# Baccalaureate Degree (Minimum 132 Credits)

## Cumulative “2” or Better Required for Graduation

Worksheet for **ENGINEERING MANAGEMENT, B.S.**

Dept. of Business Administration

<table>
<thead>
<tr>
<th>COMMON CORE:</th>
<th>17 Credits</th>
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</thead>
<tbody>
<tr>
<td>Analytical Reading/Writing</td>
<td>WRT102</td>
</tr>
<tr>
<td>Academic Writing</td>
<td>WRT202</td>
</tr>
<tr>
<td>Human Communication</td>
<td>CM104</td>
</tr>
<tr>
<td>Information Literacy</td>
<td>IFL101</td>
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<tr>
<td>Anlyt. Geom./Calculus I</td>
<td>MAT171</td>
</tr>
<tr>
<td>Physical Education (2 crs.)</td>
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</tbody>
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**AREA DISTR. REQUIREMENTS:**

I. Fine Arts & Humanities 6 Credits

SATISFIED BY MAJOR REQUIREMENTS

II. Social & Behav. Sciences 6 Credits

SATISFIED BY MAJOR REQUIREMENTS

III. Laboratory Sciences

SATISFIED BY MAJOR REQUIREMENTS

IV. Am/West. Civ., Amer. Govt. 6 Credits

** REQUIRED MAJOR COURSES:** 85-87 Credits

**Math/Science Component** (18 Credits)

- Analytical Geo & Calc II | MAT172 |
- Differential Equations | MAT272 |
- Eng. Physics-Mechanics | PHY100 |
- Eng. Physics – E & M | PHY200 |

**Business Component:** (45 Credits)

- Principles of Marketing | MKT100 |
- Principles of Management | MGT150 |
- Financial Accounting | ACC220 |
- Managerial Accounting | ACC225 |
- Principles of Econ. (Macro) | ECO200 |
- Principles of Econ. (Micro) | ECO201 |
- Financial Management | FIN300 |
- Management Info. Systems | IFS305 |
- Business Law I | BUS345 |
- Operations Management | MGT350 |
- Bus Proc Mgt, Imp & Contrl | MGT355 |
- Business Policy | BUS405 |
- Internatl. Bus Elective (300-400 level only) |

Choose two electives from the following:

- Management Science | QBA310 |
- Global Supply Chain Mgt | EBS361 |
- Project Management | IFS405 |
- Lean Systems | MGT310 |
- Continuous Improvmt Consling | MGT406 |

**Engineering Component:** (22-24 Credits)

- EPADS | EGR100 |
- Statics | EGR200 |
- Strength of Materials | ME201 |
- Materials and Solids Lab | ME205 |
- Fund Electrical Engineering | ECE200 |
- Statistical Design & Proc Control | EGR305 |
- Thermodynamics | ME320 |

Choose one elective from the following:

- Materials Science & Lab | ME260/1 |
- Dynamics & Vibration | ME262 |
- Syst Modeling & Instr. | EGR342/ME351 |
- Fluid Mechanics & Lab | EGR360 |
- Independent Study | ME480 |
- Co-Operative Learning | EGR401 |

*A cumulative grade point average of “2” or greater is required in the Business Component courses. At least three 300-level courses and BUS495 must be taken at York College.

Any course that is a prerequisite course must be passed with at least a “2” before its post-prerequisite course may be attempted. A student who has received less than a “2” in any prerequisite business administration course will be permitted to repeat the course a maximum of two additional times (three total attempts). Withdrawing from a course does not count in the "attempts" total.

**A grade of “2” or greater is required in each Math/Science and Engineering Component course.

**NOTES:**

- All courses must be completed with a minimum “2” grade. Courses may not be taken on a pass/fail basis.
- A minimum of 12 credits of the Area Distribution Requirements must be at the 200-level or above. Courses may not be taken on a pass/fail basis. See Registrar’s Office for official list of courses.
- Six credits are to be taken in one of these two areas; if foreign language is selected, six credits must be in one language.
- Students must complete 12 credits of electives in a discipline outside of their major.
- Requirements listed apply to students who matriculate into or declare this major during the 2010-2011 academic year.

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(Signed) Faculty Advisor       Date
(Signed) Dept Chair            Date