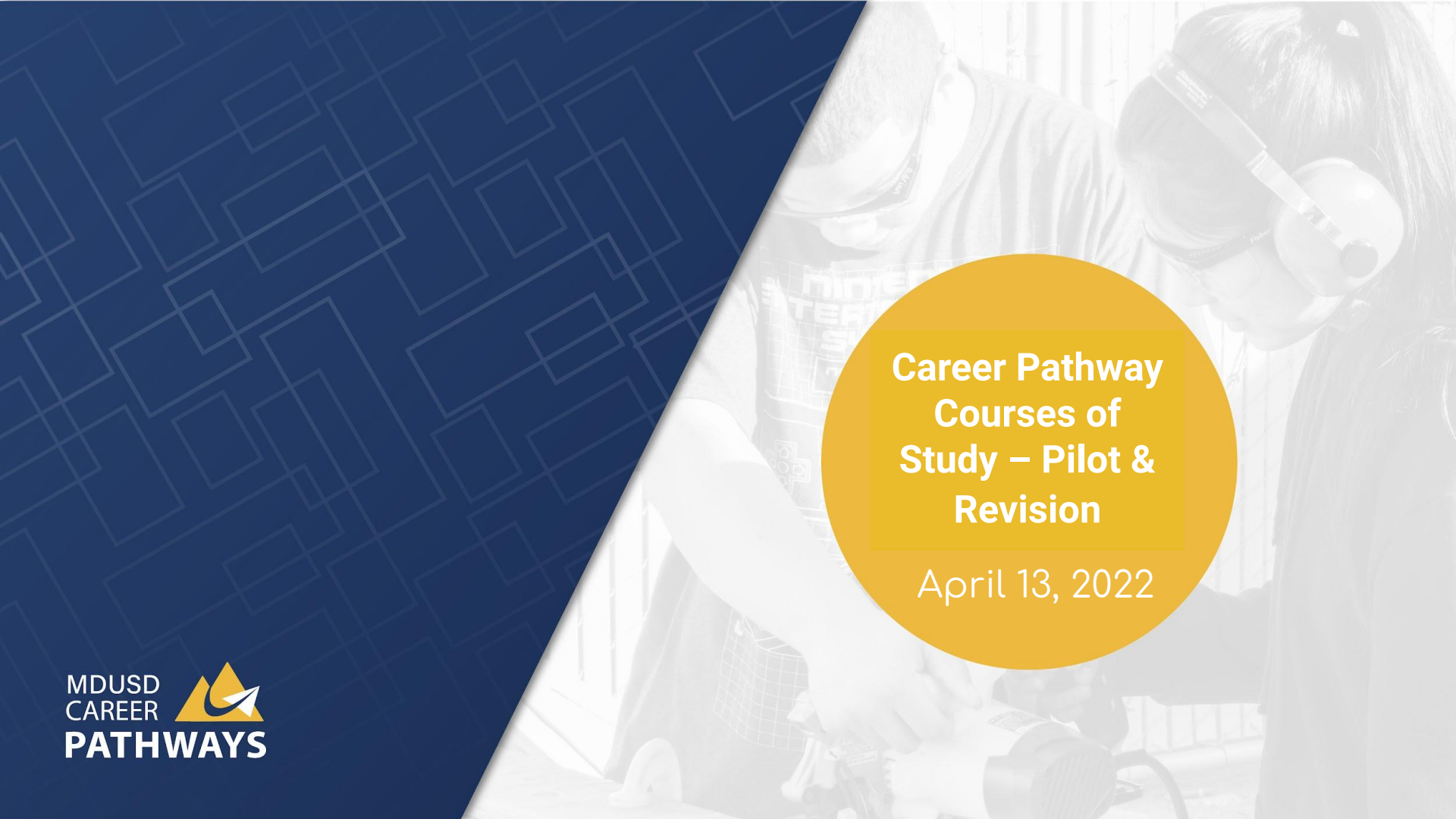


Career Pathway Courses of Study – Pilot & Revision

April 13, 2022

MDUSD CAREER PATHWAYS

If a Course of Study and Course Code exists, but requires changes and/or updates

THEN

Course of Study
REVISION

List of existing MDUSD Courses of Study Available at: https://www.mdusd.org/cos

If a Course of Study and Course Code DOES NOT EXIST, but a group of educators from across sites would like to offer the course in the term(s) ahead

THEN

Course of Study
PILOT Proposal

MDUSD

COURSE OF STUDY REVISION PROCESS

&

PILOT COURSE PACKET

Residential & Commercial Construction Pathways

MDHS - 3 Course Pathway

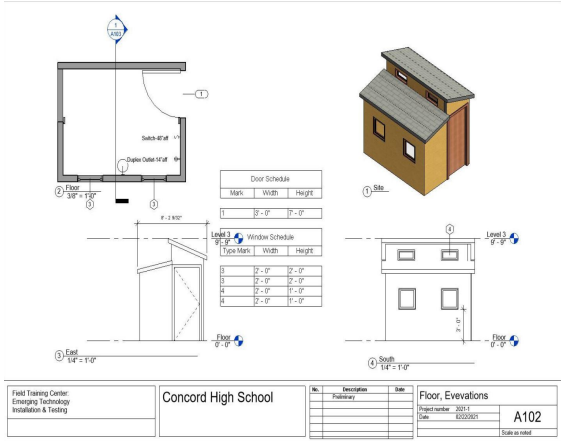
- Woodworking Tech (Concentrator)
- Woodworking Advanced (Concentrator)
- Construction Technology* (Capstone)

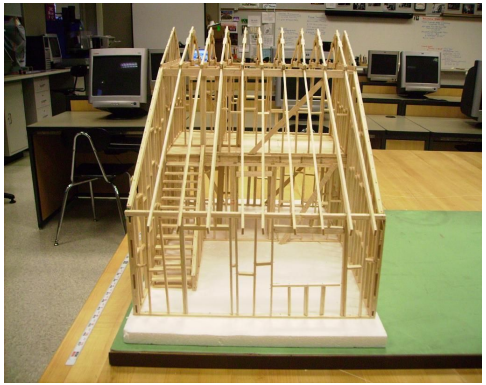
CHS

- Woodworking Tech (Concentrator)
- Construction Technology* (Capstone)

*** A-G Approved**

Carpenter's Union MOU
Marathon Petroleum – Habitat for Humanity Project


Door Schedule
Mark | Width | Height
1 | 3' - 0" | 7' - 0"
Window Schedule
Type Mark | Width | Height
3 | 2' - 0" | 2' - 0"
3 | 2' - 0" | 2' - 0"
4 | 2' - 0" | 1' - 0"
4 | 2' - 0" | 1' - 0"
Level 3
9' - 9"
Floor
0' - 0"
2 Floor
3/8" = 1'-0"
1 East
1/4" = 1'-0"
3 Site
4 South
1/4" = 1'-0"
Field Training Center:
Emerging Technology
Installation & Testing
Concord High School
No. | Description | Date
Preliminary
Floor, Evevations
Project number 2021-1
Date 8/2/2021
A102
Scale as noted



Construction I - Pilot

Current Course

Woodworking Technology

Course Description: Woodworking Technology I introduces students to the basic elements & skills used in cabinet making, furniture making and carpentry.

- *Aligned to Cabinetry, Millwork, and Woodworking Pathway*

Not fully aligned to capstone course

Proposed Course

Construction I

Course Description: Construction One will be an overview of the Construction Trades.

- *Aligned to Residential & Commercial Construction Trades Pathway*

Rationale:

1. Creates a cohesive course sequence
2. Supports industry partnerships
3. More aligned to labor market demands
4. Modeled after A-G course

CTE Model Standards: Building & Construction Trades

Animation Pathway – Northgate High School

Intro to 2D Animation

Intermediate Animation

Animation III (Pilot - *Approved Spring 2020; A-G approved Fall 2020*)

Animation III- Final Course of Study

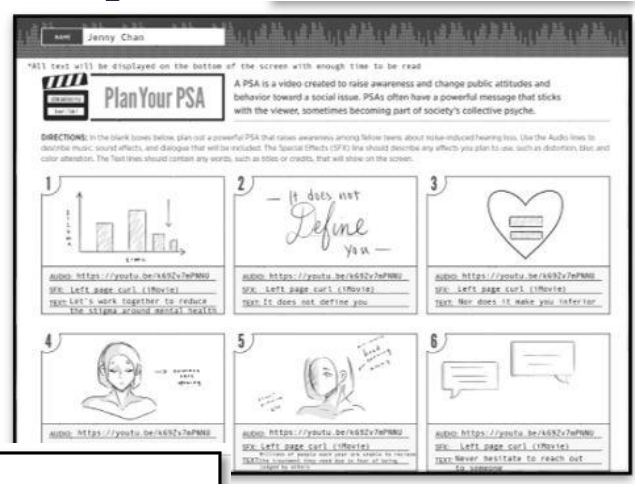
2020-2021 Pilot Year

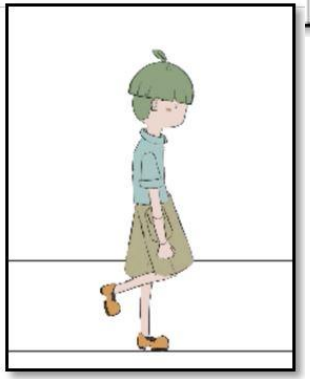
Weekly sketchbook assignments focusing on character design

- ❏ Building off of Intermediate Animation class skills

Create and complete 2 capstone projects - Demonstration of standards & skills taught including script writing, storyboarding, character and background development, critiques & animation

- ❏ PSA
- ❏ Let's Stay Far Apart Video Montage





Animation III- Final Course of Study

2021-2022 Pilot Year

Complete 3 capstone projects (PSA, Comic Strip, and Script using Pixar Story Spine

90% of the students passed the Adobe Certified Professional Certification in Photoshop

Learned Industry Standard Animation software ToonBoom Harmony & Storyboard Pro.

Learned Adobe Premier to help with creating professional introductions and credits for their animations.

Animation III - Final Course of Study

Pilot Evaluation & Recommendations

Sample of Student Survey Responses:

“I learned alot from the sketchbook assignments, and they were a nice consistent thing to have every week.”

“Walk Cycle - I enjoyed this assignment because we were able to recreate an assignment we did during Animation I; it helped us see the progress we made throughout the last few years.”

“I learned more about how motion and how flow between frames works. . . . After taking this class I feel like I have enough skills to make short animations of most things I want to create.”

Animation III - Final Course of Study

Final Course of Study

Reflects and incorporates changes from Pilot outline based on student feedback and reflection on assignments & assessments.

Provides capstone experiences to students

- ❏ Industry certifications (Adobe Photoshop)
- ❏ Industry based software (ToonBoom Harmony & Storyboard Pro)

Pathway now fully aligned to CTE Model Standards – Arts, Media & Entertainment, Design, Visual & Media Arts

Questions