

STEAM Program: Two Semester Display for Agricultural and Environmental Technology (AET)

NCCC – Any North Carolina Community College

Fall Semester

NCCC Course Code	NCCC Course Title	Credit Hours	NCSU Equivalent Course Code	NCSU Equivalent Course Title
ENG 111	Writing & Inquiry	3	combines with ENG 105 at NCSU for ENG 101	Academic Writing and Research
BIO 111	General Biology I	4	BIO 183	Introductory Biology: Cellular and Molecular Biology
MAT 175 or GEP Elective <sup>1</sup>	Precalculus or GEP Elective <sup>1</sup>	4 or 3	MA 111 + MA 1**	Precalculus Algebra and Trigonometry + Elective or GEP Elective <sup>1</sup>
CIS 110	Intro to Computers	3	CSC 200	Intro to Computers and their Uses + Elective
	PE Elective <sup>1</sup>	1		PE Elective <sup>1</sup>
	Total Hours	14-15		

Spring Semester

NCCC Course Code	NCCC Course Title	Credit Hours	NCSU Equivalent Course Code	NCSU Equivalent Course Title
CHM 151	General Chemistry I	4	CH 101 and 102	Chemistry: A Molecular Science
MAT 271 or MAT 171	Calculus I or Precalculus	4	MA 141 or MA 107	Calculus I or Precalculus
COM 231 or DFT 170	Public Speaking or Engineering Graphics	3	COM 110 or GC 120	Public Speaking or Foundations of Graphics
	GEP Elective <sup>1</sup>	3		GEP Elective <sup>1</sup>
	PE Elective <sup>2</sup>	1		PE Elective <sup>2</sup>
	Total:	15		

1. General Education Program (GEP) elective. Course options include humanities (history, philosophy, religion, literature) and social science (anthropology, psychology, sociology, political science) courses. Work with the STEAM coordinator to ensure your course will transfer to NCSU. If possible, one of these courses should fulfill the Global Knowledge co-requisite.
2. Physical Education elective. Work with the STEAM Coordinator to ensure your course will transfer to NCSU. One course must transfer in as a 100-level PE at NCSU.