



**ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE**  
**Building/Construction Site Management**  
 PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

**Student Name:** \_\_\_\_\_ **Aims #** \_\_\_\_\_ **Graduation Evaluator:** \_\_\_\_\_  
**Advisor:** \_\_\_\_\_ **Ext.** \_\_\_\_\_ **Date:** \_\_\_\_\_

| <u>Course Number</u> | <u>Requirements</u>                        | <u>Required Credits</u> | <u>Term Completed</u> | <u>Transfer Credits</u> | <u>Transfer School</u> | <u>Needs</u> |
|----------------------|--|-------------------------|-----------------------|-------------------------|------------------------|--------------|
| AEC 205              | Applied Statics and Strengths of Materials | 3                       |                       |                         |                        |              |
| AEC 221              | Building Electrical/Mechanical Systems     | 3                       |                       |                         |                        |              |
| AEC 231              | Estimating II: Cost Analysis               | 3                       |                       |                         |                        |              |
| AEC 232              | Construction Project Management            | 3                       |                       |                         |                        |              |
| AEC 233              | Construction Safety & Loss Prevention      | 2                       |                       |                         |                        |              |
| AEC 234              | Construction Contract and Labor Law        | 2                       |                       |                         |                        |              |
| ARC 107              | Blueprint Reading (Residential/Commercial) | 3                       |                       |                         |                        |              |
| ARC 226              | Construction Scheduling                    | 3                       |                       |                         |                        |              |
| ARC 236              | Codes/Zoning/Specifications                | 3                       |                       |                         |                        |              |
| CAD 101              | Computer Aided Drafting I                  | 3                       |                       |                         |                        |              |
| ENT 142              | Surveying II                               | 4                       |                       |                         |                        |              |
| ENT 146              | Construction Materials and Methods         | 3                       |                       |                         |                        |              |
| ENT 210              | Soil Mechanics                             | 2                       |                       |                         |                        |              |
| ENT 215              | Soils Lab                                  | 1                       |                       |                         |                        |              |
| <b>Total:</b>        |  | <b>38</b>               |                       |                         |                        |              |

**General Education Courses Required for AAS Degree**

|   |   |                |  |  |  |  |
|---|---|----------------|--|--|--|--|
| ENG 121                                 | English Composition I                     | 3              |  |  |  |  |
| <b>OR</b>                               |   |                |  |  |  |  |
| ENG 131                                 | Technical Writing                         | 3              |  |  |  |  |
| HIS                                     | Select one: 101, 102, 201, 202 or 247     | 3              |  |  |  |  |
| MAT 108                                 | Technical Mathematics                     | 4              |  |  |  |  |
| <b>OR</b>                               |   |                |  |  |  |  |
| MAT 121                                 | College Algebra                           | 4              |  |  |  |  |
| PHY 105                                 | Physics: Conceptual Physics               | 4              |  |  |  |  |
| <b>OR</b>                               |   |                |  |  |  |  |
| PHY 111                                 | Physics: Algebra Based I (MAT 121-Prereq) | 5              |  |  |  |  |
| SPE 115                                 | Public Speaking                           | 3              |  |  |  |  |
| <b>OR</b>                               |   |                |  |  |  |  |
| SPE 125                                 | Interpersonal Communication               | 3              |  |  |  |  |
| <b>Total General Education Credits:</b> |   | <b>17 - 18</b> |  |  |  |  |

**Select from courses below for a minimum degree requirement of at least 60 credits**

|         |                                   |   |  |  |  |  |
|---------|-----------------------------------|---|--|--|--|--|
| ACC 121 | Accounting Principles I           | 4 |  |  |  |  |
| AEC 280 | Internship                        | 6 |  |  |  |  |
| ARC 275 | Special Topics                    | 6 |  |  |  |  |
| ARC 285 | Independent Study                 | 6 |  |  |  |  |
| ARC 289 | Capstone                          | 6 |  |  |  |  |
| CIS 118 | Introduction to PC Applications   | 3 |  |  |  |  |
| CAD 102 | Computer Aided Drafting II        | 3 |  |  |  |  |
| EIC 130 | National Electric Code I          | 4 |  |  |  |  |
| EIC 135 | National Electric Code II         | 4 |  |  |  |  |
| ENT 207 | Const Methods, Planning and Equip | 2 |  |  |  |  |
| ENT 270 | Technical Experience              | 3 |  |  |  |  |
| ENT 275 | Special Topics                    | 6 |  |  |  |  |
| ENY 153 | Renewable Energy Construction     | 4 |  |  |  |  |
| ENY 205 | Green and Sustainable Buildings   | 4 |  |  |  |  |
| GEY 111 | Physical Geology                  | 4 |  |  |  |  |
| MAN 216 | Small Business Management         | 3 |  |  |  |  |

**TOTAL CREDITS FOR DEGREE: 60 - 63**