



**TRANSFER GUIDE - ASSOCIATE DEGREE PROGRAMS**

**NTC Program: IT - Software Developer**

**UW-Stevens Point Program: CIS Application Development**

**Minimum GPA for admission: 2.5**

**Initial effective date: January 2019**

**General Education Courses**

| NTC  |   |           | UW - Stevens Point                               |  |           |
|--|---|-----------|--|--|-----------|
| Course No.                                     | Course Title                            | Credits   | Course No.                                       | Course Title/Field                     | Credits   |
| 10-801-196                                     | Oral/Interpersonal Communications       | 3         | COMM   | SS Elective                            | 3         |
| 10-801-195                                     | Written Communication <u>OR</u>         | 3         | ENGL 101   | Freshman English                       | 3         |
| 10-801-136                                     | English Composition 1                   |           |  |  |           |
| 10-804-189                                     | Introductory Statistics                 | 3         | MATH 355   | Elementary Statistics Methods          | 3         |
| 10-809-199                                     | Psychology of Human Relations <u>OR</u> | 3         | PSYC EL  | Psychology Elective                    | 3         |
| 10-809-198                                     | Intro to Psychology                     |           |  |  |           |
| 10-809-166                                     | Intro to Ethics: Theory & App           | 3         | PHIL 101   | Introduction to Ethics in Society (HU) | 3         |
| 10-804-133                                     | Math & Logic                            | 3         | NDC  | No Degree Credit                       |           |
| <b>Total general education credits earned:</b> |   | <b>18</b> |  |  |           |
| Total transferable general education credits:  |   | 15        | <b>Total general education credits accepted:</b> |  | <b>15</b> |

**Occupational Courses**

| Course No. | Course Title                           | Credits | Course No. | Course Title                       | Credits |
|------------|--|---------|------------|------------------------------------|---------|
| 10-152-223 | User Experience Design                 | 3       | WD 201     | Interaction Design                 | 3       |
| 10-152-331 | Data Concepts                          | 3       | CIS 210    | Database Design and Implementation | 3       |
| 10-152-500 | IT Development and Design Fundamentals | 1       | WD 201     | Interaction Design                 | 1       |
| 10-152-501 | Programming Concepts A                 | 1       | CNMT 100   | Principles of Computing            | 1       |
| 10-152-502 | Programming Concepts B                 | 1       | CNMT 100   | Principles of Computing            | 1       |
| 10-152-503 | Programming Concepts C                 | 1       | CNMT 100   | Principles of Computing            | 1       |
| 10-152-211 | Web Design I                           | 3       | CNMT 210   | Web Design and Development I       | 3       |
| 10-152-332 | Database Design and SQL                | 3       | CIS 210    | Database Design and Implementation | 1       |
|            |  |         | CIS 1XXT   | Elective credits                   | 2       |
| 10-152-391 | Collaborative Application Development  | 3       | CIS 2XXT   | Elective credits                   | 3       |
| 10-152-504 | Object - Oriented Programming A        | 1       | CNMT 110   | Object-Oriented Programming        | 1       |
| 10-152-505 | Object - Oriented Programming B        | 1       | CNMT 110   | Object-Oriented Programming        | 1       |
| 10-152-506 | Object - Oriented Programming C        | 1       | CNMT 110   | Object-Oriented Programming        | 1       |
| 10-152-510 | Advanced .Net Programming A            | 1       | CNMT 110   | Object-Oriented Programming        | 1       |
| 10-152-511 | Advanced .Net Programming B            | 1       | CIS 2XXT   | Elective credits                   | 1       |
| 10-152-512 | Advanced .Net Programming C            | 1       | CIS 2XXT   | Elective credits                   | 1       |

|                          |   |           |                    |   |           |
|--------------------------|---|-----------|--------------------|---|-----------|
| 10-152-310               | Client-Side Web Development 1                           | 3         | CNMT 210<br>WD 211 | Web Design and Development I<br>Web Design and Development II | 1<br>2    |
| 10-152-333               | Advanced Data Management                                | 3         | CIS 2XXT           | Elective credits  | 3         |
| 10-152-392               | Software Architecture                                   | 3         | CIS 220            | Systems Analysis and Design                                   | 3         |
| 10-152-507               | Object - Oriented Design A                              | 1         | CIS 220            | Systems Analysis and Design                                   | 1         |
| 10-152-508               | Object - Oriented Design B                              | 1         | CIS 2XXT           | Elective credits  | 1         |
| 10-152-509               | Object - Oriented Design C                              | 1         | CIS 2XXT           | Elective credits  | 1         |
| 10-152-351               | Client-Side Web Development 2                           | 3         | WD 211<br>WD 2XXT  | Web Design and Development II<br>Elective credits             | 2<br>1    |
| 10-152-362<br>10-152-337 | Open-Source Web Development <u>OR</u><br>Data Analytics | 3         | WD 2XXT            | Elective credits  | 3         |
| 10-152-393               | Application Development Capstone Project                | 3         | CIS 2XXT           | Elective credits  | 3         |
|                          | <b>Total occupational course credits earned:</b>        | <b>46</b> |                    | <b>Total occupational course credits accepted:</b>            | <b>46</b> |
|                          | <b>Elective credits allowed:</b>                        |           |                    | <b>Elective credits allowed:</b>                              |           |
|                          | <b>Total credits required for graduation:</b>           | <b>64</b> |                    |   |           |
|                          | <b>Total transferable credits:</b>                      | <b>61</b> |                    | <b>Total credits accepted at UWSP:</b>                        | <b>61</b> |

**Additional courses to take to transfer to UWSP:**

**Courses needed to complete degree at UW-Stevens Point:**

| Course No. | Course Title          | Credits | Course No. | Course Title                            | Credits |
|------------|-----------------------|---------|------------|---|---------|
|            |                       |         |            | <b>Major Credits</b>                    |         |
|            |                       |         | CIS 120    | Data Structures and Algorithms          | 4       |
|            |                       |         | CIS 150    | Data Communication and Networks         | 4       |
|            |                       |         | CNMT 310   | Production Programming                  | 4       |
|            |                       |         | CIS 340    | Advanced Techniques in App. Development | 4       |
|            |                       |         | CIS 341    | Interactive Web Programming             | 4       |
|            |                       |         | MATH 209   | Math for Information Sciences           | 4       |
|            |                       |         | CIS 3XX    | Choose from five options                | 4       |
|            |                       |         | CIS 3XX    | Choose from five options                | 4       |
|            |                       |         | CIS 3XX    | Choose from five options                | 4       |
|            |                       |         | CNMT 410   | Professional IT Communication           | 4       |
|            |                       |         | CNMT 480   | Applied System Development Project      | 4       |
|            |                       |         |            | <b>General Education Credits</b>        |         |
|            |                       |         | WLN        | Wellness                                | 1       |
| 10-801-198 | Speech*               | 3       | COMM 101   | Oral Communication (Comm 101)           | 3       |
|            |                       |         | 3XX        | Interdisciplinary Studies               | 3       |
| 10-801-155 | English Composition 2 | 3       | ENGL 202   | ENGL 202                                | 3       |
|            |                       |         | CHEM 100   | Chemistry for the Citizen               | 3       |
|            |                       |         | HIST 101   | World History to 1500                   | 3       |
|            |                       |         | HIST 176   | United States to 1877                   | 3       |
|            |                       |         | 3XX        | Investigation Level (ART)               | 3       |

\* Recommended for students to take at NTC for better transfer of credits.

|   |                                |           |
|---|--------------------------------|-----------|
| 3XX   | Investigation Level (HU)       | 3         |
| ELA   | Experiential Learning Activity | 0         |
|   |                                |           |
|   |                                |           |
| <b>Total credits needed at UWSP to complete degree:</b> |                                | <b>69</b> |

Disclaimer: Students planning to transfer should contact NTC's Transfer Specialist and transfer personnel at UWSP for the most current transfer information.

**Updated on: 01/16/19**