

## **CFISD Capstone Plant Science**

### Scope and Sequence

**Endorsement:** Business & Industry or STEM

**Cluster:** Agriculture, Food, & Natural Resources

**Meets advanced course requirement?** YES ▾

**Program of Study:** Plant Science

**Meets foundation requirement for math, science, fine arts, English, LOTE?** NO ▾

#### **Course Description:**

Career and Technical Education (CTE) Project-Based Capstone is a course designed for students to develop and enhance essential skills while investigating real-world problems, issues, or interests. Students partner with mentor(s) or advisor(s) to develop a project. Students conduct research, compile findings, implement project activities appropriate to student contribution, and present their work to a relevant audience that may include industry experts.

#### **TEKS link**

- 1 credit
- Grade 12
- Lab supplies or fee may be required
- Required prerequisites: 3 courses in this program of study
- Recommended prerequisites:

**Industry Certification/Credential:** n/a

| <b>Instructional Units</b>                                                                                                                                                                                         | <b>Grading Period</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Independent study project for personal enrichment and professional development;<br>Verbal and nonverbal communication skills<br>Professional ethical behavior standards<br>Designs and develops a research project | N1 (fall)             |
| Independent study project for personal enrichment and professional development;<br>Verbal and nonverbal communication skills<br>Professional ethical behavior standards<br>Designs and develops a research project | N2 (fall)             |
| Independent study project for personal enrichment and professional development;<br>Verbal and nonverbal communication skills<br>Professional ethical behavior standards<br>Designs and develops a research project | N3 (spring)           |
| Independent study project for personal enrichment and professional development;<br>Verbal and nonverbal communication skills<br>Professional ethical behavior standards<br>Designs and develops a research project | N4 (spring)           |

**Primary Instructional Materials:** Teacher supplied, will vary depending on student project

**Supplementary Instructional Materials:**