

Atom-Based System Integration for Senior Design Project Courses

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EECE401: Senior Design I (Fall 2012)
EECE403: Senior Design II (Spring 2013)
TA: Ravi Jaglal (Graduate Student)
2 Cornell Cup Finalists (2012 and 2013)

Senior Design I (Fall 2012)

Cornell Cup 2012

- **Green Light (Finalist)**



- **Blind Assist (Wild Card Winner)**



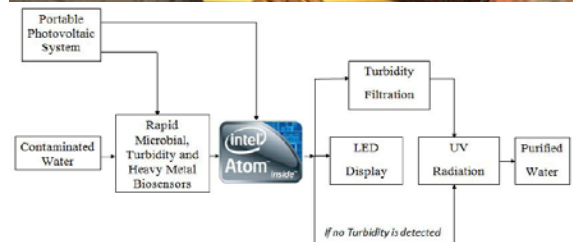
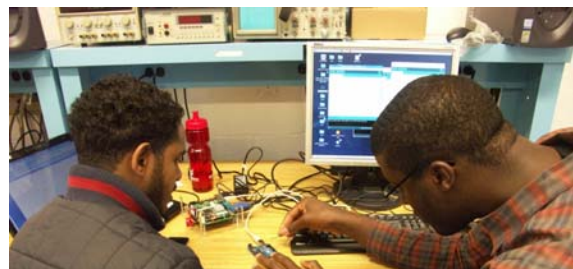
Project List (Fall 2012 – Spring 2013)

- **Project 1: Water Purification System**
(Cornell Cup 2013 Finalist – “Team Howard Technology”)
 - Team Members: Eric Turner, Ade Akinsiku, and Henok Mazengia
- **Project 2: Auto Reconfiguration of Distribution Network**
 - Team Members: Damel Goddard, Lamine Bassene, Luan Watson, IB Olusanya, and Chibuzo Ononiwu
- **Project 3: Smart Backpack (Cornell Cup 2013 Finalist – “Team Sigma”)**
 - Team Members: Paul Alade, Ellwood Lane, Jennifer Okafor, Samuel Omosuyi, and Kalonji Bankole
- **Project 4: Grid-Eye Thermal Detection**
 - Team Members: Shaddy Abdelaal, Pierre Charles, and Daley Gunter
- **Project 5: Robo Drop Table**
 - Team Members: Joseph Ignatius, Mecacla Holmes, and Tiffany Hall

Senior Design II (SPRING 2013)

Cornell Cup 2013 Finalists

1. Howard Technology – “Portable Water Purification System”



2. Team Sigma – “Smart Backpack”

