



## Water Quality Technology - Academic Planner

Associate of Applied Science Degree: 10-527-2

Campus: Online

Curriculum for 2014-2015

2/1/2014

Program Advisor: \_\_\_\_\_

| ✓  | T/G | Course |     | Title  | Hours / Week |     |       | Total |         | Prerequisites and/or Corequisites   | Typically Offered |          |           | Comments                    |   |  |  |
|--|-----|--------|-----|--|--------------|-----|-------|-------|---------|---|-------------------|----------|-----------|-----------------------------|---|--|--|
|  |     | Subj   | Num |  | Lec          | Lab | Other | Hours | Credits |   | S                 | F        | SP        |                             |   |  |  |
| <b>Term 1:</b>   |     |        |     |  |              |     |       |       |         |   | <b>S</b>          | <b>F</b> | <b>SP</b> |                             |   |  |  |
| <b>New Program Students: Attend New Student Orientation and your Priority Registration Session</b> |     |        |     |  |              |     |       |       |         |   |                   |          |           |                             |   |  |  |
|  |     | 103    | 159 | **Computer Literacy - Microsoft Office           |              | 2   |       | 36    | 1       |   |                   | x        | x         | x                           | **Institutional Requirement. May be eligible for Advanced Standing. |  |  |
|  | T   | 527    | 100 | Introduction to Wastewater Treatment             | 3            |     |       | 54    | 3       |   |                   |          | x         | x                           |   |  |  |
|  | T   | 527    | 130 | Groundwater Supply and Distribution              | 3            |     |       | 54    | 3       | Completion of or concurrent enrollment in 890-101 College 101   |                   |          | x         | x                           |   |  |  |
|  | G   | 801    | 136 | English Composition 1                            | 3            |     |       | 54    | 3       |   | x                 | x        | x         |                             |   |  |  |
|  | G   | 804    | 107 | College Mathematics                              | 3            |     |       | 54    | 3       |   | x                 | x        | x         |                             |   |  |  |
|  |     | 890    | 101 | **College 101                                    | 2            |     |       | 36    | 2       |   | x                 | x        | x         | **Institutional Requirement |   |  |  |
| <b>Total 1st Term Credits</b>  |     |        |     |  |              |     |       |       |         |   |                   |          |           |                             |   |  |  |
| <b>Term 2:</b>   |     |        |     |  |              |     |       |       |         |   | <b>S</b>          | <b>F</b> | <b>SP</b> |                             |   |  |  |
|  | T   | 527    | 103 | Conventional Wastewater Treatment                | 3            |     |       | 54    | 3       | Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment                              |                   |          |           | x                           |   |  |  |
|  | T   | 527    | 111 | Water Chemistry                                  | 4            |     |       | 72    | 4       | Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment; 804-107 College Mathematics |                   |          |           |                             | x   |  |  |
|  | T   | 527    | 131 | Surface Water Supply and Treatment               | 3            |     |       | 54    | 3       | Completion of or concurrent enrollment in 527-130 Groundwater Supply and Distribution; 103-159 Computer Literacy    |                   |          |           |                             | x   |  |  |
|  | G   | 801    | 196 | Oral and Interpersonal Communication <b>(or)</b> | 3            |     |       | 54    | 3       |   | x                 | x        | x         |                             |   |  |  |
|  | G   | 801    | 197 | Technical Reporting                              |              |     |       |       |         | 801-136 English Composition 1   |                   |          | x         | x                           |   |  |  |
|  | G   | 809    | 166 | Introduction to Ethics: Theory and Application   | 3            |     |       | 54    | 3       | 801-136 English Composition 1   | x                 | x        | x         |                             |   |  |  |
| <b>Total 2nd Term Credits</b>  |     |        |     |  |              |     |       |       |         |   |                   |          |           |                             |   |  |  |

| ✓  | T/G | Course |     | Title   | Hours / Week |     |       | Total |           | Prerequisites and/or Corequisites   | Typically Offered |          |           | Comments   |   |
|--|-----|--------|-----|---|--------------|-----|-------|-------|-----------|---|-------------------|----------|-----------|--|---|
|  |     | Subj   | Num |   | Lec          | Lab | Other | Hours | Credits   |   | S                 | F        | SP        |  |   |
| <b>Term 3:</b>   |     |        |     |   |              |     |       |       |           |   | <b>S</b>          | <b>F</b> | <b>SP</b> |  |   |
|  | T   | 527    | 105 | Advanced Wastewater Treatment Processes                     | 4            |     |       | 72    | 4         | Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment  |                   | x        |           |  |   |
|  | T   | 527    | 120 | Hydraulics of Water and Wastewater                          | 3            |     |       | 54    | 3         | Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment; 804-107 College Mathematics           |                   |          | x         |  |   |
|  | T   | 527    | 136 | Equipment Maintenance and Instrumentation                   | 4            |     |       | 72    | 4         | Completion of or concurrent enrollment in 527-100 Introduction to Wastewater Treatment; 527-111 Water Chemistry               |                   |          | x         |  |   |
|  | T   | 527    | 129 | Utility Management  | 3            |     |       | 54    | 3         |   |                   |          | x         |  |   |
|  | G   | 809    | 198 | Introduction to Psychology (or)                             | 3            |     |       | 54    | 3         |   | x                 | x        | x         |  |   |
|  | G   | 809    | 199 | Psychology of Human Relations                               |              |     |       |       |           |   | x                 | x        | x         |  |   |
|  |     |        |     | Total 3rd Term Credits                                      |              |     |       |       | <b>17</b> |   |                   |          |           | Recommend 3 credit elective be taken during Term 3 |   |
| <b>Term 4:</b>   |     |        |     |   |              |     |       |       |           |   | <b>S</b>          | <b>F</b> | <b>SP</b> |  |   |
| <b>Apply for Graduation when completing Term 4 registration</b>  |     |        |     |   |              |     |       |       |           |   |                   |          |           |  |   |
|  | T   | 527    | 171 | Water Quality Internship                                    |              |     |       | 216   | 3         | 527-100 Intro to Wastewater Treatment; 527-103 Conventional Wastewater Treatment; 527-130 Groundwater Supply and Distribution | x                 |          |           | x  | Typically offered only in summer. May be taken in the summer prior to Term 4 or after Term 4. |
|  | T   | 527    | 125 | Industrial Wastes   | 3            |     |       | 54    | 3         | 527-100 Introduction to Wastewater Treatment; 527-103 Conventional Wastewater Treatment                                       |                   |          |           | x  |   |
|  | T   | 527    | 150 | Advanced Water Treatment*                                   | 3            |     |       | 54    | 3         | 527-130 Groundwater Supply and Distribution; 527-131 Surface Water Supply and Treatment                                       |                   |          |           | x  |   |
|  | G   | 809    | 195 | Economics   | 3            |     |       | 54    | 3         | 801-136 English Composition 1   | x                 | x        | x         |  |   |
|  | G   | 809    | 196 | Introduction to Sociology                                   | 3            |     |       | 54    | 3         | 801-136 English Composition 1   | x                 | x        | x         |  |   |
|  |     |        |     | Total 4th Term Credits                                      |              |     |       |       | <b>15</b> |   |                   |          |           |  |   |
|  |     |        |     | Additional Credits of Electives Required                    |              |     |       |       | <b>3</b>  |   |                   |          |           |  |   |
|  |     |        |     | <b>Total Program Credits and Institutional Requirements</b> |              |     |       |       | <b>66</b> |   |                   |          |           |  |   |
| <b>**The credits for 103-159 Computer Literacy-Microsoft Office and 890-101 College 101 are Institutional Requirements for graduation. Consequently, they are not part of the program credit requirements.</b> |     |        |     |   |              |     |       |       |           |   |                   |          |           |  |   |
| <b>*527-150 Advanced Water Treatment includes an exit assessment which is a graduation requirement for the program.</b>  |     |        |     |   |              |     |       |       |           |   |                   |          |           |  |   |

T/G: T - Technical Studies course; G - General Studies course

Semester Codes: S-Summer; F-Fall; SP-Spring

Curriculum and program acceptance requirements are subject to change.

If Student Success Center or General College courses (ie: 831-103 Intro to College Writing, 838-104 Intro to College Reading, 834-109 Pre-Algebra) are required based on college placement; or if the student elects part-time enrollment, the time required to complete the program will increase.

For a complete list of course descriptions for this program, please consult the College Catalog at <http://www.morainepark.edu/MPTCCatalog>.

Suggested Elective: \_\_\_\_\_

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