FutureHAUS DUBAI
SOLAR DECATHLON MIDDLE EAST

Survey Research Course
Open to all students, all majors
Spring 2017
Thursdays 5-7 PM
Cowgill 300

10669 Arch 4214 Undergraduate
10818 Arch 5134 Graduate

This course, open to all students of all majors, allows students to participate in the beginning stages of Virginia Tech’s next Solar Decathlon Home design and development. The survey research course will ask all students to do independent research on various aspects of the net-zero energy home design. Students will be asked to summarize their research and present relevant results back to the class.

The course will also include guest lecturers who will speak about a wide range of topics related to the home design and competition.

Topics of research will include, but not limited to, energy efficient building design, renewable energy, sustainability, smart home technology, marketing and communication, building technology, construction, engineering and landscape design.

The 2018 Solar Decathlon Team will be formed in May of 2017. This course will be a great opportunity to become part of the core team which will compete in Dubai in October of 2018.

ABOUT SOLAR DECATHLON: The Solar Decathlon is an international competition which asks students from universities to design, build and operate net-zero energy houses. In Fall of 2018, 22 university Houses will be constructed on a city plaza in Dubai and compete for one week. Houses will be judged for design, performance, and innovation.