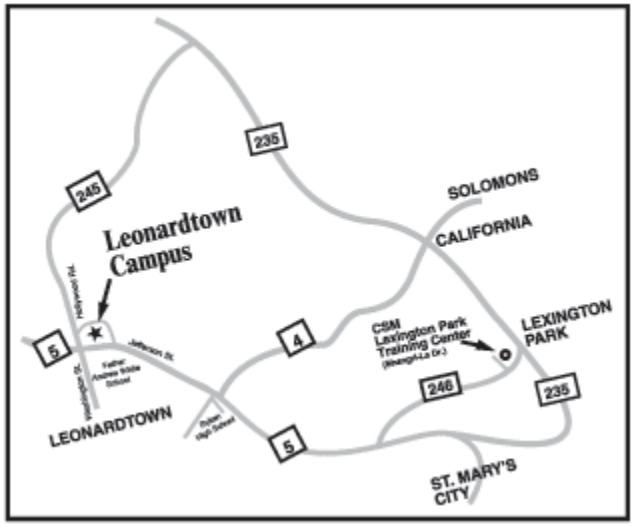
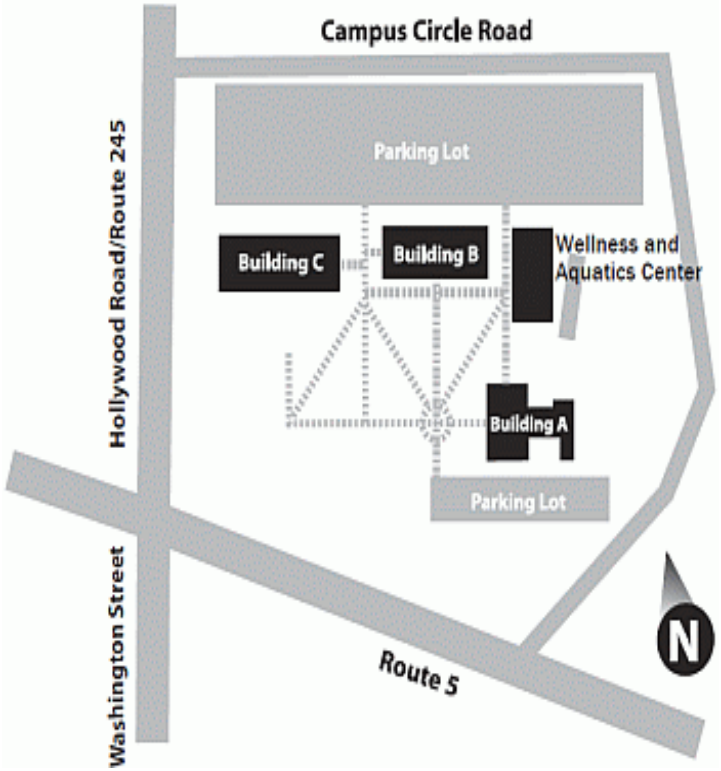
Leonardtown Campus

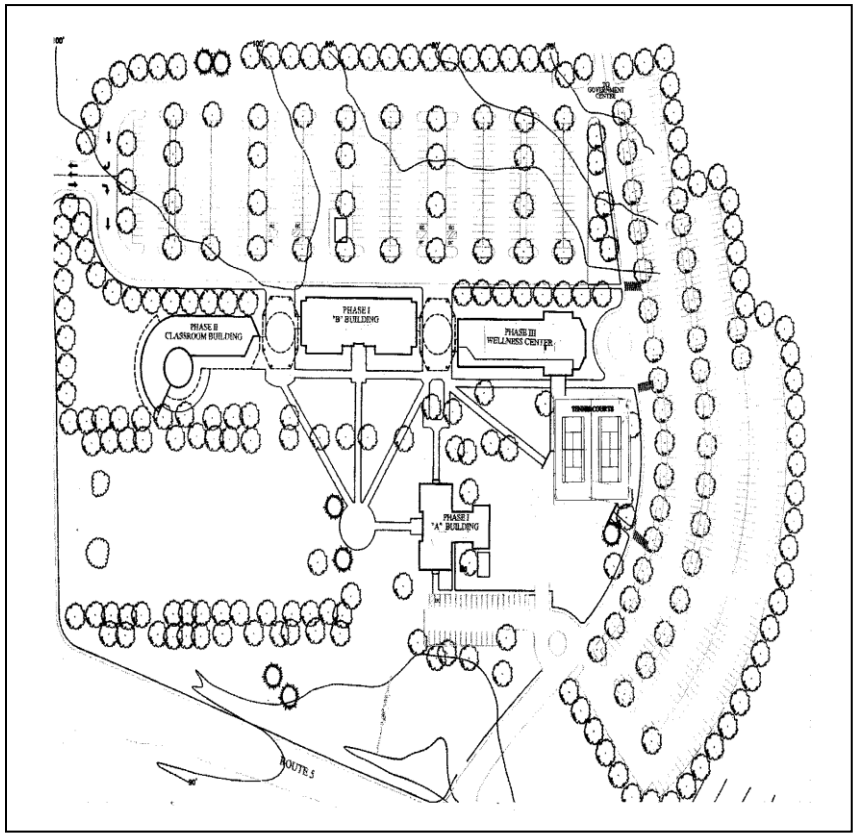
Leonardtown Campus

22950 Hollywood Road
California, MD



Leonardtown Campus Map





Campus Overview

Instruction in St. Mary's County from Charles County Community College began in 1978. Classes were originally held in Great Mills High School, moving later to a separate location on Great Mills Road. As the campus grew, a new location was sought. The campus was finally located at 22950 Hollywood Road in Leonardtown, the 62 acre site of the former St. Mary's Academy. Building A had been an instructional and office facility for St. Mary's Academy. This building was renovated in 1997 for the College of Southern Maryland. Building B, primarily for science programs, was constructed in 1997. Building C, a general purpose classroom and office building, was constructed in 2002, and was finally opened to the public in 2003. Building D, also known as the Wellness and Aquatic Center, was opened in September 2010, after an extensive planning and construction process. The Wellness and Aquatic Center serves an important community service role, as it provides a venue for fitness and health instruction, aquatics education and recreational swimming in central St. Mary's County.

Parking has been a continuing challenge for the Leonardtown Campus. In 2010, the first 60 of a planned 120-space parking lot was opened. Given the small acreage for the campus, it is unlikely that more parking may be constructed on the campus, with the exception of a small parcel to the north of the new parking lot, over what was once a basketball court and tennis court for St. Mary's Academy. The 60 new spaces raise the total number of parking spaces on the Leonardtown Campus to 478 spaces.

Future growth at the Leonardtown Campus will require an additional instructional building, to be constructed along Route 245 set at a 90 degree angle to Building C. This will permit the Leonardtown Campus to relocate more general education courses in Language and Literature and Social Sciences out of Building B, offer a larger array of such courses in the new building, and enable the campus to offer new courses in engineering, various technologies and health science in Building B.

Enrollment at Leonardtown has increased from 818 FTE and 2,713 in headcount in fiscal year 2005, to 1,101 FTE and 3,156 headcount in fiscal year 2010.

Administration Building (A)

HEGIS:

Classroom:	928
Laboratory:	5,024
Office:	3,534
Study:	0
Special Use:	0
General Use:	2,065
Support:	0
Alt/Conv.	2,831

SQUARE FOOTAGE:
Net: 14,382 Gross: 25,111

FLOORS: 3

CONSTRUCTED: 1997

Functions: This building was originally the academic building of the St. Mary's Academy (a Catholic school for girls). The campus was totally renovated, after purchase in 1996, for use as the Leonardtown Campus of the College of Southern Maryland. The building houses the testing center, a multi-purpose area, faculty development center/adjunct faculty office, and the administrative offices.

Construction: The exterior walls are brick over clay tile and are non-bearing. Vertical structure is by steel columns on foundation footers. Horizontal systems are slab and truss joist systems. The windows are metal framed, double-glazed, in a fixed and double hung configuration. There is one hydraulic elevator serving the building.

Administration Building (A)

Mechanical: The building receives hot water from its central heating plant located in the mechanical room on the lower level. Chilled water is received from a Trane packaged chilled water generator located outside the building. Classrooms and offices are heated and cooled by floor mounted fan coil units.

Deficiencies: The roof will require replacement within five years. A summer boiler or heat recovery device is recommended to reduce energy consumption to provide the necessary dehumidification and reheat capacity.

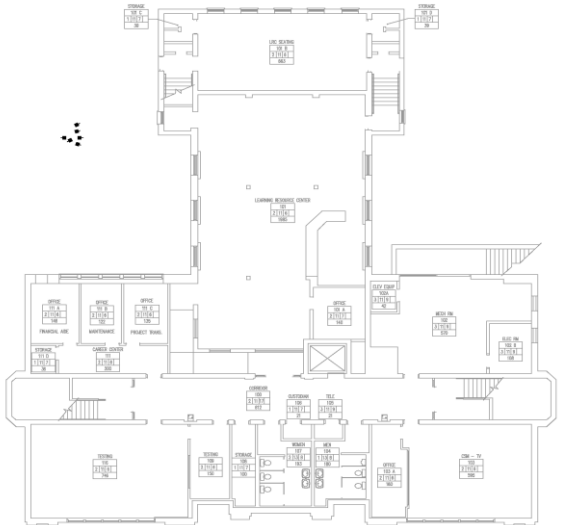
ADA Compliant: The building is compliant with current standards.

Improvements: No major improvements have occurred since the original construction.

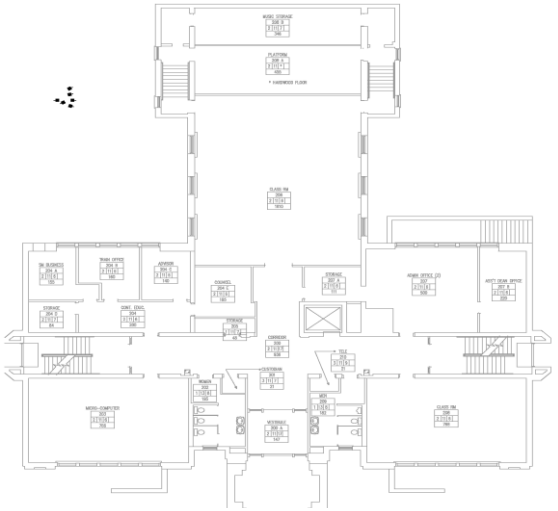
10-Year CIP: There are no further changes anticipated within the 10-year planning cycle.

* See Appendix D for the independent detailed evaluation of the building and associated systems. The report includes specific recommendations for corrective actions.

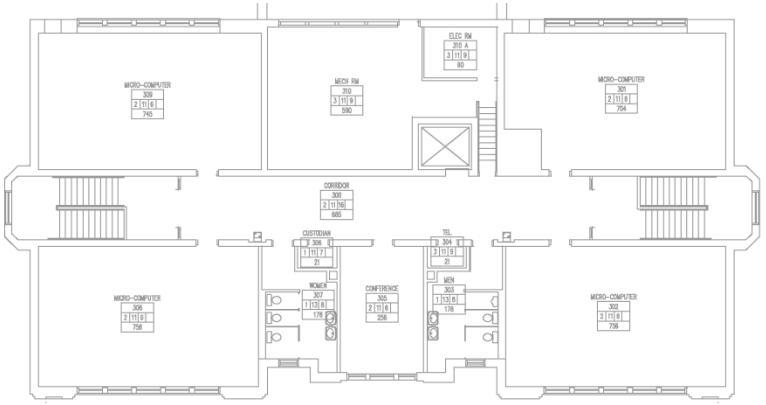
Administration Building (A)



1st Level



2nd Level



3rd Level

Science Building (B)

HEGIS:

Classroom:	7,347
Laboratory:	8,985
Office:	2,036
Study:	0
Special Use:	3,132
General Use:	2,789
Support:	306

SQUARE FOOTAGE:
Net: 24,595 Gross: 39,993

FLOORS: 2

CONSTRUCTED: 1997

Functions: The building houses classrooms, laboratories, dining facilities, a bookstore, and faculty offices.

Construction: The exterior is brick. Vertical structure is by steel columns on foundation footers. Horizontal systems are slab and truss joist systems. The windows are metal framed, double-glazed, in a fixed and double hung configuration. There is one hydraulic elevator serving the building.

Mechanical: The building receives hot water from its central heating plant located in the mechanical room on the lower level. Chilled water is received from a Trane packaged chilled water generator located outside the building. Classrooms and offices are heated and cooled by floor mounted fan coil units.

Deficiencies: A summer boiler or heat recovery device is recommended to reduce energy consumption to provide the necessary dehumidification and reheat capacity.

Science Building (B)

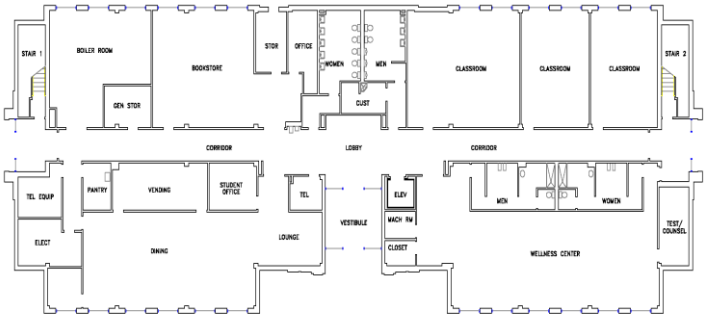
ADA Compliant: The building is compliant with current standards.

Improvements: No major improvements have occurred since the original construction.

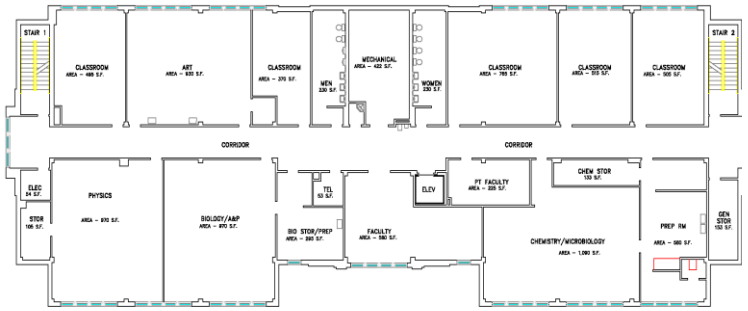
10-Year CIP: There are no further changes anticipated within the 10-year planning cycle.

* See Appendix D for the independent detailed evaluation of the building and associated systems. The report includes specific recommendations for corrective actions.

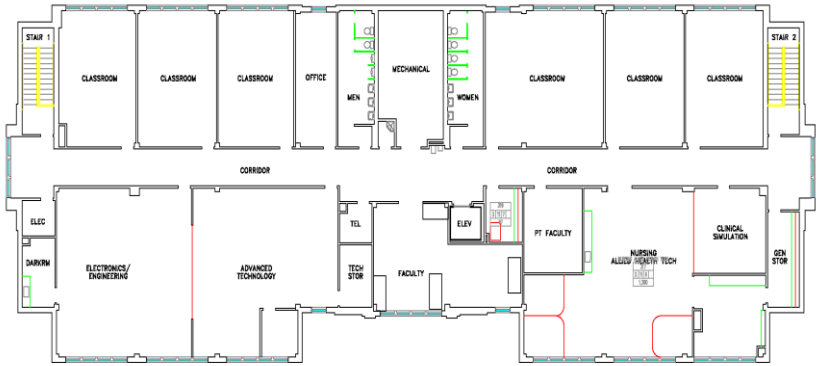
Science Building (B)



1st Level



2nd Level



3rd Level

Academic Building (C)

HEGIS:

Classroom	11,823
Laboratory:	3,874
Office:	5,796
Study:	2,600
Special Use:	0
General Use:	1,388
Support:	0

SQUARE FOOTAGE:
Net: 25,481 Gross: 39,993

FLOORS: 3

CONSTRUCTED: 2003

Functions: The building houses classrooms, the library, lounges, laboratories, and offices.

Construction: The building structure consists of concrete footings, steel columns and beams, concrete floor slabs and steel roof trusses. The building envelope is comprised of brick faced exterior walls

Mechanical: The building cooling is achieved by water source heat pumps. The loop is kept cool by a cooling tower. The loop is heated by a Smith boiler.

Deficiencies: Normal maintenance only.

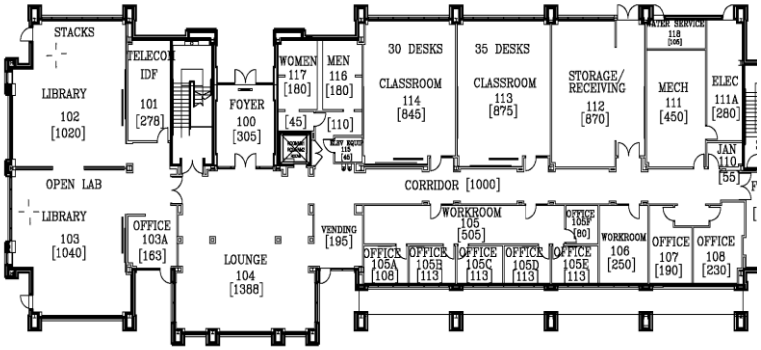
Academic Building (C)

ADA Compliant: The building is compliant with current standards.

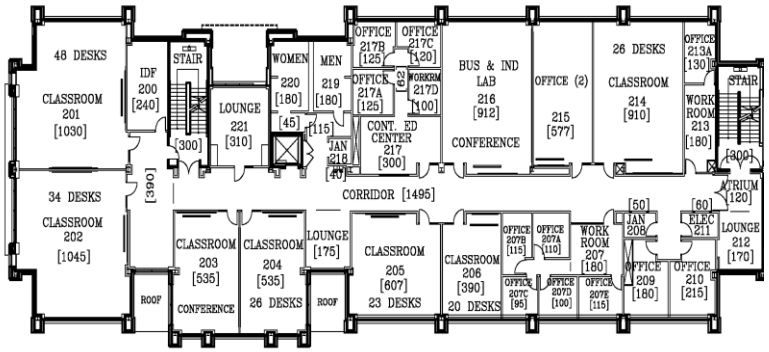
Improvements: No major improvements have occurred since the original construction.

10-Year CIP: There are no further changes anticipated within the 10-year planning cycle.

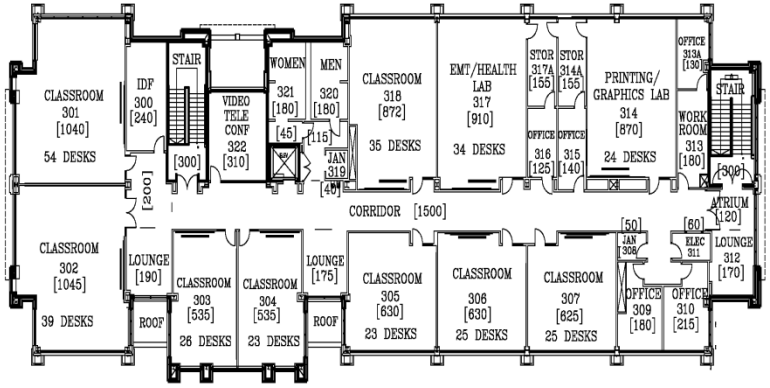
Academic Building C



1st Level



2nd Level



3rd Level

Wellness & Aquatics Center

HEGIS:

Classroom	0
Laboratory:	0
Office:	1,378
Study:	0
Special Use:	14,931
General Use:	2,780
Support:	260

SQUARE FOOTAGE:
Net: 19,349 Gross: 32,499

FLOORS: 1

CONSTRUCTED: 2010

Functions: The center houses a fitness center, two wellness rooms, a therapy pool, a competition pool with an associated viewing area, and offices.

Construction: The building is a two story brick structure with steel framing.

Mechanical: The building has several different systems. The pool area temperature is controlled by Pool-Paks. The other areas have Aaon units for air conditioning. The heating is accomplished by two four section Hydrotherm boilers.

Deficiencies: NA

ADA Compliant: The building is compliant with current standards.

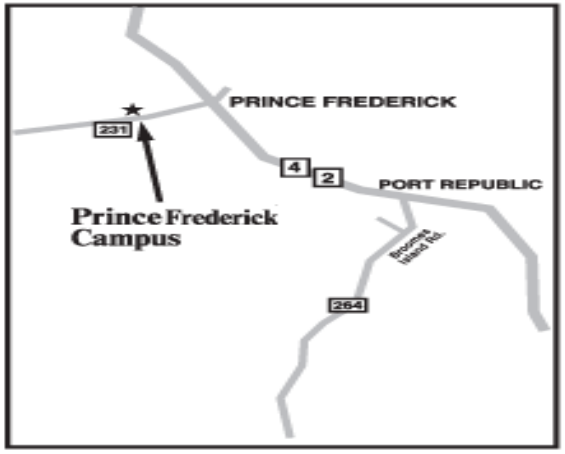
10-Year CIP: There are no further changes anticipated within the 10-year planning cycle.

Wellness Center

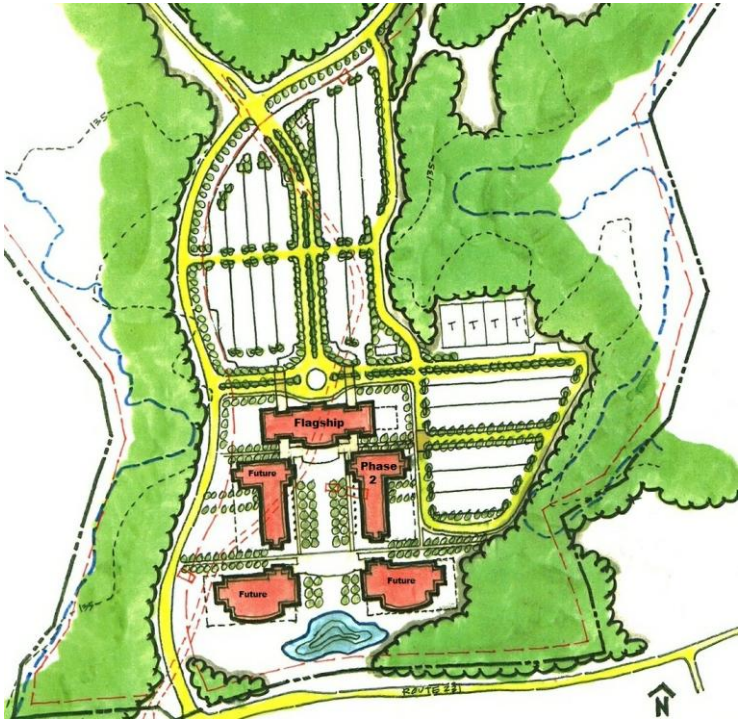
Prince Frederick Campus

Prince Frederick Campus

115 J.W. Williams Road
Prince Frederick, MD 20678



Prince Frederick Campus Map



Campus Overview

The Prince Frederick Campus primarily serves the residents of Calvert County. To better serve the community a 76 acre site was purchased and the first building was designed and constructed. The campus has grown significantly since the new flagship building opened in 2005. Increasing from slightly under 600 FTE to just over 900 FTE—an increase of over 50 percent. This increase has created problems, most particularly with adequate parking spaces available during prime class time hours. The situation was mostly corrected by adding two additional temporary gravel covered lots which added nearly 200 more spaces. The growth has also created times when every classroom is booked and the campus cannot provide space for additional sections that are needed to provide a full-range of classes for students.

In addition to the continued growth in credit students the campus has experienced an increase demand for facilities usage by outside groups. With only one existing large room (approximately 1100 square feet) it is often difficult to accommodate all the requests for facilities. This demand has been exacerbated by an increasing demand for college usage for concerts, meetings, and small theatrical performances.

However, the campus is currently in the planning stages for a new building of approximately 29,000 square feet. This building will provide five additional computer labs, two classrooms, a health/fitness laboratory, and two program specific labs in addition to new offices. The showcase of the new building will be a multi-purpose/lecture hall of nearly 2,700 square feet which will be able to sit over 300 in auditorium style seating. This new space will allow for increased usage both within the college and campus and provide more flexibility in allowing outside groups to use campus facilities. The new building will house the college's new Nuclear Energy Training Center which, in partnership with Calvert Cliffs Nuclear Power Plant, will provide a new degree in Nuclear Engineering Technology to train workers for existing and planned new nuclear power plants.

The future of the campus seems to indicate that a third building will be needed even after the second building is completed. This new facility could provide space for an enlarged student center, larger bookstore, a small auditorium, new science labs and enlarged nursing labs. Potential new programs are currently being evaluated by the college but some potential programs could include computer graphics, video technology, computer aided drafting, and an expanded visual arts program.

Flagship Building (FB)

HEGIS:

Classroom:	10,027
Laboratory:	13,163
Office:	5,665
Study:	3,048
Special Use:	1,210
General Use:	3,279
Support:	818

SQUARE FOOTAGE:
Net: 37,210 Gross: 57,438

FLOORS: 2

CONSTRUCTED: 2005

Functions: The Flagship Building is the main structure at the Prince Frederick Campus. Therefore, it houses classrooms, laboratories, a library, dining facilities, a bookstore, and faculty offices. The campus Master Plan proposes a total of five buildings on this site. Phase II is anticipated in early 2012.

Construction: The building is a two story brick structure with steel framing.

Mechanical: The building is heated by means of a hot water circulating system.

Deficiencies: The breezeways need to be enclosed as they are currently open to the elements and as such are a risk during the winter for slipping/falling on the ice that accumulates.

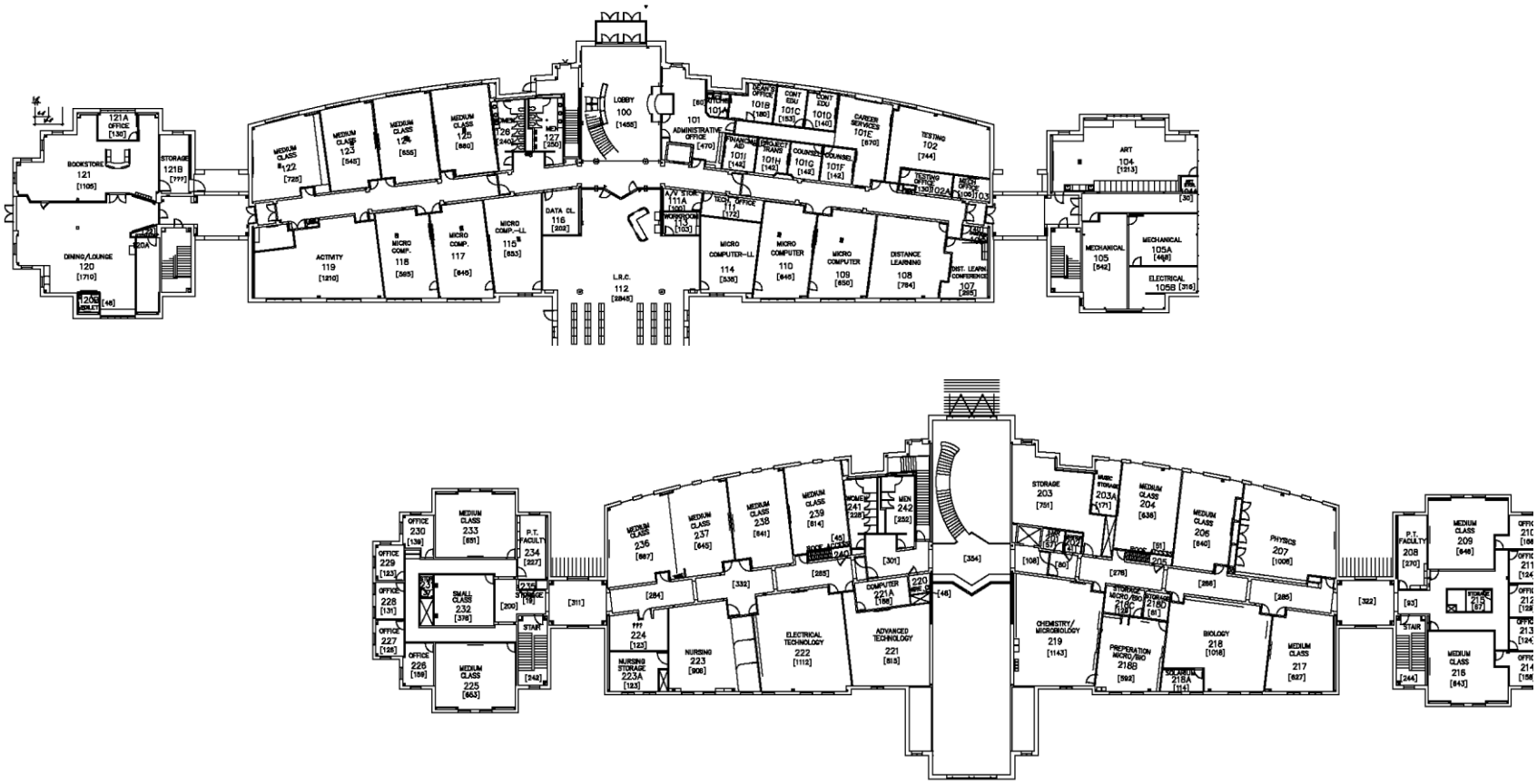
Flagship Building (FB)

ADA Compliant: The building is compliant with current standards.

Improvements: The breezeways need to be redesigned to prevent the intrusion of ice during the winter months. Using special anti-slip coating has not corrected the problem. Consideration is to be given to enclosing the passageways.

10-Year CIP: There are no further changes anticipated within the 10-year planning cycle.

Flagship Building (FB)



Phase II Building *(In design)*

HEGIS:

Classroom:	1,250
Laboratory:	8,007
Office:	2,605
Study:	0
Special Use:	0
General Use:	4,861
Support:	545

SQUARE FOOTAGE:
Net: 17,268 Gross: 29,587

FLOORS: 2

CONSTRUCTED: 2012

Functions: The Phase II building will be the second structure at the Prince Frederick Campus. It will house classrooms, computer laboratories, faculty and staff offices, a large multi-purpose meeting space and laboratory and classroom space for the Nuclear Engineering Training program.

Construction: The building will be designed with a Silver Rating on the US Green Building Council Leadership in Energy and Environmental Design (LEED) Green Building Rating System. The new building is a two story brick building with a metal roof similar to the Flagship Building.

Mechanical: There are four systems currently being analyzed in accordance with the DGS Life Cycle Cost Analysis. The mechanical systems include two separate systems for the pools and the remaining spaces. For the Natatorium space (pools): Single Fan Dehumidification Energy Saver (SFDES) system, which includes heat recovery and pool water heating. The remaining portions of the building including the wellness studios, offices and corridors use a Split System HVAC units with hydronic heating. The whole building is served by oil fired boilers.

Phase II Building *(In design)*