

Warren County School District

PLANNED INSTRUCTION

COURSE DESCRIPTION

Course Title: Applying Technology 7

Course Number: 00731

Course Prerequisites: None

Course Description:

7th Grade Technology Education is a semester-long, activity based course that introduces students to Technology by examining the systems of communication, manufacturing, construction, transportation and bio-related technologies. Emphasis will be placed on the design process and the application of using tools and materials to complete various Technology activities. This course provides a foundation for future studies in Technology and is a pre-requisite for 8th Grade Technology Education.

Suggested Grade Level: Seventh Grade

Length of Course: One Semester Two Semesters Other (Describe)

Units of Credit: .5 (Insert *None* if appropriate)

PDE Certification and Staffing Policies and Guidelines (CSPG) Required Teacher Certifications:
CSPG 65 PK-12

Certification verified by WCSD Human Resources Department: Yes No

TEXTBOOK AND SUPPLEMENTAL MATERIALS

Continue using Board approved textbook? Yes No (*If yes, then complete the information below.*)

Board Approved Textbooks, Software, Supplemental Materials:

Title:

Publisher:

ISBN #:

Copyright Date:

Date of WCSD Board Approval:

BOARD APPROVAL:

Date Written: 2/15/2018

Date Approved: 3/12/2018

Implementation Date: 2018-2019

SPECIAL EDUCATION AND GIFTED REQUIREMENTS

The teacher shall make appropriate modification to instruction and assessment based on a student's Individual Education Plan (IEP) or Gifted Individual Education Plan (GIEP).

COURSE OVERVIEW

(List the content to be taught)

For standards, essential questions, content, and skills see Curriculum Map –

- (1)Basic Technical Sketches
- (2)Mechanical Drawings utilizing Drawing Boards
- (3)Measuring
- (4)3D Modeling/CAD
- (5)3D printing
- (6)Straw Rockets/Paper Gliders
- (7)Mousetrap Cars
- (8)Toothpick Bridges
- (9)Machine Safety
- (10)Wooden Jeep Construction
- (11)Button Making

ASSESSMENT

Portfolio Assessment: _____ Yes No

District-Wide Common Final Examination Required: _____ Yes No

Course Challenge Assessment (Describe): N/A

WRITING TEAM: Warren County School District Teachers

WCSD STUDENT DATA SYSTEM INFORMATION

1. Is there a required final examination? _____ Yes No

**Warren County School District Policy 9741 and 9744 state, "All classes in grades 9-12 shall have a final exam."*

2. Does this course issue a mark/grade for the report card? Yes _____ No

3. Does this course issue a Pass/Fail mark? _____ Yes No

4. Is the course mark/grade part of the GPA calculation? _____ Yes No

5. Is the course eligible for Honor Roll calculation? Yes _____ No

6. What is the academic weight of the course?

_____ No weight/Non credit

Standard weight

_____ Enhanced weight