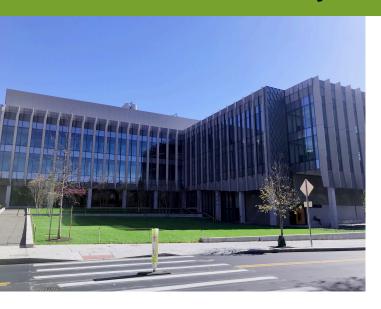


## Rhode Island Commercial Energy Code Trainings



## **Brown University School of Engineering Building**



WHAT Tour of Brown University New School of

**Engineering Building** 

WHEN Thursday, December 14, 2017

WHERE 345 Brook Street

Providence, RI 02903

**TIMES** 5:30-6:30pm

**COST** Free

**SITE INFO** Street parking only.

## **DESCRIPTION**

Brown University is scheduled to open it's new state-of-the-art School of Engineering Building in January of 2018. This five-story 80,000 square foot facility, was designed to achieve a USGBC LEED v3.0 Silver certification minimum with a predicted Energy Use Intensity (EUI) of 178.94 kBTU/sf/yr. The 2012 IECC Standard Reference Baseline shows the EUI measuring approximately 217.28 kBTU/sf/yr. This anticipated energy usage, illustrates a 17.6% energy savings over the minimum energy code for new buildings.

Some of the energy efficiency measures that were incorporated into this building design to help achieve this predicted EUI include: high performance building enclosure with improved thermal envelope and high efficiency glazing, automatic lighting controls, reduced interior lighting power densities, airside heat recovery and economizer, VAV and chilled beams for lab & office spaces, and high efficiency condensing boilers for summer usage. The building connects to the existing high temperature hot water central boiler plant and an existing chiller plant steam plant.

To register, please visit

https://uri-chem-tour2.eventbrite.com





