

48749 - Special Topics in Computational Design: Rethinking Automation in Construction

Units: (6-9)

Meeting time: TBC

Meeting place: Mill 19 facility

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This course interrogates the confluence of robotics and artificial intelligence methods and its potential applications to architectural design and construction. In combination with a group of computational design and robotics faculty and PhD students, course participants will explore a vision for the future of construction that does not aspire to fully automated design and building, but instead at computer- and robotically- supported cooperative design and construction. The group will meet in CMU's new Mill 19 facility and contribute to the development of a prototype with state of the art equipment.