Context: Over the past two decades Haiti has been repeatedly devastated by natural disasters. The poorest country in the Western Hemisphere, it fights an uphill battle to provide vital services and safety for its population. Too frequently, Haitians are left without shelter from storms and suffer overwhelming consequences. Our class will develop a multipurpose disaster shelters program to provide safe, sustainable relief for the majority of the Haitian population.

Course: Over the span of this seven week course, students will be challenged to work in project teams to develop designs, budgets, resource allocations and siting documents for a hypothetical nation-wide disaster shelter program. Teams will need to employ a range of engineering skillsets and problem solving strategies to create a program that provides sustainable shelter against the ever-present threat of disasters to Haiti’s population. The course will culminate in a live simulation that will test each team’s proposed disaster shelter plan against disasters scenarios.

Instructor:
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Please don’t hesitate to contact me if you have any questions around this course.