

## General Course Information

<b>Course Name: Independent Study in Technology &amp; Engineering</b>	
Department: Technology & Engineering	Grade Level(s): 11, 12
Duration/Credits: 1 sem or 1 year / 5. credit or 1.0 credit (elective)	Prerequisites: Successful completion of a Technology & Engineering course and application process
BOE Approval Date:	Course Code: H4350
<b>Course Description:</b>	
Independent Study in Technology & Engineering is designed for the student who has strong core skills in a Technology & Engineering field and is motivated to pursue independent and self-designed projects with the guidance of a teacher. Students interested in Independent Study must submit an application including a proposed plan of study.	
<b>Course Rationale:</b>	
Independent Study provides an opportunity for the student who has already developed strong skills and interest in a field in Technology & Engineering and is ready to design projects and work on completing them independently with guidance from a teacher.	
<b>Course Objectives:</b>	
<ul style="list-style-type: none"> <li>• The student will research, design, and construct a series of projects in self-designated Technology &amp; Engineering field (A+ Research).</li> <li>• The student will plan projects, track progress, and write project goals, milestones, and self-evaluations (A+ Writing).</li> <li>• The student will reflect upon, plan, and present projects to a variety of audiences (A+ Speaking and Listening).</li> <li>• The student will develop a portfolio of sample work.</li> <li>• The student will apply safety protocols independently and consistently.</li> <li>• The student will read and analyze technical manuals for equipment, software, or other processes (A+ Reading).</li> <li>• The student will maintain a safe and clean working environment.</li> </ul>	
<b>Standards Alignment:</b>	
List standard set(s) to which course has been aligned	