

MODULAR CLASSROOMS

Modular Buildings Save You Time and Money.

When time is of the essence, the quick construction time of modular buildings make them ideal for temporary or permanent educational applications. Modular buildings occupy 50% sooner and save up to 40% of cost vs. traditional "stick-built" construction.

Project Capsule: Regis University - Denver, CO



Regis University's 6,888 sq ft modular building consists of 2 - 1,080 sq ft classrooms, restrooms, professor offices and a resource center. There is a 5' wide corridor that begins between the classrooms and continues around to all offices. Ceiling heights are 9' throughout the building. Exterior siding colors match existing buildings on the campus. The two exterior doors are glass store front doors. Both vestibule doors are solid core wood doors with 24"x24" glass.

Both sets of doors have ADA push pads and automatic openers. All interior doors are solid core wood doors with steel jambs and sidelights. Each classroom has 8 floor outlet receptacles installed for students to plug in laptops. The 12"x48" windows along the backside of the modular school building were designed to

allow natural light in and keep vandals from accessing the building. Five rooftop HVAC's were installed to provide variable heating/cooling zones for the different uses in the building.



Energy Recovery Ventilators were installed in the classrooms for added airflow when the classrooms are maxed out with students. Three variable air volumes were also added to each of the 3 office HVAC's allowing additional air flow to individual offices as required. The exterior walls have R19 insulation for added efficiency. All interior walls were designed with R11 poly-encapsulated acoustical insulation for sound insulation. All corridors

have a 1-hour fire rating throughout the modular. There are vestibules at each entrance for added efficiency to the HVAC system.





BW-2011

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