

## Charlotte Engineering Early College Program of Study

High School	9 <sup>th</sup> Grade		10 <sup>th</sup> Grade		11 <sup>th</sup> Grade		12 <sup>th</sup> Grade		13 <sup>th</sup> Grade	
College	Fall 1	Spring 1	Fall 2	Spring 2	Fall 3	Spring 3	Fall 4	Spring 4	Fall 5	Spring 5
<i>English</i>	Honors English I		Honors English II		Honors English III		Honors English IV	Honors English IV	UWRT 1101 Writing and Inquiry I	UWRT 1102 Writing and Inquiry II
<i>Math</i>	Honors Math I /II	Honors Math II/III	Honors Math III/ Pre-Calculus	Honors Pre-Calculus/ Discrete Math	HS Math Course Or College Math Course MATH1100, 1103 or 1241 *pending placement test	MATH 1103 Pre-Calculus Math for Science and Engineering	MATH 1241 Calculus I	MATH 1242 Calculus II	STATS 1220 Algebra Based Statistics	MATH 2241, 2171 or 2164
<i>Science</i>	Honors Earth/Env. Science	Honors Biology	Honors Physics I	Honors Chemistry I	UCOL 1000 Freshman Seminar	UNC Charlotte Elective	CHEM 1200 Fundamentals of Chemistry	CHEM 1251 w/ Lab General Chemistry I	UNC Charlotte Science or Social Science Elective	PHYS 1101 Introductory Physics I PHYS 2101 Physics for Science and Engineering I
<i>Humanities</i>		Honors World History		Honors Civics and Economics	HIST 1160 US History Pre-1865	HIST 1161 US History 1865-Present	LBST 1100 Arts and Science	SOCY 1101 Sociology	UNC Charlotte Elective	UNC Charlotte Elective
<i>Engineering Electives</i>	PLTW Introduction to Engineering Design	PLTW Civil Engineering and Architecture	PLTW Principles of Engineering	PLTW Computer Science Principles		PLTW Digital Electronics	PLTW Engineering Design and Development	PLTW Engineering Design and Development	Early College Seminar	
<i>FL NCVPS/ Seminar</i>	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	Foreign Language NCVPS	ENGR 1201 Introduction to Engineering I	ENGR 1202 Introduction to Engineering II
<i>Health/PE</i>					Health/PE Online					

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