While 3-D printers and pens have been used since the 1980's by innovative U.S. companies, students, artists and makers, today this additive manufacturing technique may be found in the medical, automotive, and aerospace industries. Each year, the number of industries utilizing this three-dimensional technique for producing prototypes continues to rise.

The 3-D printing process was first developed in 1989 at Massachusetts Institute of Technology and patented in 1993. Similar to ink jet printers, 3-D printers build additional layers on top of previous layers of material to construct 3-D objects through the use of digital designs. Some 3-D printers use a polymer or plastic feedstock similar to “weed wacker line” to make a three-dimensional object from a computer-aided design. The printer passes over a platform numerous times depositing a thin layer of material until the design is accurately reproduced. For larger manufacturers who cannot use plastic feedstock for their 3-D printing models, wood, metal and other materials are incorporated.

This technology was originally used by architects and automobile well-trained in 3-D printing for the making of prosthetic devices. Surgeons and dentists have also used 3-D printed components in patient treatment. The advantages to utilizing 3-D printing and 3-D printing in the making of prosthetic devices. Surgeons and dentists have also used 3-D printed components in patient treatment. The advantages to utilizing 3-D printing and 3-D printing in the making of prosthetic devices. Surgeons and dentists have also used 3-D printed components in patient treatment. The advantages to utilizing 3-D printing and 3-D printing in the making of prosthetic devices. Surgeons and dentists have also used 3-D printed components in patient treatment.

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On Friday, January 24, 2014, Kristin Bowler, Dodge and SRT Brand Training Manager, and Keith Yancy, Senior Manager, Creative Direction and Instructional Design from Chrysler Academy, visited the East Greenwich campus to announce the kickoff of the 2014 Game-On NEIT Game Design Competition. Students currently enrolled in the Video Game Development and Design Technology program (VGDD) can compete as two-member teams to develop a game concept for Chrysler’s Learning Academy. Jason Aguiar, a VGDD instructor, was instrumental in developing this relationship with Chrysler and bringing the competition to New England Tech.

The game development concept is based on the 2014 Jeep Cherokee. “Gaming is trending in training and in education to create a more engaging and thus positive learning experience,” says Bill Colthart, Assistant Professor, in the VGDD program. “This is an incredible opportunity for our students. It’s their first real-world game development experience.” The submitted game concepts will be further developed and enhanced at Chrysler and used as a sales training tool by the Learning Academy. Teams were required to register by January 31st. Game submissions are due on February 28th and will be judged based on Chrysler’s criteria with prizes awarded to the top four teams. Amazon gift cards will be awarded as follows: first-place-$2,000 gift card per team; second-place-$1,000 gift card per team; and the third and fourth place prizes are a $500 gift card per team. “Teams can be as imaginative as they want,” says Jason Aguiar. “Winning a prize is great, but more important is this fantastic addition to their portfolios to present to prospective employers.”

VGDD students also see the value in participating in a project for such a high profile company like Chrysler. Arthur Dugas, a Bachelor of Science student stated, “This is such a great opportunity. It’s a challenge to create a good serious game concept that will really meet a client’s goals. I’m sure there will be some great concepts developed in the end.”

SAMI Participants Shine

On December 4, 2013, Quarter 5 NEIT Veterinary Technology students attended the 43rd Annual Rhode Island Veterinary Medical Association Scientific Seminar at the Hyatt Regency Newport Hotel in Newport, RI. The students participated in an all-day Veterinary Technician Program. From left: Baharik Minassian, Taylor Annicelli, Ashley Smith, Sarah Hurd, Shelby Kowal, Alexandra Gutauskas, Melanie Donnachie CVT, NEIT faculty and Vet Tech Club Advisor, Elizabeth Jardine, Chief, Program Development Governor’s Workforce Board of RI.

For the third year, NEIT has served as an official host site for the 2014 Global Game Jam. This 48 hour game design event was held on January 24-26 at more than 485 jam sites in 73 countries with tens of thousands of participants. There were 49 Rhode Island participants who were divided into nine teams. All teams successfully completed a playable game within the time parameters based on this year’s theme, “We don’t see things as they are, we see them as we are.” There was no pre-planning. Teams were informed of the “secret game theme” at the start of the event. To see WJAR Channel 10 coverage of this event, click on http://www.gjw10.com/play/4239 newly created games!”

Academic Support For All Students

There are many services available to NEIT students at the Academic Skills Center (ASC). Along with Director Ann Ricci, a team of outstanding faculty members stand ready to serve the needs of students. All tutors are professional teachers with a minimum of a master’s degree. ASC’s mission is to provide academic support to students throughout their degree program at New England Tech, preparing each individual to become self-directed, life-long learners. ASC offers students assistance in study skills, critical reading, writing, math and health science skills. An assessment lab is also available where new students complete on-line evaluations to assist with course selection and placement. Students may take advantage of the “Success Skills Workshop”, designed for new and current students, where strategies for time management, note-taking, reading and test-taking are reviewed. Complimentary, one-on-one and small group tutoring is available on a walk-in basis.

Employers across all technological fields hire graduates who are technically proficient and creatively and can communicate well both orally and in writing. NEIT understands that along with technical programs, students need a broad range of communication skills, which is why the college offers students this personal and professional development.

The Academic Skills Center is located at the East Greenwich campus in Suite S103 just to the left of the main lobby entrance. ASC is open Monday-Thursday 8:00 a.m.-7:00 p.m.; Friday 8:00 a.m.-4:00 p.m.; and Saturday 9:00 a.m.-1:00 p.m. The Science Lab is open Monday-Friday from 9:00 a.m.-4:00 p.m. For more information, email Ann Ricci or call 401-739-5000, ext. 3416.
Congratulations to the 65 outstanding New England Tech students who were recently awarded scholarships in recognition of their academic achievements. These scholarships, ranging from $500 to $3000, were provided by the NEIT Alumni Association as well as in memory of a friend, staff member, or faculty member of the college. Various trade organizations also generously supported our students in their educational pursuits. Congratulations to the following students:

NEIT ALUMNI SCHOLARSHIP
Kayode Adebayo
Deborah Castelli
Jessica Lepre
Tracy Letourneau
Kerry Potenza
Deborah Castelli
Kerry Potenza
Holly Santiago
Lisa Wotring

BRIDGESTONE/FIRESTONE SCHOLARSHIP
Alden Falcone
Kyle Kus
Hanshi Nanavani
Rupert Sepulveda
Jenna Thibodeau

MATTHEW J. FANDETTI MEMORIAL SCHOLARSHIP
Franklin Barbeau
Robert Icaza
Kelly LaFontaine

COMPASS GROUP SCHOLARSHIP
Jennifer Abrail
Penelope Donahue
Robin Ann Houle

WILLIAM R. TALLADAY MEMORIAL SCHOLARSHIP
Sidney Seigel

GERARD R. PINCENCE MEMORIAL SCHOLARSHIP
Richard Tapalian

REGAN HEATING AND AIR CONDITIONING SCHOLARSHIP
Ronald Robin

ROSSI ELECTRIC SCHOLARSHIP
Stephen Koester

RI BUILDERS ASSOCIATION/DAGATA SCHOLARSHIP
Christopher Bonville

RI RADIO HALL OF FAME SCHOLARSHIP
Alexandre Kohler

RI VETERINARY MEDICAL ASSOCIATION
Lynne Asselin
Rabin Alonzo
Ruben Alonzo

-Sahil, Minassian

DR. CURT SCHILLING SCHOLARSHIP
Ruben Alonzo
Kelsey Emmett

CHelsey Johnson
Christopher Bray

TACO/THE WHITE FAMILY FOUNDATION SCHOLARSHIP
Mark Bardol
Patrick McCafferty
Thomas Pendrea

WILLIAM R. TALLADAY MEMORIAL SCHOLARSHIP
Sidney Seigel

TEXTRON DIVERSITY SCHOLARSHIP
Sara Boettner
André Cole
Sarah De Stefano
Sebastian Lara
Melissa Raposa

WW GRAINGER, INC. HVAC SCHOLARSHIP
Danilo Alves
Andy Chea

MAURO JONES
Scott May

JAMES PAIVA
Dario Smith

GEORGEY THOR MEMORIAL SCHOLARSHIP
Mark Wieland

SAM HOLTZMAN MEMORIAL SCHOLARSHIP
Breit Carrano

PatriCia Silvestre-Dasilva MEMORIAL SCHOLARSHIP
Christian Collins

NEIT EMPLOYEE SCHOLARSHIP
Lori Foster
David Lindstrom

EAST GREENWICH ROTARY SCHOLARSHIP
Lacie Williams-Hill
Casey Cartwright
Antonio Adderley

SAVING THE DATE
TECHNOLOGY CAREER EXPO ‘14
Thursday, March 6, 2014
East Greenwich Campus/Tech Way

SAVING THE DATE
TechNite Open Houses
Tuesday, April 8, 2014
RI Convention Center, Providence, RI

Upcoming
TECH NITEMS
ALUMNI GOLF TOURNAMENT
Monday, July 14, 2014
New Location! Alpine Country Club, Cranston, RI

Dr. Michael Fine to Speak at NEIT ‘Real Healthcare Reform’

Michael Fine, MD, Director of the Rhode Island Department of Health since July, 2011, will visit the East Green-
wich campus on Thursday, February 27, 2014, from 7:00 p.m. to 8:00 p.m. to speak about his book. Dr. Fine is the co-author with James W. Peters of the Nature of Health: A Study of Healthcare Services, Hu- man Rights, Society, Technology, and Industry. He is also the author of The Zero Calorie Diet, which examines the culture of excess through the lens of fasting.

Dr. Fine will read an excerpt entitled De- mocratic Contract and Developed from the Nature of Health and will then speak and show a Power Point presentation. There will be a question and answer period.

The lecture will be held in the Media Pre- sentation Theater and is free and open to the public. For more information, contact Susan Warthman, Director of the Library and Infor- mation Commons, at swarthman@neit.edu or call 401-739-5000.

NEIT Participates in Research Grant

New England Tech joins Roger Williams University and the University of Rhode Island in a cross-institutional economic develop- ment research project through the College & University Research Collaborative (the Collaborative). The research project entitled “Manufacturing Capabilities in Rhode Island and the Potential for University Partnerships” will bring key faculty members from these in- stitutions of higher learning together to examine the current and future needs of the manufactur- ing sector in Rhode Island. The Collaborative is funded by the Rhode Island Foundation and Commerce RI (formerly the Rhode Island Economic Development Corporation).

Dean A. Plowman, Department Chair/ Assistant Professor, Engineering Technology Department, will represent NEIT as a member of the research team. Its task is to collect data from designated small and large manufactur- ing firms in Rhode Island, provide a database of needs and plans, and explore those options most beneficial to develop. The team will also examine the role higher education will play to support the development of future manufactur- ing capabilities.

According to Plowman, “We are thrilled to contribute to such an important economic development project for Rhode Island. Many of my fellow research colleagues view NEIT as the “Maker College” in Rhode Island. It is our hope that NEIT’s expertise in hands-on, technical training in many “maker” technologies such as electronics, robotics, 3-D printing, and programming, will help find solutions to manu- facturing challenges now facing our state.”

TechArts! Calling all artists! Everyone is an artist!

TechArts 2014 will be on display during the Spring Quarter in the Library. We are looking for art from students, faculty, and staff.

For a complete listing of the types of fine and applied art and a submission form, stop by the Library or visit the Library website at www.library.neit.edu.

All art must be submitted to the Library before March 22, 2014. For more information, call or e-mail Sue Warthman, ext. 3553, swarthman@neit.edu or Sharon Charette, ext. 3447, charette@neit.edu
Alpha Chi Students Honored

NEIT’s THIRD ANNUAL INDUCTION CEREMONY of the Rhode Island Gamma Chapter of the Alpha Chi Honor Society was held this past December. This prestigious honor society was established at New England Tech in 2012. Eligible students include the top 10% of baccalaureate and graduate students in all academic disciplines. The induction ceremony was presented by Assistant Provost Rob Schutt Ph.D. who serves as the School’s Faculty Advisor, along with Assistant Provost Karen Arnold Schultz.

Alpha Chi Honor Society was founded in 1922 when representatives from five Texas colleges and universities met to organize a society to honor high academic achievement among students. By 1928 the organization had spread to all states and in 1934 adopted the name Alpha Chi and expanded into a national honor society. With more than 300,000 members and 300 chapters located in 45 states and Puerto Rico, the Alpha Chi Honor Society inducts approximately 11,000 new members each year. Congratulations to the following Alpha Chi Honor Society inductees:

Brendan Almeida
Rafael Arroyo
Dakota Baggett
Ryan Beshay
Thomas Brindamour
Kevin Brizida
Carlos Campos
Andy Cole
Christopher Consiglio
Laura Crowley
Deshawn Donovan
Alena Duffy
Kyla Ferguson
David Fontana
Byron Greenwood
Chad Gladue
Seth Golbitz
Erin Griffin
Jennifer Hall
Joanathan Lentzi
Leslie Lessard
Martha Liebler
Joseph Lombardi
Christina Matsuka
Patrick McCallery
Michael Medeiros
Andrew Niedefield
Ryan O’Connell
Stephan Petrova
Thomas Prenda
Joiee Roberts

Kristen Rohde
Hugh Salami-Kohan
Tiffany Schmid
Jonathan Stadler
Anthony Tassafini
Glen Timas
Darrell Wengler
William White
Stephan Wiltz
Brian Young

Ford Delivers Online Program to Automotive Students

Students in NEIT’s Associate in Science degree program in Automotive Technology are now enrolled in an online program developed by the Ford Motor Company. New England Tech has partnered with the Ford Motor Company to offer students the Ford Maintenance and Light Repair (MLR) program. NEIT is the only college in southern New England to offer the MLR program to its students.

Divided among the automotive student’s study of quarter at NEIT, the MLR program consists of 36 credits and is comprised approximately two hours to complete. Automotive instructors assign the modules as the content complements the Automotive Technology curriculum. The work is typically assigned as homework, and students may work individually or with a partner. At the end of each module, each student must complete a test on the material covered. So that students may practice their hands-on skills specifically on Ford products, the Ford Motor Company has generously donated several vehicles to NEIT.

Upcoming

TECH NITE OPEN HOUSES

- Tuesday, April 8, 2014
- Tuesday, June 3, 2014
- Tuesday, August 5, 2014
- Wednesday, November 5, 2014

All Tech Nite begins at the East Greenwich campus and run from 3:00 p.m.-7:00 p.m.
ATTENTION ALUMNI

All alumni are automatically registered as members of the NEIT Alumni Association. We value our graduates’ ideas regarding events, workshops, and benefits that may be made available to alumni. Please forward your suggestions to Joan Segerson, Director of Development and Alumni Relations at jsegerson@neit.edu or call 401-739-5000, ext. 3704.

A valuable benefit available to NEIT alumni is special insurance rates through Liberty Mutual Insurance and AFLAC. Liberty Mutual is offering group discount rates for auto and homeowners insurance, and terrorism insurance. AFLAC provides supplemental insurance to cover daily living expenses when you are unable to work due to illness or injury. Both Liberty Mutual and AFLAC are proud partners of the NEIT Alumni Association.

To learn how AFLAC can protect you and your family, call 800-524-9460 or visit www.libertymutual.com/alumni.

For more information about Liberty Mutual’s insurance programs, please contact Joan Segerson, Director of Development and Alumni Relations at jsegerson@neit.edu or call 401-739-5000, ext. 3704.

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Winter Quarter Activities

Open Basketball
The Kent County YMCA basketball gym has been rented out for the exclusive use of currently enrolled NET students! Students must bring their NET student ID and must wear sneakers to participate. Kent County YMCA, 300 Gentleman Road, Warwick, RI 02886 Fall Quarter – Thursday (weeks 1-10) between 2:00 p.m. and 4:00 p.m. (when classes are in session)

Game Rooms
All NET students are welcome to use the game rooms and the ping pong tables. Come and meet new people! Consider playing in or watching the game and ping pong tournaments that are held each quarter!

Locations:
Post Road Campus, CT Building, Student Lounge. The game room has two pool tables and a ping pong table.

East Greenwich Campus: Students may access the game room at the far end of the Food Court seating area. The game room has two pool tables and a ping pong table.

Blood Drives
The RI Blood Center collected 34 blood donations at the January 2014 Blood Drive, which will produce over 150 blood products and impact countless lives! Every pint collected has the potential to save three lives. The next blood drive will be held in April 2014 on all our campuses. The RI Blood Center graciously appreciates all donations!

Chess
Chess sets are available for students to use in the Student Lounge on the EG Campus. What’s your strategy? Wish you could make the right move? Challenge yourself in a game of chess. Students, faculty and staff are encouraged to play.

Student Leadership Opportunities
All NET students are encouraged to get involved on campus by volunteering at NET events. Students who volunteer at NET events will receive a certificate of participation for each event and the opportunity to earn the CE101 credit. Involvement in college events looks great on a

Criminal Justice Club and Warwick Police Department Team Building Event
The NET Criminal Justice Student Club participated in a team building event coordinated by the Warwick Police Department. The students had to complete an obstacle course. The purpose of the event was to help students understand the importance of teamwork and the mind set of never giving up. In a policing environment, people will be counting on them to help and keep them safe. This event was a perfect opportunity for the students to embrace these concepts.

Rotaract Club
Winter Warm-Up Drive
NET’s Rotaract Clubs held a Winter Warm-Up Drive this past November. Thank you to all that donated new or gently used coats, hats, mittens or other winter items. All items were donated to the Kent County YMCA’s Coat Exchange Program.

For more information about any of these activities, events, or starting a new club on campus, please contact Melissa Hague, Student Activities Coordinator, at 401-739-5000 extension 3566, or by email at mahague@neit.edu.