>(required)</i>                            |
|                                                                                                          | 4              | MAT 230 Calculus III <i>(required)</i>                                                                                                                                                                        | MATH 2010 Calculus III <i>(required)</i>                           |
|                                                                                                          | 3              | MAT 232 Differential Equations <i>(required)</i>                                                                                                                                                              | MATH 3220 Differential Equations <i>(required)</i>                 |
|                                                                                                          | 3              | MAT 228 Linear Algebra <i>(Math elective)</i>                                                                                                                                                                 | MATH 2020 Linear Algebra <i>(required)</i>                         |
|                                                                                                          | 4              | PHY 125 and 126 General Physics Lecture I and Lab I <i>(Lab sci elective)</i>                                                                                                                                 | PHYS 2600 General Physics I (calculus-based) <i>(prerequisite)</i> |
|                                                                                                          | 4              | PHY 127 and 128 General Physics Lecture II and Lab II <i>(Lab sci elective)</i>                                                                                                                               | PHYS 2610 General Physics II (calculus-based) <i>(required)</i>    |

| Program                                                                                                                       | Credits | Courses at County College of Morris<br>(44-45 core Math required credits including 10 elective credits; 11 elective credits in Math/Sci/Tech including 2 restricted Laboratory Science courses; 6 General Education elective credits.) | Equivalence at William Paterson University         |
|-------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| Associate in<br>Science/Science and<br>Mathematics-Mathematics<br>Option<br>to<br>Integrated Math & Science<br>Mathematics BA | 4       | MAT 123 Precalculus (required)                                                                                                                                                                                                         | MATH 1160 Precalculus (prerequisite)               |
|                                                                                                                               | 4       | MAT 131 Analytic Geometry and Calc I (required)                                                                                                                                                                                        | MATH 1600 Calculus I (required)                    |
|                                                                                                                               | 4       | MAT 132 Analytic Geometry and Calc II (required)                                                                                                                                                                                       | MATH 1610 Calculus II (required)                   |
|                                                                                                                               | 4       | CHM 125 and 126 General Chemistry I Lecture and Lab (required Lab Science elective)                                                                                                                                                    | CHEM 1600 General Chemistry I (required)           |
|                                                                                                                               | 4       | CHM 127 and 128 General Chemistry II Lecture and Lab (required Lab Science elective)                                                                                                                                                   | CHEM 1620 General Chemistry II (required)          |
|                                                                                                                               | 3       | MAT 228 Linear Algebra (Math elective)                                                                                                                                                                                                 | MATH 2020 Linear Algebra (required)                |
|                                                                                                                               | 4       | BIO 101 Anatomy and Physiology (General Education elective)                                                                                                                                                                            | BIO 1140 Applied Anatomy and Physiology (required) |
|                                                                                                                               | 4       | BIO 127 Bio of Environmental Concerns (General Education elective)                                                                                                                                                                     | ENV 1100 Environmental Sustainability (required)   |
|                                                                                                                               | 4 to 3  | CMP 126 Computer Tech & Applications (Technology elective)                                                                                                                                                                             | CS 2010 Computer and Information (required)        |

Notes:

1. William Paterson University recommends students take two semesters of one foreign language at the community college. Two semesters of American Sign Language can also fulfill the foreign language requirement.
2. William Paterson University will accept all associate degree credits under this program-to-program articulation agreement, including up to half of the William Paterson University major required credits, from New Jersey community college students who enroll at William Paterson University Fall 2015 and beyond.

Transfer Articulation Agreement

between

William Paterson University College of Science and Health  
Bachelor of Science and Bachelor of Arts Degrees in Mathematics

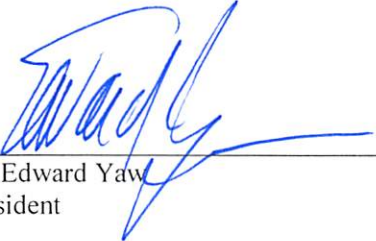
and

County College of Morris  
Associate in Science Degree in Science and Mathematics-Mathematics Option

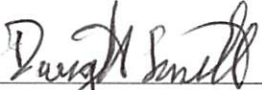
Date: 9/24/15

For County College of Morris

For William Paterson University


  
\_\_\_\_\_  
Dr. Edward Yaw  
President

  
\_\_\_\_\_  
Dr. Kathleen Waldron  
President

  
\_\_\_\_\_  
Dr. Dwight Smith  
Vice President for Academic Affairs

  
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Dr. Warren Sandmann  
Provost and Senior Vice President for  
Academic Affairs

  
\_\_\_\_\_  
Dean

  
\_\_\_\_\_  
Dr. Kenneth Wolf  
Dean, College of Science and Health