

Berrien Springs Partnership Syllabus and Instructor Qualifications

CLASS TITLE: Intro to 3D Printing

GRADE OR AGE LEVELS: Ages 10 and older with the ability to work on their own.

Maximum enrollment: 8 students

START DATE: September 1 **END DATE:** January 12

WEEKS TOTAL: 16 weeks

WEEKS OFF: Thanksgiving &

Christmas weeks

DAY/TIME REQUIRED: Wednesdays 6:00 - 7:30 PM **OR** Saturdays 10:00 - 11:30 AM **ADD'L**

DAYS/WK AVAILABLE:

HOURS (REQUIRED): 19 hours/sem

HOURS (POSSIBLE): 24 hours/sem

TOTAL SEMESTER HOURS POSSIBLE: 24

LOCATION/ADDRESS: 2601 N. 5th Street, Niles, MI 49120

DIRECTIONS TO LOCATION (if needed):

MAIN INSTRUCTOR: Gail Bliss

ADDITIONAL PRIMARY INSTRUCTORS (background checked): None

CONTACT INFORMATION: phone: 574-340-1025 email: thenilessteamroom@gmail.com

website: <https://www.nilessteamroom.com/>

ADDITIONAL REGISTRATION AT SITE REQUIRED? YES NO X

IF YES, INSTRUCTIONS FOR REGISTRATION:

MAIN INSTRUCTOR QUALIFICATIONS:

Gail has a Master's degree in Business Administration and has enjoyed teaching learners of all ages for over 40 years. Subjects taught include; 3d printing, art, Bible, cake decorating, entrepreneurship, laser printing, sewing and more. She enjoys seeing learners engage in discovery and taking that discovery to new heights in their own lives. She is a lifelong learner herself and strives to pass on the knowledge she has acquired to others. It is her desire that every child she encounters understands their worth and the power they have over their achievements.

COURSE DESCRIPTION (complete overview shown on website):

This introduction to 3D printing is designed for lifelong learners, but specifically for those ages 10 and older. 3D printing is a magical way to bring out the art in science. This course is only the springboard to the adventures that await in the world of 3D printing. We will learn the basics

of how to 3D print, touch on how 3D printing has impacted our world and then inspire participants to take their knowledge to the next level.

SYLLABUS/OUTLINE: weekly breakdown of Project-Based Learning activities

Describe activities that will reinforce the lesson. Include any work and time to be required outside of class. List here or (circle) SEE ATTACHMENT.

As artists identify their learning goals, weekly accountability will take place. The instructor will provide helpful feedback to lead to a positive outcome.

COURSE OBJECTIVES AND APPROXIMATE TARGET DATES:

Steps to check for student understanding, along with dates or # of weeks into class:

As artist focused goals are laid out, artists will demonstrate they understand by producing a project generated from those self-directed goals.

STUDENT ASSESSMENT - what will be used to evaluate student progress and/or end of semester pass/fail status?

All classes abide by the following:

- 1) Student agrees to attend at least 80% of class sessions/lessons offered. Attendance is kept online and tracked by Partnership staff. Failure to meet 80% or be on track to meet 80% may result in program discontinuation.
- 2) The Partnership Student Assessment or Performance Form is filled out by the teacher and turned in to Partnership staff. The link to this form is found on the web page for this class. Failing marks for lack of participation, behavior issues, practice time, etc. may result in program discontinuation.

Class-specific assessment: discuss and include the form or a link to the form that you use.

Finalized projects will be assessed on how much the artist has advanced in their techniques.

ADDITIONAL RESOURCES: (online, books, video, etc.):

CLASS POLICIES: ATTENDANCE, BEHAVIOR, WEATHER, ETC.

Attendance: It is expected that an artist attends all sessions for the best outcome and learning experience.

Behavior: Responsible behavior is expected. Adherence to safety and procedural policies will be expected at all times. Honoring fellow artists will be expected by encouraging one another on their work.

Weather: If the Niles School District is closed due to weather, this course will also be closed.

Other: If an event like COVID 19 were to happen again, virtual instruction will continue, each week.