

State University of New York  
College of Technology at Alfred

2018 Campus Statement

Alfred State is one of SUNY's seven Colleges of Technology and the only one in Western New York. It provides technical education and training across the disciplines. The Alfred State Campus consists of 260 acres with academic and residential buildings and is in close proximity to our 800-acre working college farm. Alfred State's second campus, which houses the School of Applied Technology, in nearby Wellsville, New York, (a 20-minute drive) is situated on 21 acres and is comprised of academic and administrative buildings. We provide the region and the state with a trained workforce in critical areas such as engineering technology, architecture, construction management, electrical trades, manufacturing, agriculture and green technologies, nursing and other health related degrees. Project-based learning is the cornerstone of the educational experience giving our students real-world hands-on experience leading to nine consecutive years of a 99 percent employment and continuing education rate.

In 2018-19, the College will refresh the Facilities Master Plan originally developed in 2010-11. A cross-collaborative team representing all areas of the College will develop a strategy for assuring the physical underpinnings of the College mission as well as supporting the College's strategic plan. The Facility Master Plan and College Strategic Plan (updated in 2016-17) are fully integrated, collaborative documents that support the mission/vision of the College and provide a framework for the educational environment that produces workforce-ready graduates with real-world experience. Our students are offered opportunities to participate in design and construction of campus projects through internships and classroom projects that add real work experience to their academic programs.

The College continues to add new majors, SUNY Alfred has added several lab-intensive associate degrees in the health science area along with a number of online baccalaureate completion programs. This has caused us to reevaluate the placement of certain academic programs and the planned use of several buildings. The refresh will assist us in planning for much needed critical maintenance while making best use of our limited infrastructure. Major renovations are needed for several building on campus with emphasis on Ag Science, EJ Brown, Orvis Activities Center, and the future expectations for the Heating Plant, to name a few.

As a phase project, we will be completing a campus-wide utilities mapping/repair/replace project to identify the location and condition of all underground water, sewer, gas, and IT lines. From this complete mapping, we can begin to work our way around the campus, fully upgrading the infrastructure. New maps will also prevent change orders on other projects where old maps misidentify the utilities in the ground causing exploratory costs and repair cost associated with hitting unmarked lines. All recent and proposed construction/rehab projects are infused with sustainability and energy efficiency standards in mind.

The College previously benefited from two five-year capital plans, which permitted several major projects to be completed. Over the past few years, with limited capital available since the completion of those plans, Alfred has focused on smaller, impactful projects that ensure safety and enhance the academic experience of our students. The College, with its roots in agriculture, is home to an 800-acre operating farm which houses the Center for Organic and Sustainable Agriculture which opened in 2012. With the expanded agricultural facilities, the College has created a unique educational niche within SUNY and the nation. We have previously completed the comprehensive renovation of the old wean calf barn. The renovation included energy efficient lighting, new concrete floors, new gates and headlocks, and power and water to each pen. Last fall a new motorcycle and power sports degree program facility was built on college farm acreage. This project repurposed a demonstration home, partially built by our students, into academic space for the new program. The completed project includes an open bay for 10 work stations, an engine lab for work on transmissions and small engines, a show room for completed projects, two offices for faculty, and a large lecture classroom on the top floor. Additional work at the farm this summer includes paving and drainage improvements between the two main barns, updating of the farm arena for hosted events, and the renovation of a dated tie-stall dairy barn into a new facility to house small ruminants and a new beef herd. Committee of Sponsored Organizations brought us the free-stall barn with a milking robot, and renovations at the farm have been continuous with the tie-stall barn remaining as one of the few farm structures yet to be updated. The expansion of offerings at the farm are intended to support two newly proposed agricultural programs. Students will be immersed in a real life farm application, exposing them to large scale, industry-leading technology within a small farm setting focused on husbandry and animal wellness.

The Student Leadership Center was completed in August 2013 and received LEED Gold certification. The Student Leadership Center is heavily utilized by students, through their clubs and organizations, to build leadership and promote civic engagement. Funds remain to further enhance the facility including upgrades to the electrical system to include standby loads to take full advantage of the installed generator capacity and completion of the site work surrounding the building to tie the building in with the campus aesthetics. SUNY Alfred will also be expanding the program to include a full patio enhancement allowing students to expand their academic and social experiences into the courtyard. In February 2018, a plan was developed to utilize the remaining funds. A term consultant has been engaged and it is expected that work will commence later this year.

The installation of energy-efficient satellite boilers in all buildings on campus will be completed before the 2018 heating season, which will allow the heating plant to be decommissioned. Work has commenced on installing generators in the buildings that do not currently have them. Additional projects being completed include six roof replacements and replacement of the library curtain wall system. This summer labs needed in the Agricultural Science Building will be created and a Student Success Center to enhance opportunities for student learning will be initiated. A project to repair/replace the football field and the track to address potential safety risks is planned to start in 2019.

Residence hall living space upgrade projects are ongoing. This year we completed phase one of our renovation of the 1,200 bed, MacKenzie Complex. Phase 2 is underway. Also under construction are full bathroom renovations for both our R/C and Getman Residence Halls. A number of other campus critical maintenance projects are in progress including door and window replacements, hazardous concrete and asphalt repairs, fire alarm upgrades, interior energy efficient lighting upgrades, sanitary and storm water infrastructure replacements, HVAC and plumbing upgrades across campus, etc. SUNY Alfred attempts to manage an aging infrastructure while ensuring we are addressing the programmatic needs of the College.

**State University of New York  
College of Technology at Alfred**

**Facility Profile as of Fall 2017**

| <b>Facility Profile</b>                             | <b>Academic</b> | <b>Residential</b> | <b>Total</b> |
|---|-----------------|--------------------|--------------|
| Total State Owned Acreage                           |                 |                    | 1,203.45     |
| Total State Owned Buildings                         | 51              | 34                 | 85           |
| Total State Owned Gross Square Feet (GSF)           | 885,392         | 616,051            | 1,501,443    |
| Total State Owned Net Assignable Square Feet (NASF) | 637,760         | 371,312            | 1,009,072    |

| <b>Age of Facilities</b> | <b>&lt; 10 Years</b> | <b>10 – 40 Years</b> | <b>&gt; 40 Years</b> |
|--------------------------|----------------------|----------------------|----------------------|
| Gross Square Feet        | 127,593              | 840,294              | 533,556              |
| Percentage of Total GSF  | 8.5%                 | 56.0%                | 35.5%                |

| <b>Net Assignable Space Distribution by Building Major Use</b> |                 |                           |                       |                         |                    |              |
|--|-----------------|---------------------------|-----------------------|-------------------------|--------------------|--------------|
| <b>Instructional</b>   | <b>Research</b> | <b>Student Activities</b> | <b>Administration</b> | <b>Central Services</b> | <b>Residential</b> | <b>Total</b> |
| 29%  | 0%              | 10%                       | 9%                    | 16%                     | 37%                | 100%         |

# Alfred State

SUNY College of Technology

## Main Campus - Owned Facilities

### BUILDING INDEX

- 10. AGRICULTURAL ENGINEERING
- 17. HORTICULTURE ANNEX
- 19. POULTRY MANAGER RESIDENCE
- 31. HORTICULTURE BUILDING
- 33. GETMAN HALL
- 34. ROBINSON-CHAMPLIN HALL
- 35. PIONEER CENTER
- 38. BOWLING ALLEY
- 45. VICTORIAN HOUSE
- 46. PRESIDENT'S RESIDENCE
- 47. PEET HALL
- 48. BRANDON HALL
- 49. CENTRAL HEATING PLANT
- 50. FARM MGR'S. COMPLEX
- 51. SHEEP BARN
- 52. HAY STORAGE BUILDING
- 57. DAIRY BARN
- 59. HAY STORAGE BUILDING
- 63. LIBRARY
- 64. ADMINISTRATION BUILDING
- 65. CENTRAL DINING HALL
- 66. SERVICE GROUP
- 67. FARM MACHINERY REPAIR
- 69. E. J. BROWN HALL
- 70. ALLIED HEALTH BUILDING
- 71. SHULTS HALL
- 72. BURDICK HALL
- 73. ORVIS STUDENT ACTIVITIES
- 74. ENGINEERING TECHNOLOGY BLDG.
- 75. ALUMNI HOUSE
- 78. T. A. PARISH HALL
- 79. AGRICULTURAL ENGINEERING BLDG. NO. 2
- 80. SAND & SALT STORAGE
- 80A. SALT STORAGE
- 81. VEHICLE STORAGE GARAGE
- 82. SHEEP SHED
- 83. FARM TENANTS HOUSE
- 84. MCKENZIE DORM
- 85. MCKENZIE DORM
- 86. MCKENZIE DORM
- 87. MCKENZIE DORM
- 88. MCKENZIE DINING HALL
- 89. MAINGATE DORM
- 90. MAINGATE DORM
- 91. AGRICULTURAL SCIENCE BLDG.
- 92. HORTICULTURE STORAGE BLDG.
- 93. SERVICE STORAGE BLDG.
- 100. STUDENT DEVELOPMENT CENTER
- 101. FARM ARENA
- 118. SWINE PRODUCE FACILITY
- 122. BUS GARAGE
- 123. PRINTING & DUPLICATING
- 125. GENERAL STORAGE
- 140. ATHLETIC GATEWAY
- 142. PRESS BOX
- 143. VIP BOX
- 145. STUDENT LEADERSHIP CENTER
- 154. PIONEER STADIUM LOCKER ROOMS

- ACADEMIC BUILDINGS
- RESIDENTIAL BUILDINGS

FALL 2017



## Northwest and Northeast Campuses - Owned Facilities

### BUILDING INDEX

- 10. AGRICULTURAL ENGINEERING
- 17. HORTICULTURE ANNEX
- 19. POULTRY MANAGER RESIDENCE
- 31. HORTICULTURE BUILDING
- 51. SHEEP BARN
- 57. DAIRY BARN
- 59. HAY STORAGE BUILDING
- 67. FARM MACHINERY REPAIR
- 79. AGRICULTURAL ENGINEERING BLDG. #2
- 82. SHEEP SHED
- 83. FARM TENENTS HOUSE
- 92. HORTICULTURE STORAGE BLDG.
- 101. FARM ARENA
- 118. SWINE PRODUCE FACILITY
- 122. BUS GARAGE
- 125. GENERAL STORAGE
- 144. ORGANIC DAIRY BARN
- 145. HEIFER BARN
- 153. MOTORCYCLE BUILDING

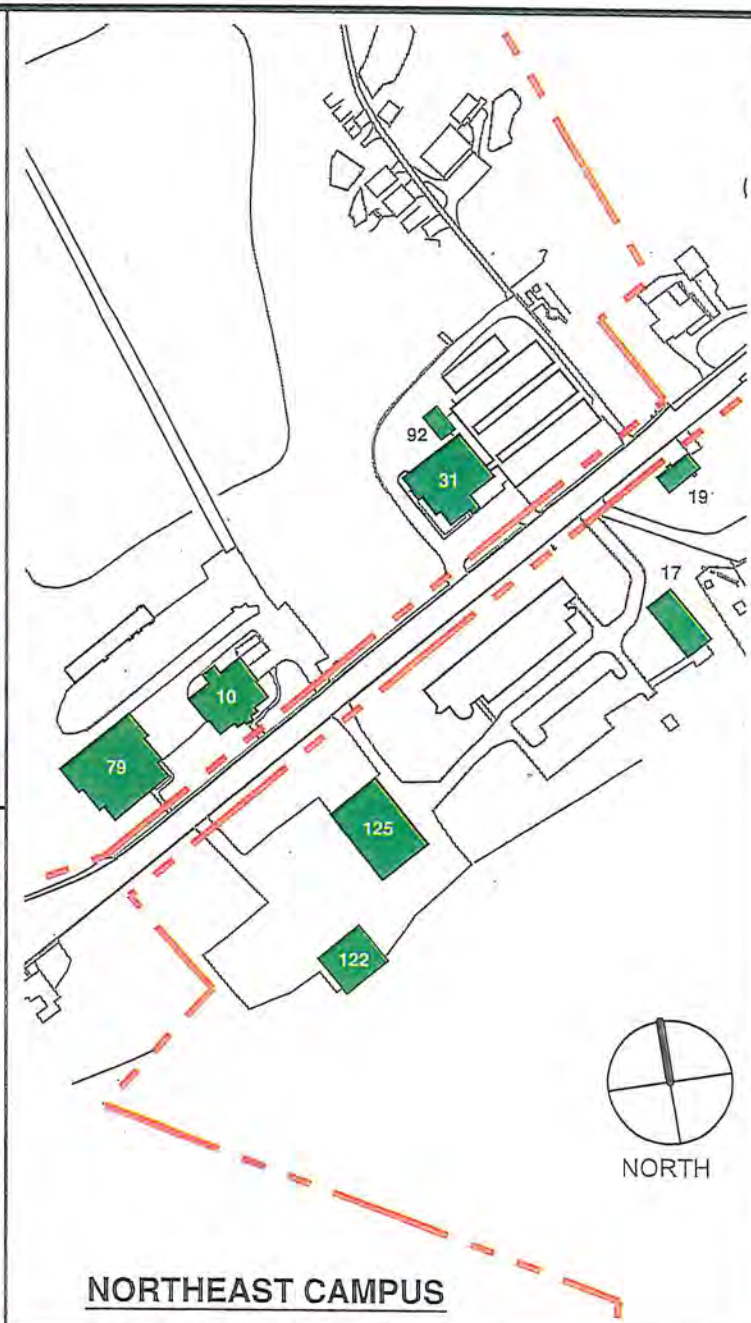
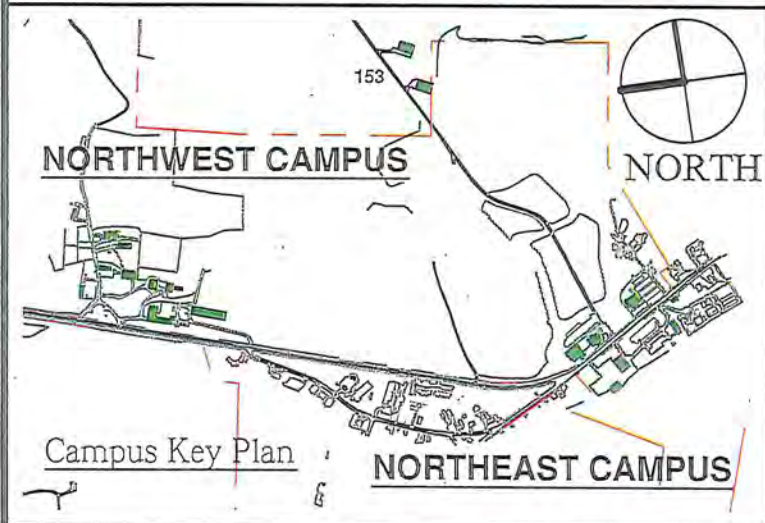
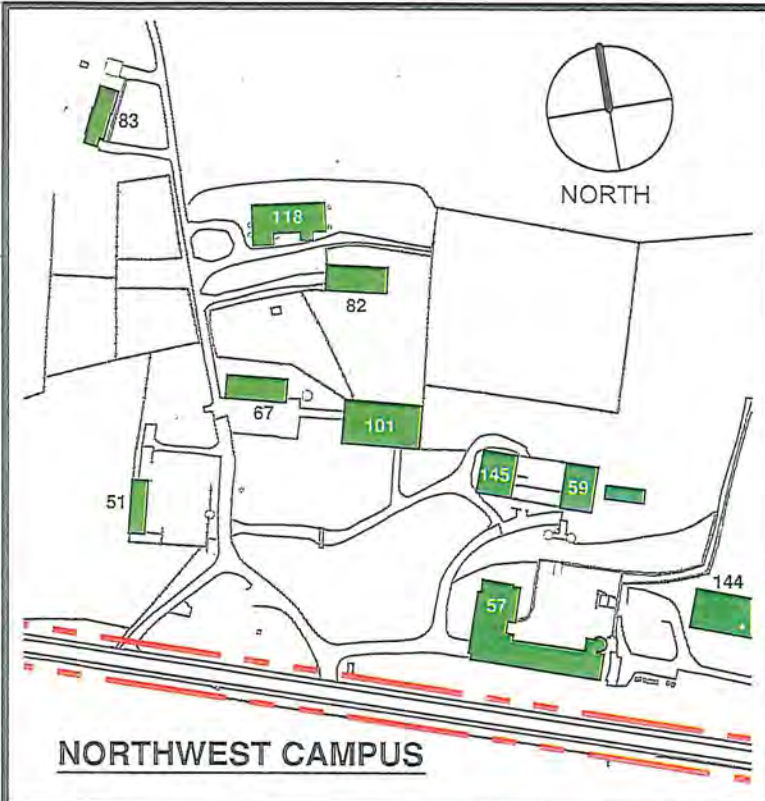
### NOT ON MAP

- 148. SAMC

- ACADEMIC BUILDINGS
- RESIDENTIAL BUILDINGS

\*APPROXIMATION OF BUILDING FOR LOCATION NOT TO SCALE

## FALL 2017





Hinkle Library – Exterior Repair  
(\$3.3 Million)



**College of Technology at Alfred**

State University of New York 2018/2019 Capital Program Plan (In Thousands)  
Major Ongoing Academic Facilities Projects (Over \$1M Construction Cost)

State University of New York College of Technology at Alfred

**PROJECTS UNDER DESIGN**

Anticipated Start of Construction

| Capital Plan Projects  | Total Estimated Project Cost | YTD Expend. thru 07-31-18 | LTD Expend. thru 07-31-18 | Encumbered Amount 07-31-18 | 18/19 | 19/20 | 20/21 | 21/22 | 22/23 |
|--|------------------------------|---------------------------|---------------------------|----------------------------|-------|-------|-------|-------|-------|
| Rehabilitate Exterior Envelope, Hinkle Library                 | \$3,326                      | \$100                     | \$100                     | \$269                      | X     |       |       |       |       |
| Install Emergency Generator Systems, Various Buildings         | \$2,998                      | \$151                     | \$151                     | \$372                      | X     |       |       |       |       |
| Renovate Mechanical Systems, Huntington Administration         | \$2,606                      | \$87                      | \$87                      | \$196                      |       | X     |       |       |       |
| Replace Roofs, Orvis, Ag Science, Huntington and Pioneer Halls | \$3,979                      | \$0                       | \$0                       | \$439                      |       | X     |       |       |       |
| <b>Design Totals:</b>  | <b>\$12,908</b>              | <b>\$337</b>              | <b>\$337</b>              | <b>\$1,276</b>             |       |       |       |       |       |

**PROJECTS UNDER CONSTRUCTION**

Anticipated Completion Date

| Capital Plan Projects              | Total Estimated Project Cost | YTD Expend. thru 07-31-18 | LTD Expend. thru 07-31-18 | Encumbered Amount 07-31-18 | 18/19 | 19/20 | 20/21 | 21/22 | 22/23 |
|------------------------------------|------------------------------|---------------------------|---------------------------|----------------------------|-------|-------|-------|-------|-------|
| Install Satellite Boilers, Phase 3 | \$4,881                      | \$1,733                   | \$2,451                   | \$2,184                    | X     |       |       |       |       |
| <b>Construction Totals:</b>        | <b>\$4,881</b>               | <b>\$1,733</b>            | <b>\$2,451</b>            | <b>\$2,184</b>             |       |       |       |       |       |

State University of New York 2018/2019 Capital Program Plan (In Thousands)  
 Future Planned Projects - Over \$1M Construction (Academic Facilities)

**State University of New York College of Technology at Alfred**

| Capital Plan Projects  | Total Estimated Project Cost | SFY 2018/2019   | SFY 2019/2020   | SFY 2020/2021   | SFY 2021/2022   | SFY 2022/2023   |
|--|------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Energy Master Plan Improvements, Phase 1                                 | \$2,750                      | D \$250         | C \$2,500       |                 |                 |                 |
| Student Leadership Center Remaining Construction                         | \$1,282                      | D \$100         | C \$882         |                 |                 |                 |
| Renovations for Americans with Disability Act, Huntington Administration | \$1,200                      | D \$200         |                 | C \$1,000       |                 |                 |
| Rehabilitate Agricultural Science Building                               | \$45,000                     | D \$3,500       |                 |                 | C \$41,500      |                 |
| Rehabilitate Site Walkways & Plazas                                      | \$5,200                      | C \$4,750       |                 |                 |                 |                 |
| Rehabilitate Site Utility Infrastructure                                 | \$35,000                     |                 | D \$5,000       | C \$10,000      | C \$10,000      | C \$10,000      |
| Improvements, TA Parish and Victorian House                              | \$4,700                      | D \$200         | C \$4,500       |                 |                 |                 |
| Rehabilitate EJ Brown Hall   | \$13,030                     | D \$2,500       |                 | C \$10,000      |                 | E \$530         |
| Rehabilitate Heating Plant   | \$15,500                     |                 |                 | D \$2,000       | C \$12,000      | E \$1,500       |
| Energy Master Plan Projects - New York Power Authority                   | \$5,250                      | C \$5,250       |                 |                 |                 |                 |
| Renovate Pioneer Center  | \$10,000                     |                 |                 |                 |                 | D \$1,300       |
| Rehabilitate Orvis Hall, Phase 1   | \$4,600                      | D \$3,500       |                 | C \$1,100       |                 |                 |
| <b>Capital Plan Project Totals:</b>                                      | <b>\$143,512</b>             | <b>\$20,250</b> | <b>\$12,882</b> | <b>\$24,100</b> | <b>\$63,500</b> | <b>\$13,330</b> |

Project Phases: A = Acquisition, D = Design, C = Construction, E = Equipment

State University of New York Summary of Budgetary Changes Capital Program Plan (In Thousands)  
Academic Facilities Project Cross-Reference: Current Year Status vs. Last Year

**State University of New York College of Technology at Alfred**

| Capital Plan Project                                   | 2017<br>Estimated<br>Project Cost | 2018<br>Estimated<br>Project Cost | Incr.Decr.<br>In<br>Estimate Cost |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Projects Under Design</b>                           |                                   |                                   |                                   |
| Repair Exterior Envelope, Hinkle Library               | \$2,400                           | \$3,326                           | \$926                             |
| Install Emergency Generator Systems, Various Buildings | \$3,807                           | \$2,998                           | (\$809)                           |
|  | <b>Phase Total:</b>               | <b>\$6,207</b>                    | <b>\$6,324</b>                    |
|  |                                   |                                   | <b>\$117</b>                      |
| <b>Projects Under Construction</b>                     |                                   |                                   |                                   |
| Install Satellite Boilers, Phase 3                     | \$5,071                           | \$4,881                           | (\$190)                           |
|  | <b>Phase Total:</b>               | <b>\$5,071</b>                    | <b>\$4,881</b>                    |
|  |                                   |                                   | <b>(\$190)</b>                    |
| <b>Completed Projects</b>                              |                                   |                                   |                                   |
| Install Satellite Boilers, Phase 2                     | \$2,316                           | \$2,273                           | (\$43)                            |
|  | <b>Phase Total:</b>               | <b>\$2,316</b>                    | <b>\$2,273</b>                    |
|  |                                   |                                   | <b>(\$43)</b>                     |