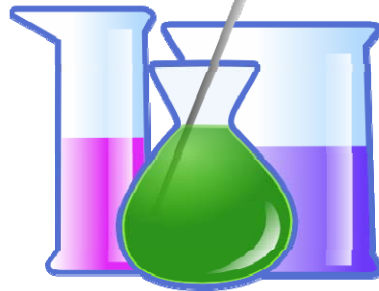


Course Recommendations

AAST



**Academy of Applied
Science Technology**



Knightdale High School

100 Bryan Chalk Lane
Knightdale, NC 27545-9069

Phone: 919-217-5350
Fax: 919-217-5356

Agricultural Science Technologies - Animal Science

	9th Grade	10th Grade	11th Grade	12th Grade
CTE Academy Course	Agriscience Applications	Biotechnology I	Biotechnology II	Agricultural Internship
English	English I	English II	English III	English IV *
Math	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation
Social Studies	World Civilizations	Civics and Economics	US History	Sociology / Psychology
Science	Earth Science OR HONORS Biology ††	Biology OR Chemistry	Chemistry OR AP Enviro Science (APES)	**
Elective	Freshman Seminar	Latin I *	Future Decisions in Science *	Small Business Entrepreneurship
Elective	Healthful Living	Equine Science I OR Animal Science I	Equine Science II OR Animal Science II	**
Elective	**	**	**	**

††-All Students enrolled in the Academy of Applied Science Technology are required to pass their Freshman Science class with a grade of a "C" or better

*- Core Cohort Class

** - Free Elective, Students are encouraged to pick from the following courses:



Agriculture Advanced Studies
Anatomy & Physiology
AP Environmental Science
Environmental and Natural
Resources

AP Chemistry
Foreign Language
Latin II
AP Biology

Agricultural Science Technologies - Plant Science

	9th Grade	10th Grade	11th Grade	12th Grade
CTE Academy Course	Agriscience Applications	Biotechnology I	Biotechnology II	Agricultural Internship
English	English I	English II	English III	English IV *
Math	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation
Social Studies	World Civilizations	Civics and Economics	US History	Sociology / Psychology
Science	Earth Science OR HONORS Biology ††	Biology OR Chemistry	Chemistry OR AP Enviro Science (APES)	**
Elective	Freshman Seminar	Latin I *	Future Decisions in Science *	Small Business Entrepreneurship
Elective	Healthful Living	Horticulture I	Horticulture II	**
Elective	**	**	**	**

††-All Students enrolled in the Academy of Applied Science Technology are required to pass their Freshman Science class with a grade of a "C" or better

*- Core Cohort Class

** - Free Elective, Students are encouraged to pick from the following courses:



Agriculture Advanced Studies
Anatomy & Physiology
AP Environmental Science
Environmental and Natural
Resources

AP Chemistry
Foreign Language
Latin II
AP Biology

Food Science Technologies

	9th Grade	10th Grade	11th Grade	12th Grade
CTE Academy Course	Agriscience Applications	Biotechnology I	Biotechnology II	Internship
English	English I	English II	English III	English IV *
Math	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation
Social Studies	World Civilizations	Civics and Economics	US History	Sociology / Psychology
Science	Earth Science OR HONORS Biology ††	Biology OR Chemistry	Chemistry OR AP Enviro Science (APES)	**
Elective	Freshman Seminar	Latin I *	Future Decisions in Science *	Anatomy & Physiology
Elective	Healthful Living	Foods I	Foods II	Small Business Entrepreneurship
Elective	**	**	**	**

††-All Students enrolled in the Academy of Applied Science Technology are required to pass their Freshman Science class with a grade of a "C" or better

*- Core Cohort Class

**- Free Elective, Students are encouraged to pick from the following courses:



Agriculture Advanced Studies
Anatomy & Physiology
AP Environmental Science
Agriscience Applications
Biotechnology II
Environmental and Natural Resources

AP Chemistry
French
Latin II
AP Biology
Horticulture I
Computer Applications I

Pharmaceutical Science Technologies

	9th Grade	10th Grade	11th Grade	12th Grade
CTE Academy Course	Agriscience Applications	Biotechnology I	Biotechnology II	Internship
English	English I	English II	English III	English IV *
Math	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation	Teacher Recommendation
Social Studies	World Civilizations	Civics and Economics	US History	Sociology / Psychology
Science	Earth Science OR HONORS Biology ††	Biology OR Chemistry	Chemistry OR AP Enviro Science (APES)	AP Chemistry
Elective	Freshman Seminar	Foods I	Future Decisions in Science *	Physics OR AP Biology
Elective	Healthful Living	Latin I *	Computer Applications I	**
Elective	**	**	Anatomy & Physiology	**

††-All Students enrolled in the Academy of Applied Science Technology are required to pass their Freshman Science class with a grade of a "C" or better

*- Core Cohort Class

** - Free Elective, Students are encouraged to pick from the following courses:



Agriculture Advanced Studies
AP Environmental Science
Agriscience Applications
Foreign Lagueage
Small Business
Entrepreneurship

Latin II
AP Biology
Computer Applications
Horticulture I
Forensics