



# FRANK & ANNE OROPEZA HALL



**Location** Fort Wayne, Indiana

**Partners** Design Collaborative  
Architecture / Design Firm

**Type** Permanent Dormitory Facility

**Size** Total Structure: 21,000 sft. appx.

**Client** Indiana Institute of Technology serves over 4,000 students from around the world. The school, located in downtown Fort Wayne, IN, is known for programs in mathematics, engineering and science, but offers a well-regarded liberal arts program as well. In the past decade, the school has undergone rapid growth.

**Their Need** Continued, rapid growth in enrollment created a need for additional housing at the school. Frank & Anne Oropeza Hall was designed as a sister facility to Evans-Kimmell Hall.

**Our Solution** As with previous Indiana Tech dormitory projects built by Whitley Manufacturing, time was of the essence, with the balance of construction to occur over the less crowded summer semester.

In just under 90 days, Whitley Manufacturing constructed the 21,000 SFT four story dormitory. A variety of unique techniques were utilized to enhance the speed of the process and control costs to the client. These included the use of floorless, 3D building modules set upon a site poured slab and floorless modules used to construction the stairwells.

The building houses 68 students in semi-private suites.



Planning Phase. Architectural Design by Design Collaborative & Engineering work by Whitley Mfg.

STEP ONE

Site development and foundations begin at the project site. Concurrently, construction of the modules is begun off-site at Whitley Manufacturing's construction facilities.

STEP TWO

Building sections are transported to site and set. University disruption is minimal as work takes place over the summer.

STEP THREE

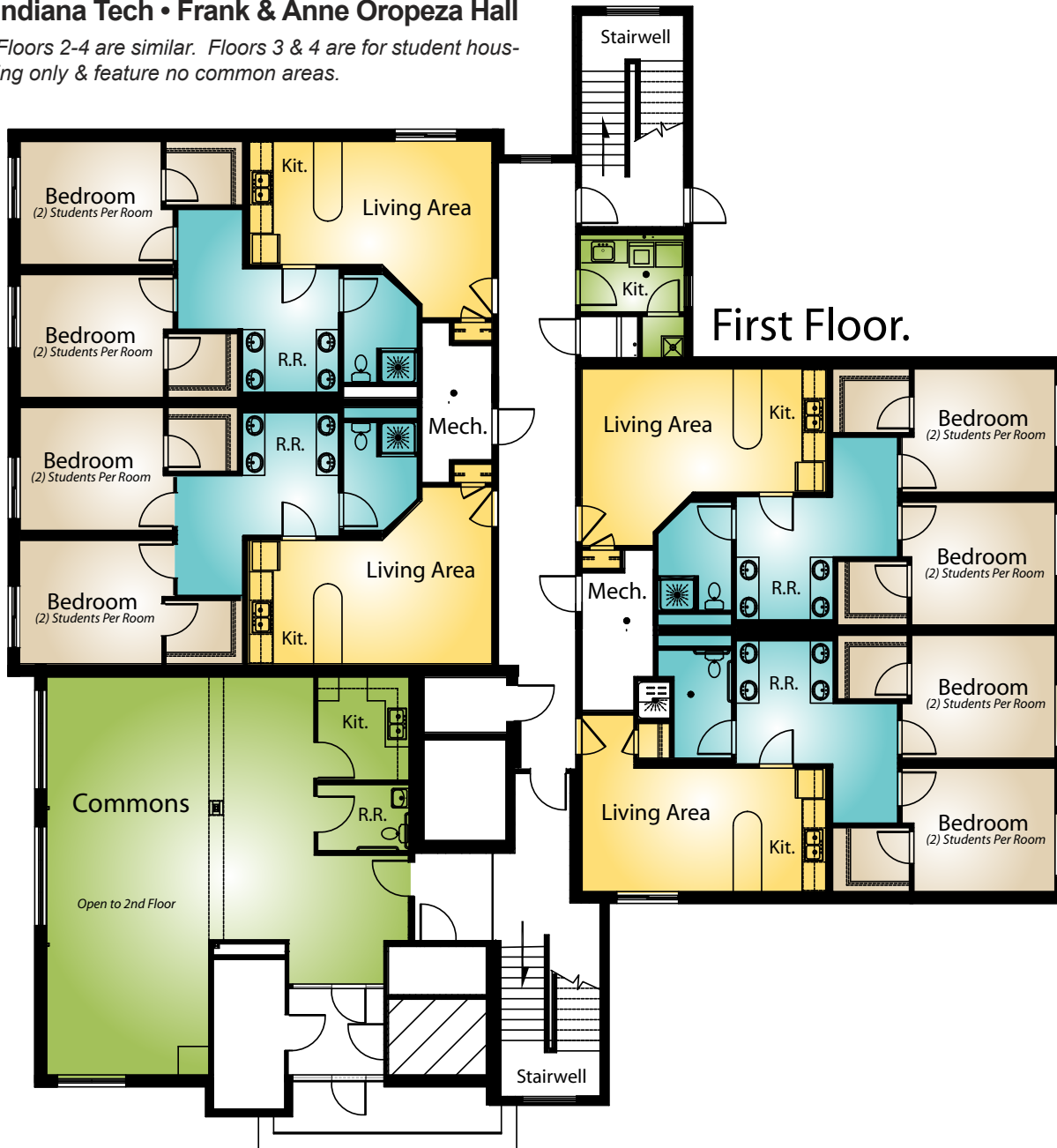
Building is finished. The school has a completed dormitory building prepared for Fall Semester.

STEP FOUR

STEP FIVE

## Indiana Tech • Frank & Anne Oropeza Hall

Floors 2-4 are similar. Floors 3 & 4 are for student housing only & feature no common areas.



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### FEATURES

The dormitory features a semi-private design that offers the social interaction of dormitory life with the conveniences of apartment living.

The four-story building features a two-story commons area for student relaxation and socialization.

The building's design brings modernity to the campus while still referencing the other structures through the use of common materials.

The structure was set in a matter of days, allowing the site to quickly become weathertight and secure.

By constructing the majority of the structure off-site, the campus was spared the disruption and danger of a large scale construction project.

By utilizing modern building techniques and completing site-work and building construction concurrently, Whitley Mfg. can cut typical construction timelines by 30-50% depending on the project - delivering a rapid return on construction investment.