

Reading Response #3
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DOCUMENT



Falling Water, Frank Lloyd Wright:

- Modern Architecture (Carnegie Mellon)
- Environmental Systems (UM)
- Construction (UM)
- Structures (UM)
- Building Technology (Princeton)
- Real Estate Design and Development (Carnegie Mellon)
- Materials and Assembly (Carnegie Mellon)
- Architectural Representation (UM)

INVENT

Renewable Design:

This course is the combination of Ecology and Design Fundamentals. As our world is moving towards renewable resources at an increasing rate, this course is based on how we, as architects, can begin to incorporate these systems into design. Over the course of the semester, we will cover the multitude of renewable resources and their applications to architecture, keeping in mind location as well as integration with aesthetic and structures. Projects in this class will include two case studies (focused on regionalism) and a design competition on the basis of creating the newest renewable resource trend.

This course is a useful part of the architectural education as it begins to take a look at the future of how buildings and energy relate. As society shifts from fossil fuels to renewable resources, architecture has a major factor in how that plays out. So by educating new architects to plan with sustainability in mind, schools will be preparing architects to be ahead of the curve.

This would fit in the tail end of the undergraduate education, as a basis in architectural and studio education is required.