

TTUSD COURSE DESCRIPTION FORM



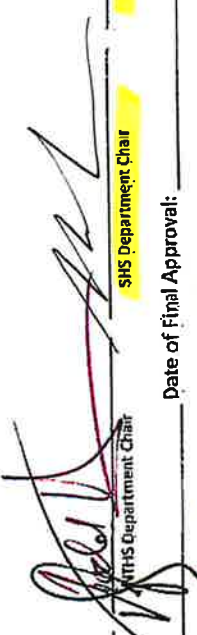
Department:	CTE		Course Title:	Gone Boarding II	
Course ID:	10115	Grade Level:	9-12	Course Length:	1 Semester
Credits/Semester:	5	Required for Graduation:	No	College Prep:	No
Prerequisites:	Gone Boarding I				
Meets CSU "a-g" Requirement:	No	Meets UC "a-g" Requirement:	No	Course Level:	
Resources and Materials (textbook):	Kickstand Online Curriculum				

Course Description:
 Gone Boarding II teaches students how to develop their own design process that they can take away and use in future design projects. While learning and practicing this design process throughout the semester, students will be introduced to design thinking methodologies where they will learn skills that include ideating, sketching, rapid-prototyping and conducting user-tests. Students will also be exposed to various programs and methods of design such as CAD (computer-aided design), laser cutting, 3-D printing, and CNC routing. Students will learn how to document and communicate ideas during each stage of their projects.

- Goals: [Expected performance outcomes for students]**
- Students will develop their own design process for solving problems and completing projects.
 - Students will learn new techniques of board design that involve the communication between computer aided drafting software(CAD) and computer numerical control machines(CNC.machines).
 - Students will learn to present their ideas and creations in a professional manner in front of other students and design professionals.
 - Students will further develop their methods of hand construction using several different mediums such as wood, foam, fiberglass, epoxy resin and plastics.
 - Students will evaluate the sustainability of their projects in relationship to cost, time, and environmental influence.
 - Students will engage in outreach projects in the community to expose younger students to the field of design.

Evaluation:
 Once projects have been completed they will be evaluated using rubrics. Students will be evaluated using teacher, student, and industry professional led panels.

Performance Standards		
Far Below Basic = F	Below Basic = D	Advanced Proficient = A
	Basic = C	Proficient = B

NTHS's Principal's Signature
 SHS's Principal's Signature
 TTHS Department Chair
 TTHS Department Chair

Educational Services Approval: _____ Date of Final Approval: _____
requires a CTE credential to teach course

Revised 5/29/2014