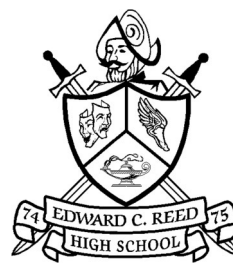


REED HIGH SCHOOL ENTERPRISE PROJECT



CIVIL & ENVIRONMENTAL ENGINEERING

*Subject to change.

requirements & recommendations for students*

GRADE	ENGLISH	MATH	SOCIAL STUDIES/OTHER	SCIENCE	ACADEMY/ OTHER	ACADEMY/ OTHER	ACADEMY
9th	English 1-2 or English 1-2 (H)	Algebra 1, Geometry, Formal Geometry, Algebra 2, or Algebra 2 (H)	PE or equivalent	Biology or Biology (H)	Health (semester- or year-long class)	Energy Technology I	Auto Tech I or Metalworking I
10th	English 3-4 or English 3-4 (H)		World History, World Geography (H), or AP World History	Physical Science, Chemistry or Chemistry (H)	PE or equivalent	Drafting & Design I (CADD) (comp. lit credit)	Auto Tech I or Metalworking I
11th	English 5-6, AP English Language, or equivalent	Alg 2, Alg 2 (H), Prob/Stats/DM, AP Statistics, or Trig/Pre-Calc (H)	US History or AP US History	Chemistry, Chemistry (H), Earth Science, Environmental Science, Anatomy & Phys (H), AP Biology**, AP Chemistry**, AP Physics, AP Environmental Science	Engineering Principles & Design	Auto Tech II + Auto Tech II Lab or Metalworking II + Welding Tech I	
12th	English 7-8, AP English Literature, or equivalent	Prob/Stats/DM, AP Statistics, Trig/Pre-Calc (H), AP Calculus, or Pre-College Math	Government or AP Government		Auto Advanced Studies, Work Experience, AP Science Lab, or ENG 100 @ TMCC/ UNR	Auto Tech III (H) + Auto Tech III Lab (H) or Metalworking III (H) + Metalworking Advanced Studies	

**requires separate lab class

AN EDUCATION SYSTEM THAT GIVES YOU OPTIONS

The Civil & Environmental Engineering pathway has coursework in Metalworking, Automotive, Auto CADD, Energy Technology, and Pre-Engineering. Students will be prepared for a variety of levels in the trades as well as two and four year colleges.

Potential career pathways include:

ENGINEERING • WELDING • MECHANICAL DESIGN • MILITARY • ARCHITECTURE • AUTOMOTIVE

Reed High School Contacts:

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