

AG COURSE SELECTION GUIDELINES

1. You **MUST** be in an Ag class at Taylor HS to be in FFA and participate in The Katy ISD Livestock Show & Rodeo.
2. The only class **Freshmen** can take is Principles of AFNR.
3. Prerequisites must be met for any class.
4. The Practicum of AFNR is designed as a **Senior Level** Course and finishes up the student's pathway.
5. Any students needing a **Fine Arts Credit** and in 10th -12th grade may take Floral Design.
6. Any 11th/12th-grade student that meets the prerequisites may take Advanced Animal Science.
7. Floral/Welding does NOT transfer to OAC.
8. We accept all kinds of students in our agriculture classes.
 - a. If there is questioning based on a student's cognitive skills for our classes, please contact Ag Teacher over the class.
9. Floral is the only class with a **Course FEE** of \$50 per semester.
10. Certifications offered: TSFA Level 1 Floral Cert., Hunters Cert, Anglers Cert, Boaters Cert, iCev Animal Science Cert, Welding Certs on all levels

SUPPLEMENTAL COURSES

8237 FLORAL DESIGN

- 1 year Class
- \$50 Fee per semester
- Certification
- Fine Arts Credit
- 10th-12th Grade
- Students will learn how to make 8 floral designs within this class

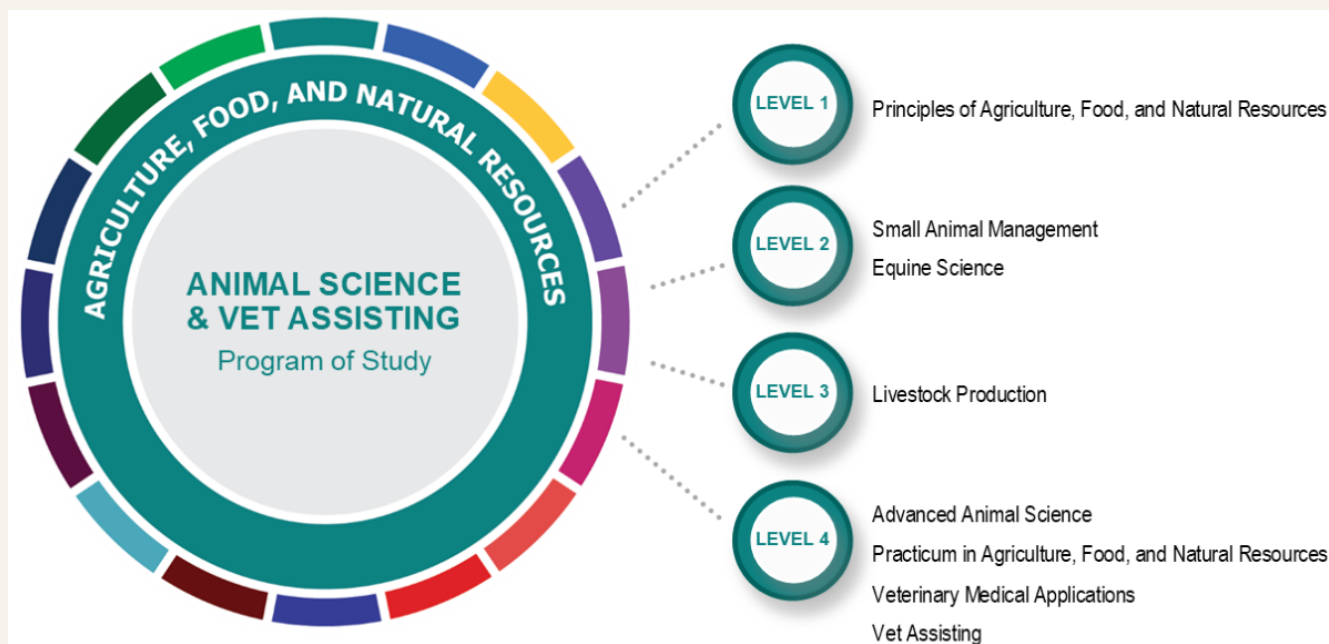
8144 ADVANCED ANIMAL

- 1 year Class
- Certification
- Science or Elective Credit
- 11-12th Grade
- Students will learn different animal systems and get to work with live and preserved animals.

8190 WILDLIFE

- 1 year Class
- Certification
 - Boaters
 - Anglers
 - Hunters
- Students will learn the importance that wildlife provides for our ecosystem and learn the importance of preserving our native animals.

ANIMAL SCIENCE AND VET ASSISTING



ANIMAL SCIENCE

Recommended Order @ Taylor

9th 8110 Principles of AFNR

Freshman have priority
1 year
No Prerequisites

10/11th 8170 Small Animal & 8145 Equine

REQUIRED for Vet @ Miller
Both 1 Semester

10/11th 8141 Livestock Production

REQUIRED for Vet @ Miller
Not offered at Taylor yet
1 year

12th 8144 Advanced Animal Science OR

8125 Practicum of AFNR

Practicum of AFNR - 1st period
^Seniors have priority

Advanced Animal Science - 6th period
Prerequisite: Algebra 1 & Geometry; Biology & IPC or
Chemistry; and 1+ of the following: Principles,
Livestock, Small Animal, Wildlife, Equine
-Certification Offered

VET ASSISTING

Recommended Order @ Miller

9th 8110 Principles of AFNR

Freshman have priority
1 year
No Prerequisites

10th 8170 Small Animal & 8145 Equine

REQUIRED for Vet @ Miller
Both 1 Semester

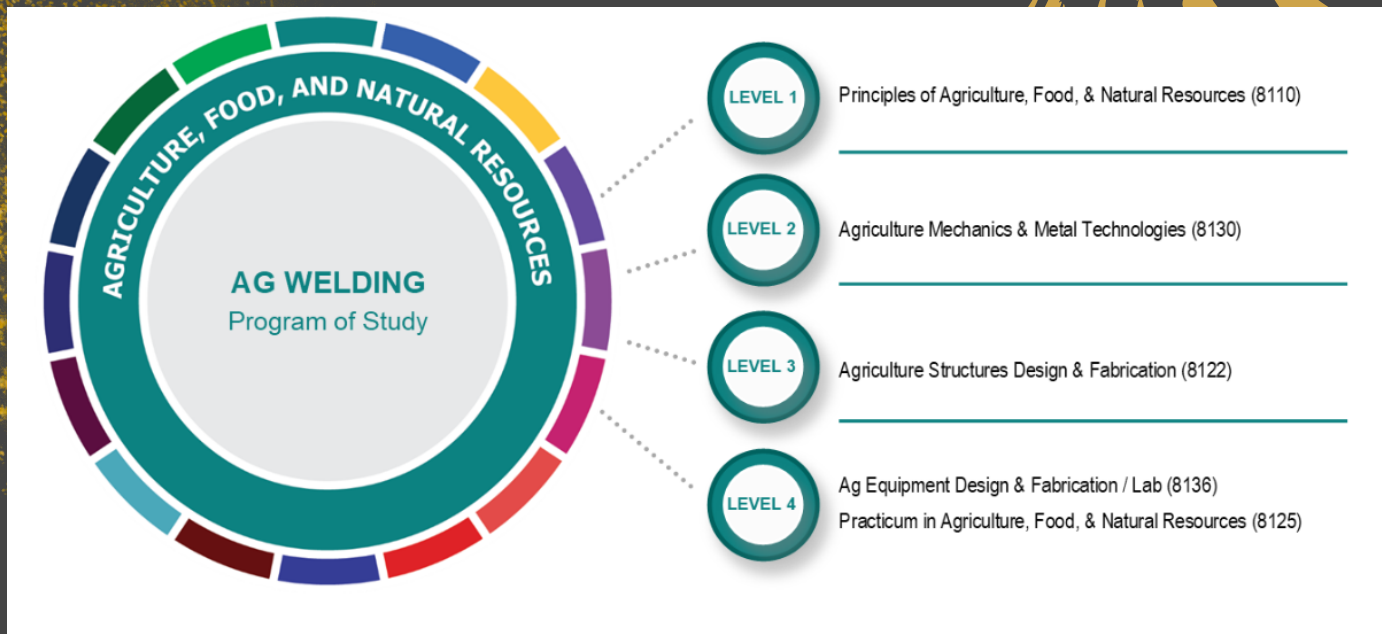
11th 8147 Vet Applications + (A Taylor Campus Class)

Off Campus & Miller
1 year
Prerequisites: Small Animal & Equine OR Livestock

12th 8148 Vet Assisting/Internship + (A Taylor Campus Class)

Off Campus & Miller
Prerequisite: Vet Applications

AG ENGINEERING



Note: Students can also achieve the STEM Endorsement by taking 1 Advanced Math course and 2 Advanced Science courses.

WELDING & AG MECHANICS

Recommended Order

Certifications offered and paid for by the School District at all Welding Levels

8110 Principles of AFNR

Freshman have priority

1 year

No Prerequisites

8130 Ag Mech and Metal Tech

1 year

Certification Offered

No Principles of AFNR Required

8122 Ag Structures Design & Fab

1 year

Prerequisites: Ag Mech & Metal Tech

Certification Offered

8136 Ag Equipment Design & Fab

OR

8125 Practicum of AFNR

Practicum of AFNR - 1st period

^Seniors have priority

Ag Equipment Design & Fab - 2nd & 3rd period

^Two period class

1 year

Certifications Offered

Freshman will get a year introduction in Agriculture, Food, Natural Resources, FFA, Livestock, and MORE!!!

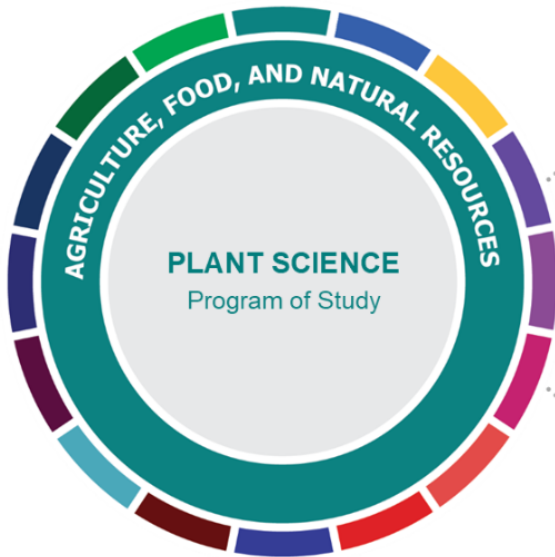
This will be the first class and an introduction into the welding/mechanical field. you will learn safety and basic welding shop skills.

This class will build on Welding 1 skills to prepare the student to be able to start building projects and test for higher level certifications.

This class will build on Welding 2 skills and will give the student skills to fully build projects on their own and continue reaching certification goals for employment in the real world.

Practicum of AFNR: This is a Senior Level class that will help the student finish their pathway as well as prep for College/Trade School/Career

PLANT SCIENCE



Principles of Agriculture, Food, & Natural Resources (8110)



Horticultural Science (8232)
Floral Design (8237)



Practicum in Agriculture, Food, & Natural Resources (8125)

Note: Students can also achieve the STEM Endorsement by taking 1 Advanced Math course and 2 Advanced Science courses.

PLANT SCIENCE

Recommended NOT Required Order

Course Fee \$50
per semester

Waived for
free/reduced
lunch students

Certification
offered and paid
for by district

8110 Principles of AFNR

Freshman have priority
1 year
No Prerequisites

Freshman will get a year
introduction in Agriculture, Food,
Natural Resources, FFA, Livestock,
and MORE!!!

8237 Floral Design

1 year
Certification Offered

- Fine Arts Credit
- 10th-12th Grade
- Students will learn how to make 8 floral designs within this class

8144 Advanced Animal Science

1 year
Advanced Animal Science - 6th period
Prerequisite: Algebra 1 & Geometry; Biology & IPC or Chemistry; and 1+ of the following: Principles, Livestock, Small Animal, Wildlife, Equine
-Certification Offered

- Science or Elective Credit
- 11-12th Grade
- Students will learn different animal systems and get to work with live and preserved animals

8125 Practicum of AFNR

Practicum of AFNR - 1st period
^Seniors have priority
1 year

Practicum of AFNR: This is a Senior Level class that will help the student finish their pathway as well as prep for College/Trade School/Career