

AEM Intern Program for High School Students: Building Professional Skills and Enhancing Personal Values

Energy Management:

- Industry literacy:
 - Energy sources
 - Cost
 - Environmental impact
 - Metering
- Utility bill analysis and data entry
- IDR analysis and EnergyCenter functionality
- Generating sharable savings reports
- ENERGY STAR Portfolio Manager tool and rating system
- Behavior change rationale and methods (i.e. social science, community-based social marketing, etc.)

Professional Skills:

- Project management
- Presentations and public speaking
- Teamwork
- Meeting facilitation
- Effective communication
- Excel, PowerPoint, Email proficiency
- Conflict Resolution

Academic Infusion:

- Applied STEM in project-based learning
- Academic credit
- College application and resumé booster



Lifelong Empowerment Changing the Way We Use Energy



- Self Efficacy:

"I can accomplish what I set out to do."

-Confidence:

"My voice, insight, and perspective are valid and deserving of respect."

-Leadership:

"I know how to help my team succeed."

-Environmental Consciousness:

"Mine will be the generation that solves climate change, and I am going to lead the way."

I. Energy Management

AEM Interns boost energy savings by using the cutting edge EnergyCenter™ software tool to:

- establish building baselines
- identify savings opportunities and best practices
- set measurable goals
- provide positive feedback on weekly progress.

Interns learn to compare daily, weekly, and monthly interval data to a baseline and generate graphically intuitive reports that can incite enthusiasm for energy conservation among building occupants. Using proven social science-based approaches including positive feedback, social norms, incentives and competition, AEM Interns work to foster cultures of energy efficiency.

II. Professional Skills

AEM Interns build a foundation of professional skills that help them succeed in competitive, rapidly-evolving careers. As they work individually and in teams to analyze data, develop customized Advanced Energy Management plans and collaborate with facility managers, AEM Interns become excellent communicators, big-picture organizers, strategic problem solvers. These qualities make them valuable assets to fast-growing organizations in a variety of fields.

III. Academic Infusion

The AEM Internship Program allows high school students to put their learning into practice in the real world. Students can see connections between theory and practice firsthand while applying Science, Technology, Engineering, and Math (STEM) skills in hands-on projects that drive measurable results. **This is a paid intern position**, and students may also receive academic credit for their résumé-boosting participation in the AEM Internship Program.

IV. Lifelong Empowerment

AEM Interns are empowered to drive energy conservation campaigns that lower costs, reduce greenhouse gas emissions and promote cultures of sustainability. As they generate and deliver weekly savings reports, as they develop a sense of the power of their own voice and story, as they see savings snowball, and as they experience the feeling of having adults admire and applaud their work, AEM Interns develop self-efficacy, confidence, and leadership. They are leaders in service of a sustainable world, one that they will be proud to inherit and pass on to the generation that comes after them. They inspire building occupants to take daily steps to ensure that their facilities become models of sustainability and efficiency.