

**Semester 1**

| <b>Course ID</b>             | <b>Course Title</b>  | <b>Credits</b> | <b>Pre/Co-requisites</b>   |
|------------------------------|--|----------------|--|
| ENC 1101                     | English Composition I  | 3              | Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption). |
| Humanities                   | ARH 1000, HUM 1020, LIT 2000, MUL 1010, PHI 2010, THE 2000                                       | 3              | Note: ENC 1101 is a prerequisite to LIT 2000.  |
| MAC 1105                     | College Algebra  | 3              | Prerequisite: MAT 1033♦<br>♦Students must seek advisement for proper mathematics course from discipline chairperson.   |
| ETD 1110                     | Technical Drawing 1  | 4              |  |
| CSP<br>---OR---<br>CGS 1060C | Computer Skills Placement (CSP)<br>---OR---<br>Introduction to Computer Technology & Application |                | <b>Departmental Recommendation:</b> Computer Skills Placement (CSP)  |
| <b>Semester Credits</b>      |  | <b>13</b>      |  |

**Semester 2**

| <b>Course ID</b>        | <b>Course Title</b>   | <b>Credits</b> | <b>Pre/Co-requisites</b>                                   |
|-------------------------|---|----------------|--|
| ETD 1542                | Structural Drafting   | 4              | Prerequisite: ETD 1110                                     |
| ETG 2502                | Statics   | 3              | Prerequisite: MAC 1105                                     |
| MAC 1114                | Trigonometry  | 3              | Prerequisite: MAC1105 or MAC1106                           |
| Elective                | EGN 2200, EGS 1111C, EGS 1220C, ETC 1250, ETC 1930, ETC 2201, ETC 2207, ETC 2210C, ETI 2121, ETM 1313C, SUR 1001C, SUR 1640C, SUR 2330C | 4              | <b>Note:</b> Check with advisor for requisite information. |
| <b>Semester Credits</b> |   | <b>14</b>      |  |

**Semester 3**

| <b>Course ID</b>        | <b>Course Title</b>   | <b>Credits</b> | <b>Pre/Co-requisites</b>                                   |
|-------------------------|---|----------------|--|
| Social Science          | AMH 2010, AMH 2020, POS 2041  | 3              |  |
| Natural Science         | AST 1002, BSC 1005, CHM 1020, ESC 1000, EVR 1001, GLY 1010, OCE 1001, PHY 1020  | 3              | <b>Note:</b> Check with advisor for requisite information  |
| Elective                | EGN 2200, EGS 1111C, EGS 1220C, ETC 1250, ETC 1930, ETC 2201, ETC 2207, ETC 2210C, ETI 2121, ETM 1313C, SUR 1001C, SUR 1640C, SUR 2330C | 3              | <b>Note:</b> Check with advisor for requisite information. |
| <b>Semester Credits</b> |   | <b>9</b>       |  |

**Semester 4**

| <b>Course ID</b>        | <b>Course Title</b>    | <b>Credits</b> | <b>Pre/Co-requisites</b>           |
|-------------------------|------------------------|----------------|------------------------------------|
| ETC 2450                | Concrete Construction  | 3              | Prerequisite: ETG 2502             |
| ETG 2530C               | Strengths of Materials | 3              | Prerequisite: ETG 2502             |
| SUR 1101C               | Surveying 1            | 4              | Prerequisite: MAC 1114 or MAC 1147 |
| SUR 2462C               | Subdivisions           | 3              |                                    |
| <b>Semester Credits</b> |                        | <b>13</b>      |                                    |

**Semester 5**

| <b>Course ID</b>        | <b>Course Title</b>    | <b>Credits</b> | <b>Pre/Co-requisites</b>             |
|-------------------------|------------------------|----------------|--------------------------------------|
| SUR 1202C               | Surveying 2            | 4              | Prerequisite: SUR 1101C              |
| SUR 2400C               | Land Surveying 1       | 3              | Prerequisite: SUR 1101C              |
| SUR 2404C               | Land Surveying 2       | 3              | Prerequisite: SUR 2400C              |
| SUR 2301C               | Topography and Mapping | 4              | Permission of department chairperson |
| <b>Semester Credits</b> |                        | <b>14</b>      |                                      |
| <b>Program Total</b>    |                        | <b>63</b>      |                                      |

**Academic Pathway at MDC:** The AS in Civil Engineering Technology is a pathway to the [BAS in Supervision and Management](#). To learn more about the courses listed see [College Catalog](#).