

Hydrogen City Project

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EDSGN 100 Section 009

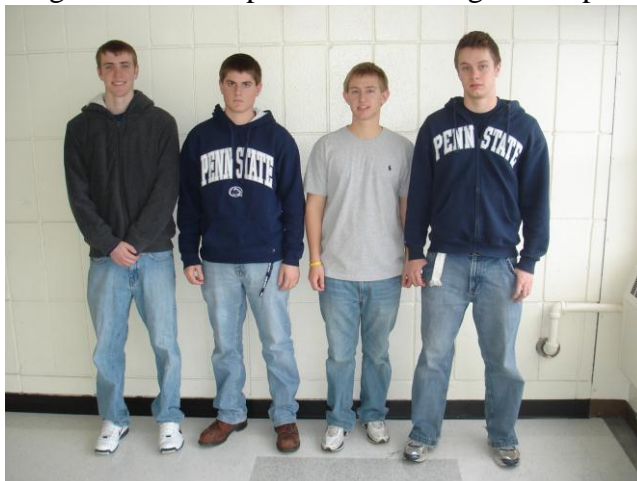
Professor Andy Lau

Team Matt McGloin for Heisman

4/29/11



The Hydrogen City project challenged our group to design a renewable system for producing Hydrogen and Hydrogen Compressed Natural Gas for the transportation needs of a city. Our team's design concept used Run of the River Hydropower to generate the electricity for the electrolysis process to produce Hydrogen. We utilized the city's sewer system to sustainably produce CNG through a Biogas refinement process. Our design concept meets the transportation fuel needs for the city.



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[Project Report](#)

[CAD Model](#)