Course Description:
This course is a supervised research study project-based class where students will apply knowledge and skills from previous Technology Education courses in a related advanced/specialized field of study. Students are required to submit a formal project plan within 15 school days after enrollment in the course. The plan should specify the additional concepts and/or technologies that will be studied and utilized, along with an overview of the culminating project.
- Grades 11-12
- Required prerequisite: At least one credit in the Architecture and Construction, Manufacturing, or Science, Technology, Engineering and Mathematics cluster
- Lab supplies or fee is required

TEKS
Cluster: Science, Technology, Engineering & Mathematics, Business and Industry
Endorsement: STEM
- Meets advanced course requirement (Y/N): Yes
- Meets foundation requirement for math, science, fine arts, English (Y/N-area): No

Industry Certification/Credentials:

<table>
<thead>
<tr>
<th>Instructional Units</th>
<th>Estimated Days</th>
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</thead>
<tbody>
<tr>
<td>Independent study project for personal enrichment and professional development; Verbal and nonverbal communication skills Professional ethical behavior standards Designs and develops a research project</td>
<td>1st - 4th Grading Pd</td>
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</tbody>
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Primary Instructional Materials: Teacher Designed