

A+D MAKERSPACE AFTER SCHOOL



OBJECTIVES

The A+D Makerspace studio is dedicated to providing students with real-world experience through the Work, Learn Grow Employment Program and independent project-based learning. Students collaborate in teams and engage in design challenges hosted by industry partners and community stakeholders.

- Improve 2D CAD, 3D modeling & real-time animation skills.
- Improve visual communication skills through design proposals.
- Develop resume & portfolio through work-based learning.

SCHEDULE

MONDAY-THURSDAY

SELECT SATURDAYS

ROOM

231

DESIGN LAB

- Adobe Creative Suite - Graphic Design
- AutoCAD - Computer-Aided Drafting
- Architectural Model-making
- Laser Cutting
- Architectural Drafting

Ms. Cumberbatch

ROOM

232

DIGITAL DESIGN + 3D PRINTING

- Adobe Creative Suite - Graphic Design
- AutoCAD - Computer-Aided Drafting
- REVIT - Building Information Modeling
- Maya - 3D Modeling and Animation
- Blender - 3D Modeling & Coding
- Advanced 3D printing
- Virtual Reality

Mr. Codio

ROOM

322

326

INTEGRATED DESIGN LAB

- *Adobe Creative Suite - Graphic Design*
- *AutoCAD - Computer-Aided Drafting*
- *REVIT - Building Information Modeling*
- *Unreal Engine, Coding & VR*
- *Rhinoceros 3D - Advanced 3D Modeling*
- *Strata Systems - 3D Printing*
- *Woodshop & Model-Making*
- *C++ / Arduino Electronics & Programming*
- *Silk Screening*

Mr. Rodriguez & Ms. Moos