



**Providence ACE Mentor Program  
First Year Calendar 2010-2011**

**URI Feinstein Campus  
Downtown Providence**

**Fall Session: October 13 to December 15, Wednesdays, 4:00-6:00 PM,**

1. Oct .13      **Introductions**  
                  What is the “ACE Mentor Program:”\_  
                  **Project #1: Gum-Drop Tower**
  
2. Oct. 20      **“Architecture”**  
                  **Project #2: Space Planning**
  
3. Oct. 27      **Field Trip to Construction Site**
  
4. Nov. 3        **“Civil Engineering”**  
                  **Project #3: Urban Design**
  
5. Nov. 10      **“Structural, Mechanical and Electrical Engineering”**  
                  **Project #4: Paper Structures**
  
6. Nov. 17      **The College Application Process**  
                  **Visits to RISD Architectural Studios and Brown Engineering Labs**
  
7. Dec. 1        **“Construction Management”**  
                  **Project #5 Construction Cost Estimating**
  
8. Dec. 8        **“The Trades”**  
                  **Field Trip to “Building Futures” facilities**
  
9. Dec. 15      **Holiday Party at Providence Career and Technical Academy:**  
                  **Presentation of ACE 2<sup>nd</sup> and 3<sup>rd</sup> year student projects**  
                  **Tango Elimination and/or Tour of Shop Facilities.**

## **Winter Session: January 6 to March 17**

10. **Jan. 5**     **Introduction to New project:**  
                  *Two Family House in Providence of the Revised Calendar*  
                  **Presentation by Christine West, AIA, RI Housing Competition Winner**
  
11. **Jan. 12**   **Review of the “*Design Team*”**  
                  Architects, Landscape Architects, Interior Designers.  
                  Engineers: Civil, Structural, Mechanical, Electrical.
  
12. **Jan. 19**   **Field Trip to Construction Site**
  
13. **Jan. 26**   **Review of the “*Construction Team*”- Part 1**  
                  Trades: Carpenters, Plumbers, Electricians, etc.
  
14. **Feb. 2**     **Review of the “*Construction Team*” -Part 2**  
                  Construction Management
  
15. **Feb. 7**     **Visit to Professional Offices: Architecture, Engineering, Construction**
  
- Feb. 16**   **NO CLASS – WINTER VACATION**
  
16. **Feb. 23**   **Project Work**
  
17. **Mar. 2**     **Public Speaking**
  
18. **Mar. 9**     **FINAL PRESENTATIONS OF ALL STUDENT PROJECTS**  
                  **Providence Career and Technical Academy**