

# Qatar Foundation Education City, Northwestern College of Media and Communications

Doha, Qatar

**Client / Architect**

Antoine Predock Architect PC

**Executive Architect**

Burns & McDonnell

**Completion Date**

2008

**Construction Cost**

\$80 million - \$100 million

**Total Area**

270,000 sf



Thornton Tomasetti is the structural engineer for the 25,000-square-meter (270,000-square-foot) Northwestern College of Media and Communications, located in the southeast quadrant of Education City. With a non-repetitive column grid, non-constant floor-to-floor heights and a variety of framing strategies for different combinations of spans and loads, the structure will require a wide range of materials and framing strategies, including concrete flat slabs, post-tensioned beams and slabs, sloping concrete columns, composite steel beams and possibly a glass roof with an exposed steel frame.

Qatar's extreme temperature range and high water table will provide a challenge; however, the most demanding aspect for the structure will be the multi-story cantilevered "beak" at the building's entrance.