

# B.S. in Engineering Technology, Construction Management Technology

---

(120 credits minimum)

## First Year

1st Semester		Credits
CS 106	Introduction to Computing	3
MATH 138	General Calculus I	3
PHYS 102	General Physics I	3
PHYS 102A	General Physics I Lab	1
ENGL 101	English Composition: Introduction to Academic Writing	3
MET 103	Introduction to Engineering Technology Design	2
ET 101	Introduction to Engineering Technology	0
FYS SEM	First-Year Student Seminar	0
<b>Term Credits</b>		<b>15</b>

## 2nd Semester

MATH 105	Elementary Probability and Statistics	3
PHYS 103	General Physics II	3
PHYS 103A	General Physics II Lab	1
ENGL 102	English Composition: Introduction to Writing for Research	3
MET 105	Applied Computer Aided Design	2
ECON 201	Economics	3
<b>Term Credits</b>		<b>15</b>

## Second Year

### 1st Semester

ACCT 115	Fundamentals of Financial Accounting	3
MGMT 290	Business Law I	3
History and Humanities GER 200 level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/</a> )		3
SET 200	Introduction To Geomatics	2
SET 200A	Introduction to Geomatics Lab	1
<b>Term Credits</b>		<b>12</b>

### 2nd Semester

MIS 245	Introduction to Management Information Systems	3
Free Elective		3
CIM 205	Concrete Properties & Testing	3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )		3
Technical or Management Elective		3
<b>Term Credits</b>		<b>15</b>

## Third Year

### 1st Semester

CET 313	Principles of Heavy Highway Construction	3
FIN 315	Fundamentals of Corporate Finance	3
CET 317	Construction Computing	3
CET 322	Construction Codes and Regulations	3
Free Elective		3
<b>Term Credits</b>		<b>15</b>

### 2nd Semester

CET 314	Principles of Building Construction	3
---------	-------------------------------------	---

CMT 332	Structural Systems for Construction Management	3
HRM 301	Organizational Behavior	3
MGMT 390	Principles of Business	3
History and Humanities GER 300+ level ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/</a> )		3
<b>Term Credits</b>		<b>15</b>
<b>Fourth Year</b>		
<b>1st Semester</b>		
CET 411	Cost Estimating	3
CET 415	Construction Project Management	3
CMT 452	Mechanical and Electrical Systems for Construction	3
CET 421	Construction Contracts	3
CET 423	Construction Safety	3
Technical or Management Elective		3
<b>Term Credits</b>		<b>18</b>
<b>2nd Semester</b>		
CET 413	Environmental Science	3
CMT 436	Temporary Structures for Construction Management	3
CET 416	Senior Construction Project	3
MNET 414	Industrial Cost Analysis	3
Humanities and Social Science Senior Seminar GER ( <a href="http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/">http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/</a> )		3
<b>Term Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>120</b>

See the **General Education Requirements** "Refer to the General Education Requirements for specific information for GER courses"