

Structural Design and Construction Engineering Technology

Pre-Approved Courses/Course Equivalencies

Please be advised some students may require more than four semesters to complete Penn State Harrisburg degree requirements, depending upon their satisfactory progress.

I semester (14 PSU credits)

Sl. No	Course name in PSU/Code/Credits	Course name/code/credits in NMAMIT, Nitte
1	Introduction to Engineering Design/EDSGN100/3	Computer Aided Engineering Design and Drawing/ME101/4
2	Chemical Principles/CHEM110/3	Principles of Chemistry/CH101/4
3	Experimental Chemistry/CHEM111/1	Chemistry Lab/CH102/2
4	General Education Arts/MUSIC/3	Indian Culture-Music/IC1/3
5	Calculus with Analytical Geometry I/MATH140/4	Engg. Maths-I(MA101)/4

II semester (17 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	Introductory Macroeconomics Analysis and Policy/ECON104/3	Economics/HUH2/3
2	Calculus with Analytical Geometry II/MATH141/4	Engg. Maths-II/MA201/4
3	General Education Social and Behavioral science/PL SC/3	Constitution of India and Professional Ethics/CIP101/3
4	Financial and Managerial Accounting for Decision Making/ACCTG211/3-4	Financial Management/HUH3/3
5	General Education Humanities/IL /HIST/3	Indian History – Pre & Post Independence/HUH5/1

III semester (14 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	General Physics: Mechanics/PHYS 211/4	Engineering Mechanics/CV101/4
2	Introduction to Programming Techniques/CMPSC121/3	Object Oriented Programming/CS306/4
3	Basic Management Concepts/MGMT301/3	Engineering Management/HUH4/3
4	Calculus with Analytic Geometry II or Elementary Statistics/MATH141 or STAT200/4	Engg. Maths-II (MA201)/4

IV semester (16 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	General Physics-Electricity and Magnetism/PHYS212/4	Engg. Physics PH102/4 and Engg. Physics Lab PH109/1
2	Statics/EMCH211/3	Statics/CV102/3
3	Surveying CE310/3 or Plane Surveying SUR111/3	Surveying 1 CV304/3
4	Elective/CET/3	Materials of Construction/CV404/3
5	General Education Arts/DANCE/3	Indian Culture-Dance/IC2/3

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