

Academy of Engineering & Advanced Manufacturing Course Sequence – Sample Schedule – Revised February 2020

		9 th Grade	10 th Grade	11 th Grade	12 th Grade
1	English (4 credits)	English I Honors - Cohort	English II Honors - Cohort	English III Honors- Cohort or AP English III	English IV - Cohort or AP English IV
2	Science (3 credits)	Earth/Environmental Science Honors - Cohort	Biology Honors - Cohort	Chemistry Honors - Cohort	AP Science or Science Elective based on choice/interest
3	Math (4 credits)	Math II Honors – Cohort <i>If coming in with Math I</i>	Math III Honors - Cohort	Varies	Varies
4	Social Studies (4 credits)	World History	Civics	American History	Economics & Personal Finance
5	Electives	Technology Engineering & Design – Cohort (fall)	Flexible Automation & Robotics - Cohort	Principles of Engineering Cohort	Technology Advanced Studies Honors Capstone Course - Cohort
6	Electives	Introduction to Engineering & Design – Cohort (spring)	Student Choice	Student Choice	Career Academy Internship Honors[^]
7	Electives	Healthful Living (required)	Student Choice	Student Choice	Student Choice
8	Electives	Student Choice	Student Choice	Student Choice	Student Choice

NC Graduation Requirements

- 4 English credits
- 4 Social Studies credits
- 3 Science credits
- 4 Math credits
- 2 World language credits for UNC System
- Health/PE
- 6 elective credits

[^]Academy Internship is a WCPSS graduation requirement for Academy Students



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