

JHU-EP Civil Engineering Course Planning Document

updated 7 May 2025

Fall (odd years)

Number	Title	Location
565.604	Structural Mechanics	asynchronous online
565.606	Geotechnical Engineering Principles	asynchronous online
565.619	Advanced Structural Analysis	asynchronous online
565.620	Advanced Steel Design	asynchronous online
565.628	Preservation Engineering I	synchronous online / onsite
565.633	Investigation, Diagnosis, and Rehabilitation	synchronous online / onsite
565.684	Port and Harbor Engineering	synchronous online / onsite

Spring (even years)

Number	Title	Location
565.616	Applied Finite Element Methods	asynchronous online
565.630	Prestressed Concrete Design	asynchronous online
565.631	Preservation Engineering II	synchronous online / onsite
565.636	Lateral Forces: Analysis and Design of Building Structures	synchronous online / onsite
565.732	Earthquake Engineering	asynchronous online
565.734	Wind Engineering	asynchronous online
565.736	Structural Fire Engineering	asynchronous online
565.764	Retaining Structures and Slope Stability	asynchronous online

Summer (even years)

Number	Title	Location
565.608	BIM Applications in Civil Engineering	asynchronous online
565.626	Design of Wood Structures	asynchronous online
565.671	Sustainable Coastal Engineering	synchronous online / onsite
565.720	Special Topics in Civil Engineering Structures	synchronous online / onsite

Fall (even years)

Number	Title	Location
565.604	Structural Mechanics	asynchronous online
565.619	Advanced Structural Analysis	asynchronous online
565.620	Advanced Steel Design	asynchronous online
565.628	Preservation Engineering I	synchronous online / onsite
565.633	Investigation, Diagnosis, and Rehabilitation	synchronous online / onsite
575.658	Natural Disaster Risk Modeling	asynchronous online
565.664	Advanced Foundation Design	asynchronous online
565.680	Marine Geotechnical Engineering	asynchronous online

Spring (odd years)

Number	Title	Location
565.616	Applied Finite Element Methods	asynchronous online
565.623	Bridge Design and Evaluation	asynchronous online
565.622	Advanced Reinforced Concrete Design	asynchronous online
565.631	Preservation Engineering II	synchronous online / onsite
565.636	Lateral Forces: Analysis and Design of Building Structures	synchronous online / onsite
565.736	Structural Fire Engineering	asynchronous online
565.740	Structural Stability	asynchronous online
565.762	Ground Improvement Methods	asynchronous online

Summer (odd years)

Number	Title	Location
565.608	BIM Applications in Civil Engineering	asynchronous online
565.641	Fundamentals of Construction Management	synchronous online / onsite
565.682	Design of Ocean Structures	asynchronous online
565.720	Special Topics in Civil Engineering Structures	synchronous online / onsite

Notes: 535.641 Mathematical Methods for Engineers is offered every term, including summer, by the Mechanical Engineering program
This document may be used to aid students in planning their courses for upcoming semesters, but changes may be made to accommodate student demand or instructor availability.