

A Tour of the Sandbox

Please join us for the DAS Spring General Membership Meeting !!

Tuesday, May 8, 2018

Delaware Technical Community College, Stanton Campus
400 Stanton-Christiana Rd., Newark, DE 19713

Cost: \$40 per person

Sandbox Program begins at 5:30 pm

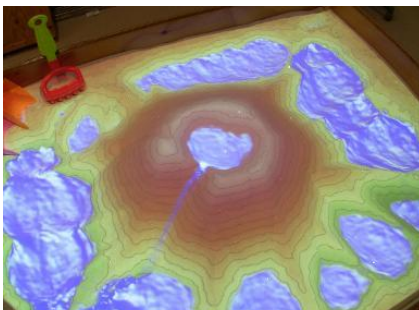
Buffet Dinner follows at 6:30 pm

One (1) pdh will be awarded with the completion of the hour presentation.

The Augmented Reality Sandbox was built by a team of instructors and faculty members at Delaware Technical Community College Stanton Campus based on a model developed by a team from UC Davis.

The sandbox is an interactive contour manipulation tool that responds to how students manipulate sand in a sandbox. Mounted above the sandbox is a 3-D camera and projector which creates real-time topographic maps and projects an elevation color map with topographic contour lines onto the sand. As students modify the sand's shape, the camera detects the change in the sand and updates the image of the contours to match the landform. The sandbox can also be used to demonstrate water flow on different landforms and to visualize the existing conditions of a design site prior to developing a design.

The sandbox is used in classes in the Architectural, Civil, Construction Management, Environmental, GIS & Surveying Engineering Technology programs at Delaware Tech. Visualizing landforms and watersheds using two dimensional topographic maps is a difficult task for students. Yet these skills are essential for Engineering Technology graduates who will help design roads, parking lots, storm water management facilities and other land development projects. The sandbox helps students to better master these necessary skills.



Enter the school at the main entrance and check in at the Public Safety Desk. They will provide instructions to the meeting room, C226.

Advance Reservations are Required through DAS.

Email: desurveyors@gmail.com

Phone/Text: 302-462-5293

(If you text, please leave your name within the text message)

Please make your check payable to DAS and mail to

9210 Slice Court, Wilmington, NC 28412

Credit Cards are also accepted.

Reservation Deadline – May 1, 2018

Authorization for Credit Card Use

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All information will remain confidential

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Email Address: _____

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Credit Card Number: _____

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Card Identification Number: _____ (last 3 digits located on the back of the credit card)

Amount to Charge: \$ _____ (USD)

I authorize _____ to charge the amount listed above to the credit card provided herein. I agree to pay for this purchase in accordance with the issuing bank cardholder agreement.

Cardholder – Please Sign and Date

Signature: _____

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Return the completed and signed form to the following:

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