



•STEAM CAMP! •

Spatial Visualization

FREE:  
GRADES  
6-8!

## Ocean County College Presents:

Nov. 5-  
Dec. 3,  
2020

Thursdays  
6-8pm

Virtual  
via  
Webex

Email: [pbogdan@ocean.edu](mailto:pbogdan@ocean.edu) or  
[hjackson@ocean.edu](mailto:hjackson@ocean.edu)  
for additional questions about  
technology  
(see page 2 for tech requirements)

To register:  
Go to the following link [Registration!](#)  
and digitally register. After  
registration, we will reach out to you  
with the login details.

**Goal:** This camp encourages spatial skills in both technical and artistic applications for middle school students.

**Implementation:** Combine the use of the Spatial Vis™ application with drawing activities which align with the drafting techniques to show the full spectrum of STEAM

- Spatial Vis™ teaches freehand sketching to improve spatial skills which can increase grades in STEM, as well as CAD and Design skills.

**Required Materials for Students:**

- Spatial Vis™ application
- Touchscreen device (smartphone, tablet, PC with touchscreen) – Use of a stylus is recommended.
  - Android: Requires a minimum of Android 5.0 or higher
  - Apple Devices: Requires a minimum of iOS 12 or higher
  - Chromebooks: Need Google Play store enabled

Note: If a student does not have access to a device that meets the specification above, we have had a couple of users download the free Android Emulator called BlueStacks which allows students to download the app to their desktop computer. Keep in mind the experience with a mouse is not the same as a touchscreen.

- Hand sketching tools (paper, pencil, straight edge / ruler),
- Internet access for live sessions on Webex

**Optional Materials for Students:**

- Printed Graphing paper (isometric & Cartesian) - Free downloads for printing or pre-printed.
- Printouts of supplemental worksheets.