

# PACE UNIVERSITY ARTICULATION AGREEMENT WITH WESTCHESTER COMMUNITY COLLEGE

and the

## THE SCHOOL OF COMPUTER SCIENCE AND INFORMATION SYSTEMS

| Courses for WCC<br>A.A.S CIS  | Credits | Core       | Major    | Minor/<br>Conc. | Electives | Pace University Equivalent<br>B.S. Information Systems   | Credits<br>Transferable<br>to Univ. |
|---|---------|------------|----------|-----------------|-----------|--|-------------------------------------|
| <b>Major courses</b>  |         |            |          |                 |           |  |                                     |
| DP 103 Computer Information Systems   | 3       | <b>3</b>   |          |                 |           | <b>CIS 101 Introduction to Computing</b>   | <b>3</b>                            |
| DP 108A Object Orientated Programming Logic   | 3       |            | <b>3</b> |                 |           | <b>IS Elective (make-up 2 credits) plus one free elective</b>  | <b>3</b>                            |
| DP 110 Visual Basic for Business  | 3       |            | <b>2</b> |                 | <b>1</b>  | <b>Substitute for IS 323 (minus one credit)</b>  | <b>3</b>                            |
| DP 206A C++ Programming for Business  | 3       |            | <b>3</b> |                 |           | <b>IS 223 C/C++ Programming (minus one credit)</b>   | <b>3</b>                            |
| DP 208 Java Programming for Business  | 3       |            | <b>3</b> |                 |           | <b>IS Elective (make-up one credit)</b>  | <b>3</b>                            |
| DP 210 Internet Technologies  | 3       |            | <b>3</b> |                 |           | <b>IS Elective (IS 396D Internet Programming)</b>  | <b>3</b>                            |
| <i>or</i>   |         |            |          |                 |           | <i>or</i>  |                                     |
| DP 235B Telecommunications for Business   |         |            |          |                 |           | <b>IS 351 Business Data Communications (minus one credit)</b>  |                                     |
| DP 215B Web Based Systems Analysis  | 3       |            | <b>3</b> |                 |           | <b>IS 241 Information Systems Concepts (minus one credit)</b>  | <b>3</b>                            |
| DP 220B Database Management Systems   | 3       |            | <b>3</b> |                 |           | <b>IS 481 Database Management (minus one credit)</b>   | <b>3</b>                            |
| ACC 119 Financial Accounting  | 4       |            |          | <b>4</b>        |           | <b>ACC 203 Financial Accounting</b>  | <b>4</b>                            |
| ACC 120 Managerial Accounting   | 4       |            |          | <b>4</b>        |           | <b>ACC 204 Managerial Accounting</b>   | <b>4</b>                            |
| MGT 101 Business Organization & Management  | 3       |            |          | <b>3</b>        |           | <b>MGT 250 Managerial &amp; Organizational Concepts</b>  | <b>3</b>                            |
| MKT 101 Marketing   | 3       |            |          | <b>3</b>        |           | <b>MAR 250 Principles of Marketing</b>   | <b>3</b>                            |
|   |         |            |          |                 |           |  |                                     |
|   |         |            |          |                 |           |  |                                     |
| <b>Core</b>   |         |            |          |                 |           |  |                                     |
| ENG 101 Composition & Literature I  | 3       | <b>3</b>   |          |                 |           | <b>ENG 110 Composition</b>   | <b>3</b>                            |
| ENG 102 Composition & Literature II   | 3       | <b>3</b>   |          |                 |           | <b>ENG 120 Critical Writing</b>  | <b>3</b>                            |
| MAT 113 Statistics or<br>MAT 119 Calculus for Business & ECO or<br>MAT 121 Calculus I or<br>MAT 130 Discrete Math   | 3-4     | <b>3-4</b> |          |                 |           | <b>MAT 234 Statistics or<br/>MAT 111 Calculus for Business or<br/>MAT 131 Calculus I or<br/>MAT 137 Discrete Math</b>  | <b>3-4</b>                          |
| BIOL 101 Biological Science or<br>BIOL 115 BIO I or<br>BIOL 121A A & P I or<br>BIOL 143/144 Environmental Science or<br>CHEM 107 Inorganic Chemistry I or<br>CHEM 121 General Chemistry I or<br>PHYSC 101/102 Engr. Phys. I & Lab | 3-4     | <b>3-4</b> |          |                 |           | <b>BIO 110 The Biological World or<br/>BIO 101 General Biology I or<br/>BIO 152 Anatomy &amp; Physiology I or<br/>ENV 121 Environmental Science I or<br/>CHE 111 General Chemistry I or<br/>CHE 101 General Chemistry I or<br/>PHY 111 General Physics I</b> | <b>3-4</b>                          |
| Math or Science (see above)   | 3-4     | <b>3-4</b> |          |                 |           | <b>Core</b>  | <b>3-4</b>                          |
| Choose two courses from the following:<br>Behavioral Science<br>Humanities<br>Social Science  | 6       | <b>6</b>   |          |                 |           | <b>Core</b>  | <b>6</b>                            |
| Liberal Arts Elective   | 3       | <b>3</b>   |          |                 |           | <b>Core</b>  | <b>3</b>                            |

