

B.S. in Concrete Industry Management

(120 credits minimum)

First Year

1st Semester		Credits
MATH 138	General Calculus I	3
PHYS 102	General Physics I	3
PHYS 102A	General Physics I Lab	1
CS 106	Introduction to Computing	3
ENGL 101	English Composition: Introduction to Academic Writing	3
CIM 101	Introduction to the Concrete Industry	3
FYS SEM	First-Year Student Seminar	0
Term Credits		16

2nd Semester

ACCT 117	Principles Of Fin Accountng	3
CHEM 121	Fundamentals of Chemical Principles I	3
CHEM 125A	General Chemistry Lab I	1
ENGL 102	English Composition: Introduction to Writing for Research	3
MET 103	Engineering Graphics and Intro. to CAD	2
Free Elective		3
Term Credits		15

Second Year**1st Semester**

ACCT 215	Managerial Accounting I	3
CIM 205	Concrete Properties & Testing	3
CIM 210	Concrete Applications I	3
MET 105	Applied Computer Aided Design	2
Technical Elective		3
Term Credits		14

2nd Semester

MIS 245	Introduction to Management Information Systems	3
Technical Elective (100-200 level)		3
COM 313	Technical Writing	3
History and Humanities GER 200 level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-200-level/)		3
CIM 215	Concrete Applications II	3
Term Credits		15

Third Year**1st Semester**

CET 313	Construction Procedures I	3
MGMT 390	Principles of Business	3
CIM 310	Concrete Products and Delivery	3
FIN 315	Fundamentals of Corporate Finance	3
CET 423	Construction Safety	3
Term Credits		15

2nd Semester

CET 314	Construction Procedures II	3
MRKT 330	Principles of Marketing	3
CIM 315	Concrete Construction Methods	3
History and Humanities GER 300+ level (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/ger-300-level/)		3

MNET 315	Industrial Statistics	3
Term Credits		15
Fourth Year		
1st Semester		
CIM 405	Advanced Concrete Testing and Quality Assurance	3
MNET 420	Quality Systems	3
MNET 416	Production Scheduling	3
CIM 497	Co-op Work Experience I	3
Technical Elective (300-400 level)		3
Term Credits		15
2nd Semester		
CIM 410	Senior Project in CIM	3
Humanities and Social Science Senior Seminar GER (http://catalog.njit.edu/undergraduate/academic-policies-procedures/general-education-requirements/hss-capstone/)		3
CET 413	Environmental Science	3
MNET 414	Industrial Cost Analysis	3
Technical Elective(300-400 level)		3
Term Credits		15
Total Credits		120

Free Electives

Consult the program coordinator. Students transferring into this program with fewer than 9 credits in humanities/social science must take an appropriate humanities/social science course to fulfill the NJIT GER.

Co-op

Co-op is a required course in this program, and must be approved by the faculty advisor and Career Services.

This curriculum represents the maximum number of credits per semester for which a student is advised to register. A full-time credit load is 12 credits.

First-year students are placed in a curriculum that positions them for success which may result in additional time needed to complete curriculum requirements. Continuing students should consult with their academic advisor to determine the appropriate credit load.