



Facilities Management: The Backbone of all University Infrastructure

James McCauley

College Park Scholars - Science and Global Change

Major: Aerospace Engineering

jmccauley@terpmail.umd.edu

CPSP359G

May 1, 2026




Introduction


As an Aramark Facilities Management intern, I worked with the Manhattan University Physical Plant to operate, service, and optimize the physical infrastructure of the entire campus



Site Information

 Manhattan University
Physical Plant

 5935 Broadway
Bronx, NY 10463

 Dominick Maltese
Alex Picard

Issue Confronting Site

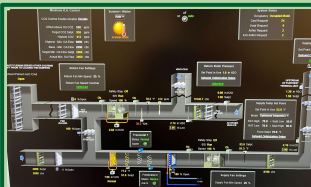
Facing staff shortages and budget cuts, the school's facilities were poorly organized and inefficient, leading to safety concerns and upset students/faculty



One of three boiler rooms on campus



Thank you to Dominick Maltese, Alex Picard, and Anthony Annunziata for this opportunity!



Web program with live HVAC control

Activities

- Developed a brand new preventative maintenance program for over 400 equipment items
- Led service response management for HVAC, carpentry, plumbing, electrician, and grounds work
- Used WebTMA and WebCTRL programs to track and manage facilities operations

Impact

I provided much needed structure to the team's procedures while developing my skills in mechanical repairs, project management, and communication

Future Work

The team is now better prepared to prioritize and delegate tasks, allowing for safe and effective services during any and all circumstances



MU's new preventative maintenance program

