**Job Title**: Design/Build Faculty

**Classification, Time**: Exempt, Full-Time

**Reports to:** President

**Staff Team**: Faculty Team

**Job Summary**

The Design/Build Faculty is responsible for advancing Yestermorrow’s design/build curriculum through curriculum development, teaching, directing the school’s Sustainable Design/Build Semester Program and Design/Build Certificate Programs, and Advising Class Support Interns. The Design/Build Faculty works closely with the Woodshop Faculty, Yestermorrow’s President, the Program Administrator, and the Operations Team.

**Essential Duties & Responsibilities:**

* Curriculum Development
* Lead Instructor and Director for the Yestermorrow/UMass Sustainable Design/Build Semester Program
* Director of Yestermorrow’s Design/Build Certificate Programs
* Instructor and/or Co-Instructor for Design/Build Courses
* Advisor to Class Support Interns

**Curriculum Development**

Yestermorrow offers a variety of courses throughout the year, including weekend courses, week-long courses, two-week, courses, and longer-form courses through our Certificate and Semester Programs. The Design/Build Faculty is responsible for developing Yestermorrow’s design/build courses, together with the Woodworking Faculty, President, Program Administrator, external instructors, and operations staff.

Responsibilities include:

* Designing the full design/build course catalog each year, including courses descriptions, learning objectives, and syllabi
* Recruiting and managing external instructors and partners
* Overseeing program evaluation to monitor satisfaction of students and teaching effectiveness
* Teaching a limited number of courses each year

**Lead Instructor and Director of the Yestermorrow/UMass Sustainable Design/Build Semester Program**

The Yestermorrow/UMass Sustainable Design/Build Semester Program (Semester Program) is a 15-credit, semester-long program for up to 15 undergraduates and recent graduates. Based on the Yestermorrow campus and operating from mid-August through Mid-December each year, the program is focused on the collaborative design and construction of a single, high-performance, year-round structure for a real client. The semester includes four credit-bearing courses, taught as an integrated whole through lectures, seminars, discussions, studio time, and jobsite work. This full-immersion, credit-bearing semester complements programs in architecture, building science, engineering, and environmental design majors and has wide application in liberal arts curricula. Course descriptions and syllabi are available at <https://yestermorrow.org/learn/semester-program/academics>

The lead instructor for the Semester Program is responsible for delivering the academic curriculum, leading and guiding the design/build process, supervising the faculty team (a co-instructor and teaching assistant), and teaching students how to develop and structure the design/build process collaboratively and constructively for themselves. The lead instructor is also responsible for the academic evaluation of students for credit through UMass Amherst. The lead instructor is cross-listed as faculty in the Department of Architecture, UMass Amherst.

Responsibilities include:

* Serve as the lead faculty to teach the Semester Program curriculum in the studio, classroom, and jobsite
* Supervise the faculty team: a co-instructor and teaching assistant
* Plan, develop, and refine the Semester Program curriculum, including:
	+ Developing lectures and presentations
	+ Leading group discussions and decision processes
	+ Fostering independent and student-directed work
	+ Identifying and working with a client for the Semester Program
* Provide mentorship and academic evaluation for students
* Market and grow the program as appropriate, in cooperation with Yestermorrow staff.

**Director of Yestermorrow’s Design/Build Certificate Programs**

Yestermorrow professional certificate programs are designed for individuals looking for intensive, in-depth, hands-on opportunities for deepening understanding, acquiring functional skill sets, and widening career opportunities. Design/Build Certificates for the 2018 calendar year include:

* Certificate in Residential Design & Construction (Five Weeks)
* Certificate in Building Science & Net Zero Design (Four Weeks)
* Natural Building Certificate (Six Weeks)
* Tiny House Design/Build Certificate (Four Weeks)

Other Certificate Programs include a Woodworking Certificate (11 weeks), and an Advanced Woodworking Certificate (4 weeks), which are led by the Woodworking Director. Certificate course descriptions and syllabi are available at <https://yestermorrow.org/learn/certificate-programs>

The Design/Build Faculty is responsible for overseeing the design/build Certificate curricula and instructors, co-teaching and student advising. The Design/Build Faculty provides a consistent presence and academic continuity for Certificate students, especially as external instructors teach select pieces of the curriculum.

Responsibilities include:

* Supervise external instructors and coordinate with Yestermorrow operations staff to plan, develop, and refine the design/build Certificate Program curricula, including overseeing learning objectives, pedagogy, syllabi.
* Lead or co-teach portions of the design/build Certificate Programs as appropriate
* Provide mentorship and academic advisory services to students throughout the Certificate programs
* Market and grow the design/build Certificate Programs through activities such as public lectures, conference presentations, blogs, etc.

**Instructor and/or Co-Instructor of Design/Build Short Courses**

The Design/Build Faculty will teach or co-teach Design/Build short courses where appropriate. Short courses include weekend, week-long, and two-week courses.

Responsibilities include:

* Developing the course syllabus and learning objectives
* Coordinating with operations staff on class support needs
* Teaching the course, in the classroom or jobsite, or both
* Coordinating with co-instructors, as necessary
* Providing overall mentorship and academic advisory services to students
* Working with Yestermorrow staff on marketing the courses

**Advisor to Class Support Interns**

Yestermorrow relies on a team of 2-4 residential, Class Support Interns to support class logistics and preparation. The Design/Build Faculty provides overall mentorship and academic advisory services to interns and they support the development of the internship program.

Responsibilities Include:

* Advise on learning objectives and professional growth for Class Support Interns
* Train, implement, and enforce safety protocols
* Work with the Class Support Coordinator to plan and oversee weekly work priorities

**Qualifications:**

* Masters of Architecture (MArch) or Bachelors of Architecture (BArch) required.
* At least 5 years of experience in sustainable design/build preferred, as an instructor and/or practitioner.
* Proficiency with computers required, including computer-aided design software, Microsoft Office and Google Suite applications, and Adobe Suite of graphic design applications.
* Experience in sustainable design, methods, and construction (high performance envelopes, ethical material selection, reduced mechanical loads, renewable infrastructure, low-waste construction, etc.) and familiarity with standards such as LEED, Living Building Challenge, Passive House, etc.
* Excellent written and oral communication; demonstrated technical competencies related to the integrated design/build process (schematic design, drafting construction documents, facilitating group charrettes, developing mockups, etc.) and various types and all stages of construction (including site work, foundations, wall systems, HVAC, finishes, etc.).

**How to Apply:**

* Please send resume and cover letter to Michael Crowley, mike@yestermorrow.org.
* Preference will be given to applications received by September 13, 2017.
* Position is open until filled.
* Any questions about this job description should be directed to Michael Crowley, mike@yestermorrow.org