

Civil Engineering

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 (12.5 PSU credits)

Sl. No	Course name/code/credits in PSU	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	Calculus with Analytical Geometry/MATH140/4	Engg. Maths-I/MA101/4
5	Health and Physical Activity/KINES/1.5	Physical Education Principles/PED1/1.5

II semester (15.5 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	General Education Humanities/IL /HIST/3	Indian History – Pre & Post independence/HUH5/3
2	Introductory Macroeconomics Analysis and Policy/ECON104/3	Economics/HUH2/3
3	Health and Physical Activity/KINES/1.5	Cricket - Game Analysis/PED2/1.5
4	Calculus with Analytical Geometry II/MATH141/4	Engg. Maths-II/MA201/4
5	General Physics:Mechanics/PHYS211/4	Engg. Mechanics/CV101/4

III semester (17 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	General Education Social and Behavioral Science/PL SC/3	Constitution of India and Professional Ethics/CIP101/3
2	Physical Geology/GEOSC001/3	Appl. Engg. Geology/CV306/3
3	Statics/EMCH211/3	Statics/CV102/3
4	General Physics-Electricity and Magnetism/PHYS212/4	Engg. Physics PH102/4 and Engg. Physics Lab PH109/1
5	Ordinary and Partial Differential Equations/MATH251/4	Engg. Maths-III/MA301/4

IV semester (17 PSU credits)

Sl. No	Course name/code/credits in PSU	Course name/code/credits in NMAMIT, Nitte
1	General Education Arts/MUSIC/3	Indian Culture-Music/IC1/3
2	Introduction to Programming Techniques/CMPSC121/3	Object Oriented Programming/CS306/4
3	Dynamics /EMCH212/3	Study of Dynamics/CV103/3
4	Strength of Materials/EMCH213/3	Strength of Materials/CV303/4
5	Matrices/MATH220/2	Engineering Maths-IV/MA401/3
6	Experimental Methods/STAT 401/3	Statistics and Engineering Applications/CV401/3

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