

Environmental Engineering

CENS Pathway		CENS Certificate	
9th	Biology I & Introduction to Engineering (PLTW)	Advanced Biology & Introduction to Engineering (PLTW)	
10th	Advanced Earth Science & Civil Engineering and Architecture (PLTW)	Advanced Chemistry & Civil Engineering and Architecture	
11th	Chemistry & Principles of Engineering (PLTW)	Principles of Engineering (PLTW)	Recommended CENS Courses CENS Certificate Candidates Must Take 2 During 11th & 12th Grade AP Environmental Science AP Biology AP Chemistry Biology Dual Enrollment (DE) I *Biology Dual Enrollment (DE) II Biology II: Ecology Biology II: Survey Chemistry II: Forensic Science Oceanography Additional Requirement for CENS Certificate: 40 Hours of Community Service
12th	Physics & Engineering Design and Development (PLTW)	Engineering Design and Development (PLTW)	
Additional Elective Options <ul style="list-style-type: none"> • Probability and Statistics <ul style="list-style-type: none"> • AP Statistics • Production Systems 			

*** Please note that the Introduction to Engineering course is the first year in Project Lead the Way and will be offered in 21-22. All other PLTW courses would phase in during the following school years. *Biology Dual Enrollment (DE) I is a pre-requisite for Biology Dual Enrollment (DE) II