# BS - CONSTRUCTION MANAGEMENT (MANAGEMENT OPTION) 2008-10 CATALOG

## FRESHMAN YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENG 101 ^ (3)</strong> Composition I</td>
<td><strong>ENG 102 ^ (3)</strong> Composition II</td>
<td><strong>CEE 121 ^ (3)</strong> Elementary Surveying</td>
<td><strong>@CEM 270 ^ (3)</strong> Construction Engineering Mechanics</td>
</tr>
<tr>
<td>PREREQUISITE: SAT/ACT SCORE</td>
<td>PREREQUISITE: ENG 101 or EQUIVALENT</td>
<td>PREREQUISITE: MATH 127 or EQUIVALENT KNOWLEDGE OF TRIGONOMETRY</td>
<td>PREREQUISITE: CEM 250</td>
</tr>
<tr>
<td><strong>MATH 181 ^ (4)</strong> Calculus I</td>
<td><strong>STAT 152 ^ (3)</strong> Introduction to Statistics</td>
<td>**ENG 231 ^ or <strong>@#232 ^ (3)</strong> World Literature I or II</td>
<td><strong>ECON 190 ^ (3)</strong> Global Economics (Fulfills International Requirement)</td>
</tr>
<tr>
<td>PREREQUISITE: MATH 128 or EQUIVALENT</td>
<td>PREREQUISITE: MATH 126</td>
<td>PREREQUISITE: ENG 102</td>
<td><strong>ACC 201 ^ (3)</strong> Financial Accounting</td>
</tr>
<tr>
<td><strong>CEM 100 ^ (3)</strong> Fundamentals of Construction Management</td>
<td><strong>PHYS 151 &amp; L ^ (4)</strong> General Physics I</td>
<td><strong>CEM 250 &amp; L ^ (3)</strong> Construction Materials &amp; Methods</td>
<td><strong>CEM 100, CEM 250</strong></td>
</tr>
<tr>
<td><strong>CEM 110 ^ (3)</strong> Computer Applications in Construction</td>
<td>PREREQUISITE: MATH 128 or EQUIVALENT</td>
<td>PREREQUISITE: CEE 110 AND PHYS 181 &amp; L OR CEM 150</td>
<td>CONSTITUTIONAL REQ.</td>
</tr>
<tr>
<td>PREREQUISITE: MATH 127 or 128</td>
<td><strong>CEM 150 ^ (3)</strong> Fundamentals of Construction Science</td>
<td><strong>PHI 242 ^ (3)</strong> Ethics for Engineers and Scientists</td>
<td><strong>PSC 101 ^ (4) OR HIST 100 ^ (4)</strong></td>
</tr>
<tr>
<td><strong>ECON 102 ^ (3)</strong> Principles of Microeconomics</td>
<td><strong>COM 101 ^ (3)</strong> Oral Communication</td>
<td><strong>PHYS 152 &amp; L ^ (4)</strong> General Physics II</td>
<td><strong>CEM 298 ^ (0)</strong> Const. Sem. II</td>
</tr>
<tr>
<td>PREREQUISITE: MATH 124</td>
<td><strong>CEM 198 ^ (0)</strong> Construction Seminar I</td>
<td>PREREQUISITE: PHYS 151 &amp; L</td>
<td>PREREQUISITE: CEM 198</td>
</tr>
<tr>
<td><strong>CEM 198 ^ (0)</strong> Construction Seminar I</td>
<td><strong>CEM 198 ^ (0)</strong> Construction Seminar I</td>
<td><strong>CEM 298 ^ (0)</strong> Construction Seminar II</td>
<td><strong>CEM 301 ^ (2)</strong> Construction Safety</td>
</tr>
</tbody>
</table>

^ INDICATES THE PRE-MAJOR COURSES

All prerequisite courses must be completed with a grade "C" or higher

* INDICATES COURSES OFFERED IN FALL

@ INDICATES COURSES OFFERED IN SPRING

# INDICATES COURSES OFFERED IN SUMMER

UPDATED: SEPT 2008
# B.S. - CONSTRUCTION MANAGEMENT (MANAGEMENT OPTION)
## 2008-10 CATALOG

### JUNIOR YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
</table>
| **CEM 330 (3)**
Soils & Foundations for Construction

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**PREREQUISITE**
CEM 270 or CEE 370 or
ME 302, CEM 250&L

| **CEM 350 (3)**
Facility Systems Design & Const I

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**PREREQUISITE**
CEM 100, CEM 250&L,
PHYS 152&L OR
PHYS 182&L

| **CEM 370 (3)**
Steel & Wood Design In Construction

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**PREREQUISITE**
CEM 270

| **CEM 351 (3)**
Facility Systems Design & Const II

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**PREREQUISITE**
CEM 350

| **CEM 372 (3)**
Concrete Design in Construction

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**PREREQUISITE**
CEM 270

| **CEM 451L&L (3)**
Constructing Estimating

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**PREREQUISITE**
CEM 253, EGG 307
COREQUISITE
CEM 454

| **CEM 454 (3)**
Construction Equipment

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**PREREQUISITE**
EGG 307,
CEM 350 or CEE 334

| **CEM 452L&L (3)**
Constructing Cost Control

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**PREREQUISITE**
CEM 352, CEE 334

| **CEM 458 (0)**
Construction Seminar III

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**PREREQUISITE**
CEM 298

| **CEM 400 (0)**
Construction Industry Practicum
(SUMMER COURSE OFFERED BETWEEN JUNIOR & SENIOR YEARS)

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**PREREQUISITE**
CEM 398

### SENIOR YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
</table>
| **CEM 432 (3)**
Temporary Construction Structures

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**PREREQUISITE**
CEM 330 or CEE 334
CEM 370 or CEE 381
CEM 372 or CEE 480

| **CEM 450 (3)**
Construction Field Inspection

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**PREREQUISITE**
CEM 330 or CEE 334
CEM 370 or CEE 381
CEM 372 or CEE 480

| **CEM 452L&L (3)**
Constructing Cost Control

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**PREREQUISITE**
CEM 352, CEE 334

| **CEM 455 (3)**
Construction Mgmt Practice**

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**PREREQUISITE**
CEM 451, CEM 452, CEM 453

| **CEM 456 (3)**
Construction Management Capstone

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**PREREQUISITE**
CEM 351

| **CEM 453L&L (3)**
Construction Scheduling

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**PREREQUISITE**
CEM 451

| **CEM 485 (3)**
Construction Law & Contracts

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**PREREQUISITE**
CEM 453

| **CEM 498 (0)**
Construction Seminar IV

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**PREREQUISITE**
CEM 398

### NOTE
- Refer to P.35 of the Univ. Catalog 2008-10
- Refer to P.34 of the Univ. Catalog