



University of New Haven

## ENTREPRENEURIAL MINDSET IN STEM CERTIFICATE

The Entrepreneurial Mindset in STEM Certificate (EM in STEM) recognizes those students who have exemplified the characteristics of a graduate with an entrepreneurial mindset; namely, curiosity, connections, and creating value. Students can earn the EM in STEM Certificate at one of the following three levels: Silver, Gold, or Platinum.

### • Silver: Exploration

- Completion of the 1-credit EASC 2200: Entrepreneurial Mindset in STEM self-paced Blackboard course, or completion of the 3-credit BUSA 1000: Introduction to Business and Entrepreneurship, and
- Attend at least four events focused on curiosity, connections, or creating value, across three semesters while enrolled as a student (*must be approved in advance*).
  - Discussion Dinner
  - Guest speaker or lecturer

### • Gold: Participation

- Fulfill the requirements for the silver level, and
- Completion of the EASC 4420: Entrepreneurial Concepts for Engineers and Scientists course *OR* an additional 1-credit EASC 2200: Entrepreneurial Mindset in STEM self-paced Blackboard Course, and

- Participate in at least one additional immersive extracurricular activity.

Examples include:

- 24-hour design sprints hosted by the TCoE or other universities (*must be approved in advance*)
- Alvine New Venture Pitch Competition

### • Platinum: Demonstrated Leadership

- Fulfill the requirements for the gold level, and
- Serve as a mentor or leader in an entrepreneurial experience.

Examples include:

- University Innovation Fellow
- Mentor two 24-hour design sprint events



*Students must complete brief feedback/reflection forms to be credited for participating in activities.*

For additional information, contact: [keen@newhaven.edu](mailto:keen@newhaven.edu)

## Engineering LLC Discussion Dinners

The Engineering Living-Learning Community (LLC) hosts monthly Discussion Dinners. Discussion Dinners are structured to be one hour long, starting with dinner in the residence hall, followed by a themed discussion. The presentation is not meant to be a lecture but rather an interactive discussion with students. The theme for the discussions center around promoting entrepreneurial thinking; that is, promoting students' curiosity, helping them make connections between different ideas, or helping them make connections between people, with the purpose of creating value for the products and systems that are designed.

## External Business and Entrepreneurship Events

Attend and participate in entrepreneurship competitions, business pitch competitions, and/or relevant entrepreneurial boot camps hosted by organizations external to the University of New Haven. Students will develop and test their skills in teamwork, critical thinking, technical knowledge, and business acumen. Samples of opportunities available may include:

- Innovation Encounter at Lawrence Technological University
- 24-Hour Imagination Quest at Villanova University
- Connecticut Business Conference and Competition or Lean Startup Accelerator

## EASC 4420: Entrepreneurial Concepts for Engineers and Scientists

Engineers or scientists with an entrepreneurial mindset are expected to use their curiosity to identify market opportunities and develop new ideas that return value. The course fosters that mindset and couples it with the business, finance, and marketing knowledge and skills needed to achieve your goals. Learn the entrepreneurial process from the conception of an idea to the formation of a new business with major emphasis on technology entrepreneurship.

## Alvine New Venture Pitch Competition

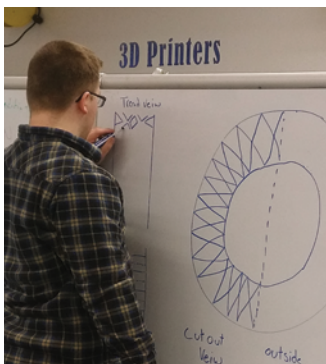
The Alvine New Venture Pitch Competition, typically held each spring, provides an opportunity for students from all majors to gain experience in developing a new venture, while learning about entrepreneurship and innovation. The competition begins with initial pitches, followed by 4-5 weekly workshops to prepare students for their final pitches.

## University Innovation Fellows

The University Innovation Fellows (UIF) program is a global program that empowers students to become leaders of change in higher education. Through workshops on design thinking, students gain the necessary attitudes, skills and knowledge to lead action on our campus to promote Curiosity, Connections, and Creating Value. Former students established Charger Startup Weekend as an annual event on our campus to promote the need and use of the University Makerspace, and lobby for TEDxUniversityofNewHaven. To learn more, visit [universityinnovationfellows.org](http://universityinnovationfellows.org).



## 24-Hour Design Sprints



The 24-hour design sprint is a two-day event that involves presenting brand-new ideas to the marketplace. It is a combination of The Amazing Race, Shark Tank, The Apprentice, and Fear Factor. The events are hosted by multiple groups on campus and sometimes bring in students from other universities. Students will form teams based on similar interests in a proposed problem and will collaborate to quickly work through the design process to create ideas, polish solutions, prepare prototypes, and present a pitch for the final presentation to judges.