Suburbia Transformed
550: 439 Fall 2020
Class Meeting: Friday 12:35 to 3:35

CONTACT INFORMATION:
Instructor: Rich Bartolone
Office Location: 223 Blake Hall
Phone: 732-710-9976 (cell)
Email: rbartolo@sebs.rutgers.edu
Office Hours: By Arrangement

COURSE WEBSITE, RESOURCES AND MATERIALS:
• Course material and resources will be available on the course Canvas website

COURSE DESCRIPTION:
The focus of the Suburbia Transformed course will be the development of innovative and sustainable design at the residential scale. We will investigate strategies that not only conserve, but actually celebrate resources while accommodating all types of outdoor activities. The class will examine award winning case studies that demonstrate the fundamental elements of exceptional residential design with the application of “green” strategies and tactics. An emphasis will be placed on fundamental site and planting design elements at the intimate scale of the studied spaces. We will do this by making photographic observations, preparation of scale models, site sections and master plans. The selected residential design projects will provide excellent forums for experimentation, innovation and honing a designer's skill at all aspects of site design.

LEARNING GOALS:
• Develop innovative and sustainable site design at the residential scale.
• Explore the individual design process steps for analysis, design and documentation of the projects that can not only conserve but actually celebrate resources while accommodating all desired outdoor activities.
• Explore fundamental site and planting design elements including site grading and storm water management

ASSIGNMENTS/RESPONSIBILITIES & ASSESSMENT:
Project #1 James Rose Center –New Courtyard Design (40% of course grade)
Project #2 Rosell Park Detention Basin Study (40% of course grade)
Research Residential Sustainable Design Projects (10% of course grade)
Studio Binder (10% of course grade)

ACCOMODATIONS FOR STUDENTS WITH DISABILITIES
Please follow the procedures outlined at https://ods.rutgers.edu/students/registration-form. Full policies and procedures are at https://ods.rutgers.edu/

ABSENCE POLICY

COURSE SCHEDULE:
Week Activity/Assignments
September 4 Course Introduction, start sustainable residential design research
September 11  James Rose Center: site visit, collect site information
September 18  Prepare site analysis, opportunities and constraint maps, determine project program
September 25  Prepare preliminary designs, start site model
October 2   Prepare plans and site sections, present residential sustainable design research
October 9   Presentation drawing development, Project due: March 14 at 1 PM
October 16  Present Rose Center Courtyard Designs.
October 23  Start Rosell Park detention basin transformation studies, what is a detention basin and what could it be? Start project research
October 30  Rosell Park site visit, collect site information
November 6  Prepare site analysis, opportunities and constraint maps
November 13 Investigate storm water management strategies, alternate/innovative uses
November 20 Design Development
November 25 Friday Class Schedule
December 4 Design Development, preliminary presentation drawings review

FINAL PROJECT PRESENTATION/DUE DATE
December 19 TBA

ACADEMIC INTEGRITY
The university’s policy on Academic Integrity is available at http://academicintegrity.rutgers.edu/academic-integrity-policy. The principles of academic integrity require that a student:

• properly acknowledge and cite all use of the ideas, results, or words of others.
• properly acknowledge all contributors to a given piece of work.
• make sure that all work submitted as his or her own in a course or other academic activity is produced without the aid of impermissible materials or impermissible collaboration.
• obtain all data or results by ethical means and report them accurately without suppressing any results inconsistent with his or her interpretation or conclusions.
• treat all other students in an ethical manner, respecting their integrity and right to pursue their educational goals without interference. This requires that a student neither facilitate academic dishonesty by others nor obstruct their academic progress.
• uphold the canons of the ethical or professional code of the profession for which he or she is preparing.

Adherence to these principles is necessary in order to ensure that

• everyone is given proper credit for his or her ideas, words, results, and other scholarly accomplishments.
• all student work is fairly evaluated and no student has an inappropriate advantage over others.
• the academic and ethical development of all students is fostered.
• the reputation of the University for integrity in its teaching, research, and scholarship is maintained and enhanced.

Failure to uphold these principles of academic integrity threatens both the reputation of the University and the value of the degrees awarded to its students. Every member of the University community therefore bears a responsibility for ensuring that the highest standards of academic integrity are upheld.

STUDENT WELLNESS SERVICES
Just In Case Web App  http://codu.co/cee05e
Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)
(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/  www.rhscaps.rutgers.edu/
CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students’ efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)  
(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/  
The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services  
(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / https://ods.rutgers.edu/  
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