## Pitt-Johnstown Program to Program Plan Computer Science AS to Computer Science - Applied Track BS AS Degree 62-64 Credits

## Semester I

| Course ID         | Course Name                                  | Credits | Pitt Johnstown Program Equivalent | Credits |
|-------------------|--|---------|-----------------------------------|---------|
| ACP 100           | Academic and Career Planning                 | 1       | INDIST 0004                       | 1       |
| ENG 110           | English Composition I                        | 3       | ENGCMP 0005                       | 3       |
| MAT 210           | Calculus 1                                   | 4       | MATH 0221                         | 4       |
| CSC 101           | Introduction to Computer Science             | 3       | CS 0100                           | 3       |
| CSC 126           | Programming 1                                | 3       | CS 0411                           | 3       |
|                   | Total Credits                                | 14      |                                   |         |
| Semester II       |  |         |                                   |         |
| ENG 200           | English Composition II/Studies in Literature | 3       | ENGLIT 0088                       | 3       |
| PHI 245           | Symbolic Logic                               | 3       | PHIL 1501                         | 3       |
| COM 101           | Public Speaking                              | 3       | COMMRC 0052                       | 3       |
| CSC 206           | Programming II                               | 3       | CS 0457                           | 3       |
| Elective (SS)     | Social Science Elective                      | 3       | See transfer credit chart         | 3       |
| · ·               | Total Credits                                | 15      |                                   | •       |
| Semester III      |  |         |                                   |         |
| CSC 211           | Survey of Programming Languages              | 3       | CS 0047 and CS 0410               | 2       |
| CIT 173 or IT 132 | Windows Enterprise Desktop OS or             | 3       | NA                                | NA      |
|                   | Local Area Networks                          | 4       |                                   |         |
| PHY 120/121 or    | Physics I (Calc-based) w/Lab or              | 4       | PHYS 0000 NE                      | 4       |
| CHM 120           | General Chemistry I                          |         | CHEM 0000 NE                      |         |
| MAT 204           | Discrete Mathematics                         | 3       | MATH 0401                         | 3       |
| Elective (HM)     | Humanities Elective                          | 3       | See transfer credit chart         | 3       |
|                   | Total Credits                                | 16/17   |                                   |         |
| Semester IV       |  |         |                                   |         |
| CSC 215           | Data Structures                              | 3       | CS 0455                           | 3       |
| CSC 220           | Computer Organization and Architecture       | 4       | CS 0456/0046                      | 3       |
| CIT 222 or        | Linux Operating System or                    | 3       | NA                                | NA      |
| CIT 237           | TCP/IP Connectivity and Troubleshooting      |         |                                   |         |
| PHY 130/131 or    | Physics II (Calc-based) w/Lab or             | 4       | PHYS 0000 NE                      | 4       |
| CHM 122           | General Chemistry II                         |         | CHEM 0000 NE                      |         |
| Elective (SS)     | Social Science Elective                      | 3       | See transfer credit chart         | 3       |
|                   | Total Credits                                | 17      | •                                 |         |

\*\*Per Articulation Agreement between Penn Highlands Community College and the University of Pittsburgh at Johnstown, students completing the Associate of Science degree as outlined above will seamlessly transfer into the designated degree program above. Application and Admissions requirements for Pitt-Johnstown apply.

## **Additional Electives**

Pitt Johnstown Bachelor's degrees require several credits of FREE electives. This means you are able to select not only direct course equivalencies from the list below, but also courses marked as NE (Non-equivalent) with a credit value. NE courses will be applied to the Pitt Johnstown FREE elective requirement.

For a complete list of Pennsylvania Highlands course equivalencies for Pitt-Johnstown, please visit https://www.johnstown.pitt.edu/academics/office-registrar/transfer-credits-guidelines/two-year-transfer-credit-equivalencies