## Work Sheet - Civil Engineering Technology (CVT)

# Diploma Degree in Civil Engineering Technology (69 Credit Hours) - Work Sheet

### Minimum Civil Core Requirements (37 Credit hours)

| | Course Code | Course Title | CR | Pre: Req, ConP | Other Information | Term | Comments |
|---|---|---|---|---|---|---|---|
| ☐ | **ARET 123** | Graphics for Civil Engineering and Construction | 2 | None | | | |
| ☐ | **ARET 124** | Architectural Engineering Construction I | 3 | ARET 123, ConP: ARET 167 | | | |
| ☐ | **ARET 167** | Construction Systems and Materials | 3 | None | | | |
| ☐ | **CVT 104** | Principles and Practices of Geomatics | 4 | ConP: ARET 123 | | | |
| ☐ | **CVT 105** | Route Surveying and Design | 3 | CVT 104, ARET 123, ConP: MA 165 | | | |
| ☐ | **CVT 181** | Introductory Structural Mechanics | 4 | CVT 197 | | | |
| ☐ | **CVT 197** | Statics | 3 | PHYS 218, ConP: MA 166 | | | |
| ☐ | **CVT 253** | Hydraulics | 3 | ConP: CVT 181 | | | |
| ☐ | **CVT 266** | Engineering Materials I | 3 | CVT 197, STA 206 | | | |
| ☐ | **CNET 276** | Specs, Contracts and Codes | 3 | None | | | |
| ☐ | **CNET 280** | Quantity Estimating | 3 | CNET 276 | | | |
| ☐ | **CVT 298** | Dynamics | 3 | CVT 197 | | | |

Civil Core Req. Credits Planned (37 Credits) _____ Tech. Core Req.Credits Completed _____ Tech. Core Req.Cr. Remaining _____

*ACM reserves the right to change program content, course requirements, materials, course offerings, and/or schedules as deemed necessary.*

## Math and Science Requirements (15 Credit Hours)

### Quantitative reasoning (11 Credit Hours)

| | Course Code | Course Title | CR | Pre: Req, ConP | Other Information | Term | Comments |
|---|---|---|---|---|---|---|---|
| ☐ | **MA 165** | Analytic Geometry and Calculus I | 4 | Pre: Placement Test or Pre: MA 158, or MAT 110 or MA 159 | | | |
| ☐ | **MA 166** | Analytic Geometry and Calculus II | 4 | Pre: MA 165 or MA 227 | | | |
| ☐ | **STA 206** | Statistical Methods | 3 | Pre: MA 166 | | | |

Quantitative Reas. Credits Planned (11 Credit) _____ Quantitative Reas .Credits Completed _____Quantitative Reas .Credits. Remaining _____

### Scientific Ways of Knowing (4 Credit Hours)

| | Course Code | Title | CR | Pre: Req, ConP | Other Information | Term | Comments |
|---|---|---|---|---|---|---|---|
| ☐ | **PHYS 218** | Modern Mechanics | 4 | Pre: MA 159 or MA 161 or MA 223 or ConP: MA 165 or MA 227 | | | |

Scie. Ways of Knowing Cr. Planned (4 credit) _____ Scie. Ways of Knowing Cr. Completed _____ Scie. Ways of Knowing Cr. Remaining _____

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## Liberal Arts Requirements (17 Credit Hours)

### English Language and Communication Skills (10 Credit Hours)

| | Course Code | Course Title | CR | Pre: Req, ConP | Other Information | Term | Comments |
|---|---|---|---|---|---|---|---|
| ☐ | **ENGL 100** | English for Academic Studies | 3 | | | | |
| ☐ | **ENGL 107** | First Year Composition | 4 | Pre: ENGL 100 | | | |
| ☐ | **COM 114** | Fundamentals of Speech Communication | 3 | Pre: ENGL 100 | | | |

### General Education and Professional Electives Requirement (7 credit hours)

| | Course Code | Course Title | CR | Pre: Req, ConP | Other Information | Term | Comments |
|---|---|---|---|---|---|---|---|
| ☐ | | | | | | | |
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| ☐ | | | | | | | |

Liberal Arts Cr. Planned (17 Credit) _____ Cr. Completed _____ Cr. Remaining _____

**Total Credits Required for Degree: 69** **Total Credits Planned: _____** **Total Credits Completed: _____** **Total Credits Remaining: _____**

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