

## **1. Academic Core Renovation (Design Phase)**

### **1A. Academic Core Renovation - Arts & Sciences:**

Arts & Sciences was built in 1974 and is mainly dedicated to classroom space. The building is a heavily utilized classroom building and houses 52 faculty its two floors. Only a few minor upgrades occurred over the years, including lighting upgrades, partial window replacement and partial ceiling tile replacement and a 2014 second floor HVAC upgrade.

#### **Needs**

- Building Envelope Upgrades: Roof is in very poor condition with several leaks causing moisture in building and resulting in additional problems with humidity in the building. Single-pane windows need to be replaced because of insufficient R values.
- HVAC system upgrade for first floor scheduled for completion in Summer 2015.
- Bring building up to current ADA code standards. (Classrooms).
- Reconfigure space to be more efficient and to meet BOR guidelines.
- Plumbing valves, pipes and fittings are in poor condition.
- Electrical system is in poor condition.
- Fire Alarm system upgrade.
- Improve classroom acoustics.
- Theater seating and flooring upgrade.
- Addition of a lobby area adjacent to the Theater.
- Addition of an exterior canopy and walk path to connect workshop and the Theater's stage.
- Carpet/flooring replacement for the offices.

### **1B. Academic Core Renovation – Lecture Hall Upgrade:**

Lecture Hall had roof replaced in 2000 and cosmetic upgrade in 2003. The building is the only academic facility on campus that is 100% dedicated to auditorium style classrooms. It has been utilized very heavy.

#### **Needs**

- Replace Air handlers.
- Upgrade electrical and controls.
- Upgrade IT/AV.
- Reconfigure two classrooms into three classrooms.
- Enclose exterior canopy for study area.
- Ceiling and finishes upgrades.

### **1C. Centralized System for Harry S. Downs Center for Continuing Education, Spivey Hall and Music Education Building:**

Individual air cooled chillers for buildings are highly inefficient. Construction of a new centralized utility infrastructure loop in the West side of campus will assist with energy-efficiency measures for the three existing buildings in that area of campus and allow upgrade possibility for the future expansion. Campus is planning to replace electrical system, adjust

mechanical system to support chilled/hot water loop infrastructure. Buildings' combined square footage is 109,329 sq. ft. (Continuing Education & College of Nursing; 47,877 sq. ft.; Music Education Bldg. 28,620 sq. ft.; and Spivey Hall 32,865 sq. ft.)

### Needs

- Need a Central hot/chilled loop to accommodate the above mentioned buildings' heating and cooling needs with more efficient energy approach.
- Replace electrical system.
- Adjust mechanical system in existing buildings to comply with new infrastructure.
- Replace electrical heating to a gas-fired boiler system (connect to a future central utility loop at Spivey Hall).
- Spivey Hall loading dock lift.

### **1D. Academic Core Renovation - Roof replacement for Natural & Behavioral Sciences Building:**

The University needs to improve the building envelope, insulation, and moisture protection to improve energy savings measures and prevent future moisture or air quality issues. All these measures directly affect energy savings. Roof replacement for Natural & Behavioral Sciences is at the top of the list and is in very poor condition with several leaks causing moisture in building and adding to additional problems with humidity in the building.

### **1E. Academic Core Renovation - Roof replacement and addition of classrooms for Athletics and Health Building:**

Roof replacement for Athletics and Health building is one of the priorities. In addition to the roof replacement for the Athletics & Health building, two - three academic classrooms will be added within existing building square footage.