

**North Carolina Community College courses that fulfill NC State University  
College of Engineering Requirements in the Two-plus-Two Engineering Program**  
(This document does not apply to the Joint BSE degree with Mechatronics Concentration)

<b>Requirement</b>	<b>Community College</b>	<b>NCSU Equiv.</b>	<b>2+2 Curric. Display</b>
<b>English Composition</b>	ENG 111 + ENG 112	ENG 101	LANG 120
	ENG 111 + ENG 113	ENG 101	LANG 120
<b>Math</b>	MAT 171 + 172	MA 107 + 108	MATH 167
	MAT 271	MA 141	MATH 191
	MAT 272	MA 241	MATH 192
	MAT 273	MA 242	MATH 291
	MAT 285	MA 341	MATH 394
<b>Chemistry</b>	CHM 151	CH 101 + 102	CHEM 132, 111
	CHM 152	CH 201 + 202	CHEM 233, 145
<b>Physics</b>	PHY 251	PY 205 + 206	PHYS 221
	PHY 252	PY 208 + 209	PHYS 222
<b>Economics</b>	ECO 251	EC 201	ECON 104
<b>General Education Program (GEP)</b>	See GEP sheet	See GEP sheet	See GEP sheet
<b>Drafting</b>	DFT 170 (with solidworks)	GC 120	JEM 123
<b>Engineering</b>	EGR 150	E 101	E 101
	EGR 220	MAE 206	MAE 206
<b>Foreign Language</b>	111 +112	101 + 101	110 + 120/130