



Week 1: July 25th - July 29th
Week 2: August 1st - August 5th

Course/Curriculum Proposal Information and Fact Sheet

BACKGROUND

Sheldon Institute for Barbara Shineman Scholars is an educational enrichment program offered at SUNY Oswego by the Office of Business and Community Relations, celebrating its 43rd year. The program welcomes children and adolescents entering grades 2 through 10 to attend a commuter program held on the beautiful SUNY Oswego campus. The day starts at 9:00 AM and ends at 4:00 PM. Before/Aftercare will be provided by Sheldon Institute staff and Student Assistants for parents/guardians who are unable to pick up at 4:00 PM.

This document is a guide for instructors planning to propose a course(s) to teach Sheldon Institute students. The Novice Division is for students entering grades 2 and 3, while the Intermediate Division is for students entering 4 and 5. The Junior Division is for students entering grades 6 and 7, while the Senior Division is for students entering grades 8 through 10. We are looking to offer courses that connect to themes within career exploration, STEM, and creative arts.

Instructors interested in teaching the Junior/Senior Divisions may teach more than one course. Instructors interested in teaching the Novice/Intermediate Divisions will co-teach a full day of programming with another instructor. Submitting interesting proposals increases the probability of an applicant's course being offered. Applicants will need to include estimated materials cost per student, along with any equipment costs and how essential the equipment is to run the course. Please note that parents/guardians may be charged extra material fees for sessions so please be mindful of the cost.

SUBMISSION & NOTIFICATION PROCESS

Course proposals should be submitted electronically via the google [form](#) document by **Friday, June 3rd, 2022**. The Director and Operations Manager will review course proposals, and applicants will be notified if their course has been selected along with the proposed time slot. Applicants with accepted proposals will need to inform the Director, Jennifer Hitchcock, or the Operations Manager, Erin Palmitese, at sheldoninstitute@oswego.edu, **immediately** if there is a problem with the session time to accommodate any changes. Applicants are expected to attend a virtual Instructor Orientation prior to the start of the program.

REQUEST FOR PROPOSALS

We are looking for course proposals that are interactive and engaging for students entering grades 2-10. If you are interested in instructing the Novice and Intermediate Divisions, you

should submit a curriculum that contains activities and learning objectives for the full 10 days of the program. The activities and curriculum should follow a specific theme. If you are interested in instructing the Junior and Senior Divisions, you should submit a course(s) that follows at least one of the following tracks: Creative Art, Career Exploration, STEM that contains activities and learning objectives for a 90-minute course offered over a 5-day period. Courses are entirely modelable for creativity and your area of expertise. You have the freedom to create a session that is engaging, hands-on, and will excite young minds. Below are some examples of courses offered in the past.

Examples of Past Courses:

Robotics

Overview: Students will build engineer robots while learning about visual coding and machine learning.

Digital and Experimental Photography

Overview: There is so much more to a camera than auto mode. Learn how to control depth of field, focus points, color and light.

Pie in the Sky

Overview: Learn about the fascinating history of pies and pie making. Learn how to make pie crust and several different desserts and main dishes.

A "Berry" Exciting Experience: Strawberry DNA Extraction

Overview: Let's explore the amazing world of DNA! We will start by developing and using a candy model of the DNA double helix to investigate its structure and function. Next, we will extract the DNA from strawberries that students can take home to show their families.

Cryptology: The Art of Hiding Secrets

Overview: We all have some shared secrets with our friends, but how can we make sure that nobody else can steal the secrets? In this class, you will be exposed to the field of cryptology, which is the study of different ciphers and codes that hide our information from others.

Acrylic Flow Painting

Overview: Acrylic Flow Painting doesn't require a paint brush OR any painting experience! It is a fun, experimental way of painting, where you actually POUR the paint! You thin down paint, and pour it onto canvas, and you end up with magical, unpredictable results!

COMPENSATION & PROCEDURES

Applicants whose course proposal(s) are selected will be compensated a flat rate of \$225 per 90-minute session (Junior/Senior Divisions) or \$30 per hour per week (Novice/Intermediate Divisions). Applicants must agree to teach all ten days (Novice/Intermediate) or all five days (Junior/Senior). Instructors will also be required to submit information to be checked through the

NYS Sex Offender Registry and attend a mandatory virtual Orientation before the program begins.

We look forward to receiving your proposal and hope you will be a part of our program this year! If you have any questions, please feel free to contact the Director or Operations Manager at the information listed below.

Sincerely,

Jennifer Hitchcock
Sheldon Institute Spring Director

Erin Palmitese
Operations Manager

Email: sheldoninstitute@oswego.edu