



Richlands Engineering Program

Challenging How the World Works

REP Course Guide 2017-2018

	9th Grade	10th Grade	11th Grade	12th Grade
Math	Math I Math II H/Math III H	Math III H/Pre-Calculus	Pre-Calculus/AP Calculus AB	*AP Calculus AB/BC AP Statistics
Science	Earth & Env H	Biology H	Chemistry H	*Physics H
English	English I H	English II H	English III H or AP English III	English IV H or AP English IV
Social Studies	World History H	American History I H	American History II H	Civics and Economics H
*Required Engineering Elective	*PLTW I: Intro to Engineering (IED) *Drafting I H	*PLTW II: Principles of Engineering (POE) *Drafting II H	*PLTW III: Digital Electronics (DE) *PLTW: Civil Engineering and Architecture (CEA) *Computer Science and Software Engineering (CSE)	*PLTW IV: Engineering Design and Development (EDD)
Second Elective	Health/PE (required) Microsoft Word, PPT and Publisher		Second Language I	Second Language II Other AP Courses College & Career Promise at CCCC or NCVPS