North Carolina Community College courses that fulfill UNC Asheville / NC State College of Engineering Requirements of the Joint Bachelor of Science in Engineering degree with a Concentration in Mechatronics (JEM)

Subject Requirement	Community College Equivalent Courses	JEM Requirement
English Composition	ENG 112, ENG 113, or ENG 114	LANG 120
Math	MAT 171 + MAT 172 (both) MAT 175 MAT 271 MAT 272 MAT 273	MATH 167 (prerequisite for MATH 191) MATH 167 (prerequisite for MATH 191) MATH 191 MATH 192 MATH 291
Chemistry	CHM 151	CHEM 132 + CHEM 111
Physics	PHY 251 PHY 252	PHYS 221 PHYS 222
Engineering	DFT 170 (if incl SolidWorks) EGR 150 EGR 220	JEM 123 E 101 MAE 206
Humanities	HIS 111 HIS 112	HUM 124 HUM 214
Economics	ECO 251	ECON 104
Arts and Ideas (not Diversity Intensive)	ART 111 or MUS 110	ARTS requirement
Foreign Language	111 + 112 (3+3) or 112 (3) by placement	110 + 120/130 (4+4) 120/130 (4)*

^{*} UNC Asheville foreign language requirement can be fulfilled through a placement test.

If a course is not on this list, it may transfer, but it will not satisfy a JEM degree requirement. Grades of C or better are required for transfer to UNC Asheville.

Regarding North Carolina's Reverse Transfer Program: This program is designed to award an associate degree to students who previously attended a North Carolina Community College (NCCC) and fulfill the associate degree requirements while working towards a bachelor's degree at a University of North Carolina institution. For more information, please visit https://registrar.unca.edu/transfer-resources-and-information

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Source: Joint NCSU/UNCA Engineering Programs 828-251-6640