



Academy for **ADVANCED**
TECHNOLOGIES & SCIENCE

Digital Design (Eagle Manufacturing)

	Year 1	Year 2	Year 3	Advanced Education
Course Sequence	Principles of Digital Design	Digital Design Graphics (Eagle Mfg I)	Graphic Design and Layout (Eagle Mfg II)	Digital Design Capstone

Suggested Electives
2D Art
Drawing
Painting
Student Media Newspaper & Yearbook
Photography

Course Descriptions

Principles of Digital Design

7140 PRIN DIG DES

Principles of Digital Design introduces students to fundamental design theory. Investigations into design theory and color dynamics will provide experiences in applying design theory, ideas and creative problem solving, critical peer evaluation, and presentation skills. Students will have the opportunity to apply the design theory through an understanding of basic photographic theory and technique. Topics will include image capture, processing, various output methods, and light.

- Recommended Grade(s): 9, 10
- Required Prerequisites: none
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas





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Eagle Manufacturing Program Description

Eagle Manufacturing is a student-run business at Brown County High School. Students in Eagle Manufacturing are considered student-employees and can hold various positions within the business. To be a member of Eagle Manufacturing in Digital Design, students are required to take the Principles of Digital Design course outlined above. Once that course has been taken and passed, students will have to complete an application with a resume, participate in an interview, and be “hired” into a position within Eagle Manufacturing. The second course (Digital Design Graphics) and the third course (Graphic Design and Layout) in the program of study are both courses in which the student will be holding a position and participating in Eagle Manufacturing.

Digital Design Graphics - Eagle Mfg I

7141 DIG DES GRAPH

- Recommended Grade(s): 10, 11, 12
- Required Prerequisites: Principles of Digital Design
- Recommended Prerequisites: none
- Credits: 2 semester course, 2 semesters required, 1 credit per semester, 2 credits maximum
- Counts as a directed elective or elective for all diplomas

Graphic Design and Layout - Eagle Mfg II

5550 (GRAPH DES LT)

- Recommended Grade Level: 11, 12
- Recommended Prerequisites: Computer Illustration and Graphics
- Credits: 2 semester course, 2 semesters required, 1-3 credits per semester, 6 credits maximum
- Counts as a Directed Elective or Elective for all diplomas

Career Outlook

