Suffolk
COUNTY COMMUNITY COLLEGE

Office of the President

BOARD OF TRUSTEES
February 16, 2017

RESOLUTION 2017.08 - Approving Monthly Sponsor Services for Suffolk County Community College

WHEREAS, the State University of New York Regulation No. 602.7 requires the Suffolk County Community College Board of Trustees to review and approve all Sponsor provided services and their estimated value in advance of the service being rendered, and

WHEREAS, the regulation also requires the approval of the payment of each Sponsor Service satisfactorily performed, and

WHEREAS, health insurance is considered a Sponsor Service, be it therefore

RESOLVED, that the health insurance payment to the County of Suffolk in the amount of $2,575,626.49 for the month of January 2017 (*Attachment I*) is hereby approved by the Board of Trustees.

Bryan Lilly
Secretary

Central Administration
533 College Road
Selden, NY 11784-2899
(631) 451-4112

Ammerman Campus
533 College Road
Selden, NY 11784-2899
(631) 451-4110

Western Campus
Crooked Hill Road
Brentwood, NY 11717-1092
(631) 851-6700

Eastern Campus
121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
(631) 548-2500

COUNTY OF SUFFOLK

STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF CIVIL SERVICE/HUMAN RESOURCES
DIVISION OF EMPLOYEE SERVICES

ALAN SCHNEIDER
PERSONNEL DIRECTOR

TO: Deborah Lesser
SCCC – Business & Financial Affairs
NFL Rm. 232, College Road Selden

FROM: Deidre DeSimone
Suffolk County Department of Civil Services
Employees Services Unit

DATE: January 9, 2017

SUBJ: SCCC Premium Due for Employee Medical Health Plan of Suffolk County
Fund 818

A R T

261 257 515
759 459 1218

1 1 2
– 1 1

1021 715 1736

January 2017

	Coverage	Premium	# Employees	Total
71	EMHP Indiv.	821.55	515 ✓	423,098.25
72	EMHP Family	1,752.36	1218 ✓	2,134,374.48
	HMO's			
31	HIP Indiv.	978.29	2 ✓	1,956.58
32	HIP Family	2,396.82	1 ✓	2,396.82
	Blue Choice Indiv.	1,511.94		0.00
	Blue Choice Family	3,931.05		0.00
	JOB SHARE (PLAN RATES)			
71	Individual	847.13		0.00
72	Family	1,806.94		0.00
	Total Premium 1/17		1736	$2,561,826.13

Plus:
4 Indiv. 3,286.20
6 Family 10,514.16
1746 2,575,626.49

Attachment: Enrollee List

A = Active
R = Retired
T = Total

Suffolk
COUNTY COMMUNITY COLLEGE

Office of the President

BOARD OF TRUSTEES
February 16, 2017

RESOLUTION NO. 2017.09 - Approving Budget Transfers

WHEREAS, the Board of Trustees has established a policy on the authorization of budget transfers, and

WHEREAS, according to said policy, budget transfers must be authorized by a resolution adopted by the Board of Trustees, and

WHEREAS, the Vice President for Business and Financial Affairs recommends the budget transfers on *Attachment II* as necessary for the operation of the College, be it therefore

RESOLVED, that the budget transfers shown on *Attachment II* are hereby authorized and approved.

Bryan Lilly
Secretary

Central Administration
533 College Road
Selden, NY 11784-2899
(631) 451-4112

Ammerman Campus
533 College Road
Selden, NY 11784-2899
(631) 451-4110

Western Campus
Crooked Hill Road
Brentwood, NY 11717-1092
(631) 851-6700

Eastern Campus
121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
(631) 548-2500

Suffolk County Community College
Budget Transfer List
As of February 8, 2017

DOCUMENT #	FUND	ORG	ACCOUNT	DESCRIPTION	TRANSFER FROM	TRANSFER TO	REASON
J0026786	181800	C22006	713700	Repairs-Educational Equipment	8,652		to reallocate funds for the Blackboard System
	181800	C22006	713170	Instructional Software		8,652	within the Instructional Technology Budget
J0026787	181800	C22006	712440	Instructional Equipment	28,270		to reallocate funds for the Blackboard System
	181800	C22006	713170	Instructional Software		28,270	within the Instructional Technology Budget
J0026788	181800	C22006	714360	Employee Training & Travel	35,580		to reallocate funds for the Blackboard System
	181800	C22006	713170	Instructional Software		35,580	within the Instructional Technology Budget
J0026789	181800	C22006	713070	Memberships & Subscriptions	1,348		to reallocate funds for the Blackboard System
	181800	C22006	713170	Instructional Software		1,348	within the Instructional Technology Budget
J0026790	181800	C22006	713070	Memberships & Subscriptions	1,730		to reallocate funds for the Blackboard System
	181800	C22006	713170	Instructional Software		1,730	within the Instructional Technology Budget
J0026892	181800	C69001	714020	Light Power & Water	14,795		to reallocate funds for the purchase of
	181800	C68001	712265	Public Safety Equipment		14,795	security cameras for the HSEC on the Grant Campus
J0026893	181800	C69001	714020	Light Power & Water	6,460		to reallocate funds for the purchase of
	181800	C68001	712265	Public Safety Equipment		6,460	CO detectors for the Grant Campus

Suffolk
COUNTY COMMUNITY COLLEGE

Office of the President

BOARD OF TRUSTEES
February 16, 2017

RESOLUTION NO. 2017.10 - Reappointing Directors to the Board of The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc.

Whereas, the by-laws of The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc. provide for the College Board of Trustees to appoint the members of its Board of Directors, and

Whereas, it is necessary to reappoint members whose terms are expiring, see *Attachment III*, be it therefore

Resolved, that the appointment of the following persons to the Board of Directors of The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc. is hereby approved, for a term of three years, effective September 1, 2016:

Name
Eleanor Kra
Steven Schrier
Melisa Rousseu

Bryan Lilly
Secretary

Central Administration
533 College Road
Selden, NY 11784-2899
(631) 451-4112

Ammerman Campus
533 College Road
Selden, NY 11784-2899
(631) 451-4110

Western Campus
Crooked Hill Road
Brentwood, NY 11717-1092
(631) 851-6700

Eastern Campus
121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
(631) 548-2500

The Suffolk Center on the Holocaust,
Diversity & Human Understanding, Inc.

BOARD OF DIRECTORS MEETING
December 15, 2016

RESOLUTION NO. 01-2017 REAPPOINTING A DIRECTOR TO THE BOARD OF THE SUFFOLK CENTER ON THE HOLOCAUST, DIVERSITY & HUMAN UNDERSTANDING, INC.

WHEREAS, the by-laws of The Suffolk Center on the Holocaust, Diversity and Human Understanding, Inc. provide for the College Board of Trustees to appoint the members of the CHDHU Board of Directors, and

WHEREAS, it is necessary to reappoint a member whose term is expiring, be it therefore

RESOLVED, that the Board hereby recommends reappointment of the following persons to the Board of Directors of The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc. for a term of three years, effective September 1, 2016:

Name
Eleanor Kra
Steven Schrier
Melisa Rousseu

Rabbi Steven Moss
Rabbi Steven Moss, Chairperson
Board of Directors

Suffolk
COUNTY COMMUNITY COLLEGE

Office of the President

BOARD OF TRUSTEES
February 16, 2017

RESOLUTION NO. 2017.11 - Approving the Requested 2018-2020 Capital Program and 2018 Capital Budget

WHEREAS, the College has been requested by the office of the Suffolk County Executive to submit capital budget and program requests in accordance with Article IV, Section A4-1, of the laws of Suffolk County, and

WHEREAS, the capital program requests (see, *Attachment IV*) have been solicited from the President, the Executive Vice President, Vice Presidents, Associate Vice President, Campus Executive Deans and Physical Plant Directors, and recommended by the Executive Council and the President, be it therefore

RESOLVED, that the Board of Trustees approves the submission of all capital projects in *Attachment IV*, and authorizes the President or his designee to submit the projects for the 2018-2020 capital program and 2018 capital budget.

Bryan Lilly
Secretary

Central Administration
533 College Road
Selden, NY 11784-2899
(631) 451-4112

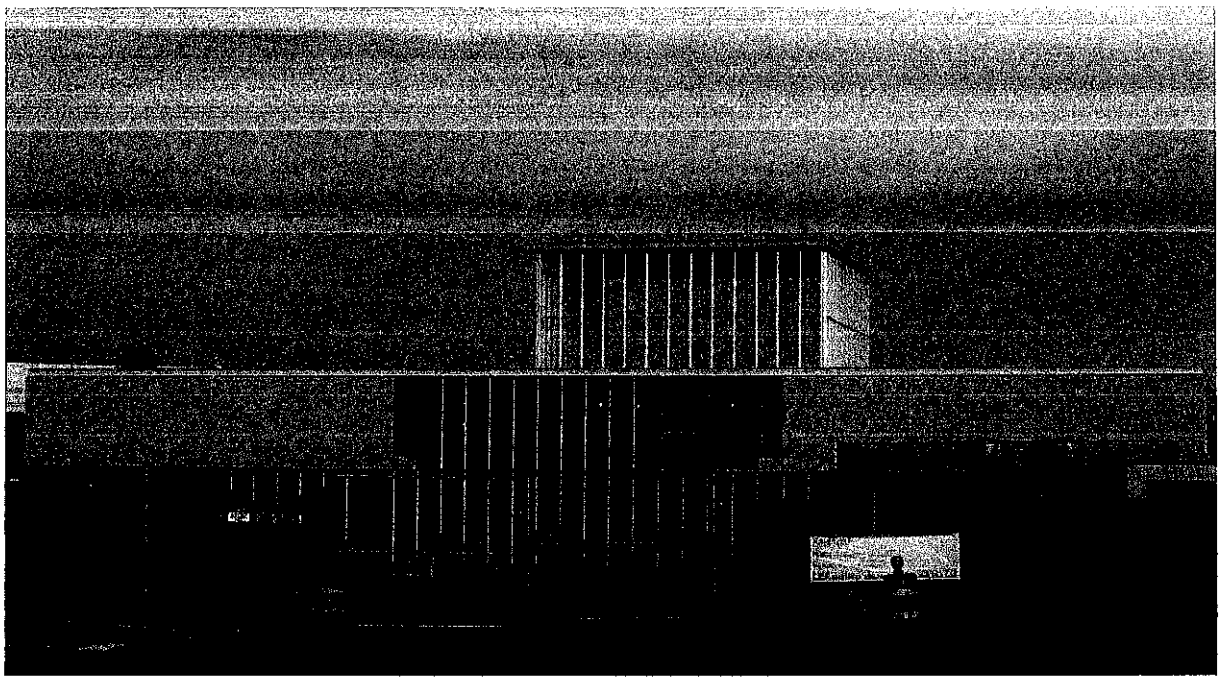
Ammerman Campus
533 College Road
Selden, NY 11784-2899
(631) 451-4110

Western Campus
Crooked Hill Road
Brentwood, NY 11717-1092
(631) 851-6700

Eastern Campus
121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
(631) 548-2500

Board of Trustees
February 16, 2017
Attachment IV

Suffolk
COUNTY COMMUNITY COLLEGE



The new Learning Resource Center on the Grant Campus

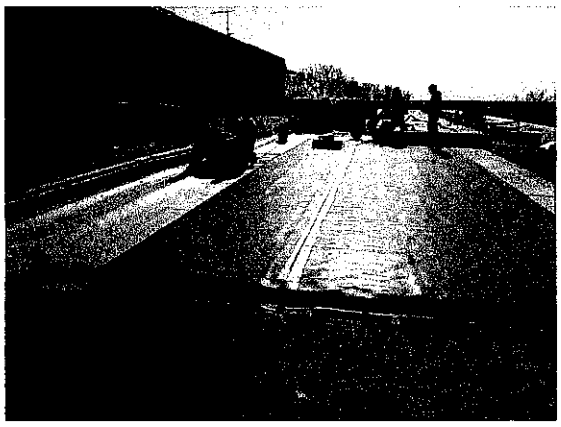


Ammerman Campus Paving Project

PROPOSED CAPITAL PROJECTS 2018 – 2020

FEBRUARY 2017

OFFICE OF FACILITIES AND PROJECT MANAGEMENT
CENTRAL ADMINISTRATION
533 COLLEGE ROAD
SELDEN, NY 11784



Ammerman Campus Roof Replacements

TABLE OF CONTENTS

	page
1.0 Program Summary	3
2.0 New Capital Projects	6
• Workforce Development and Technology Center Expansion	7
• Life Safety – College Wide	10
3.0 Existing Capital Projects with Continuing Authorizations	13
• Renovations to Sagtikos Building – Grant Campus (#2118)	14
• Infrastructure – College Wide (#2149)	16
4.0 Existing Capital Projects with Completed Authorizations	28
• Mechanical/Electrical Upgrades at Huntington Library (#2105)	29
• Renovation of Kreiling Hall – Ammerman Campus (#2114)	30
• Health and Sports Facility – Eastern Campus (#2120)	32
• Removal of Architectural Barriers/ADA Compliance (#2127)	36
• Fire Sprinkler Infrastructure – Ammerman Campus (#2129)	38
• Environmental Health and Safety (#2131)	39
• Improvements/Replacements to Roofs at Various Buildings (#2137)	40
• Installation of Cooling Systems – College Wide (#2138)	41
• Security Notification – College Wide (#2140)	43
• Renewable Energy and STEM Center – Grant Campus (#2141)	45
• Traffic Circle – Ammerman Campus (#2143)	49
• Plant Operations Building – Grant Campus (#2144)	51
• Warehouse Building – Eastern Campus (#2145)	53

- Parking Expansion – Ammerman Campus (#2152) 55
- Capital Improvements to New and Existing Facilities (#2153) 57
- Learning Resource Center (LRC) – Grant Campus (#2159) 58
- Renovations to Physical Plant/Warehouse – Ammerman Campus (#2165) 61
- Life Safety Alterations and Fire Alarm Upgrades (#2167) 62
- Sciences, Technology and General Classroom Building (#2174) 63
- Waterproofing Building Exteriors (#2177) 66
- Renovations to Islip Arts Building (#2180) 67
- Master Plan Update – College wide (#2186) 68
- Reconstruction of the Central Plaza at Ammerman Campus (#2187) 69
- Learning Resource Center (LCR) – Eastern Campus (#2189) 70

5.0 Index – Alphabetical Listing of Capital projects 72

1.0 Program Summary

New Project Requests

The College is requesting two new projects and additional funding to continue an existing project for this Capital Program cycle.

1. Workforce Development and Technology Center Expansion (WDTC) – Growth of the College's workforce programs necessitates expansion of the existing (WDTC), particularly for welding, soldering and assembly.

2. Year 5 Infrastructure – This represents the next phase in the 10 year investment program to maintain existing facilities College wide.

3. Life Safety College Wide – This project would include expanding existing building fire alarm systems to include carbon monoxide detection where required by State code as well as addressing additional emergency power needs.

Funding amounts and schedules for these requests are as follows:

Project	Approval Status		Funding Requests		
	County	State	2018	2019	2020
WDTC	Proposed	Proposed		$170,000	$2,280,000
Life Safety	Proposed	Proposed		$200,000	$2,050,000
Infrastructure	Proposed	Proposed	$5,150,000	$5,150,000	

Requests for Changes to Existing Projects

The College is requesting two project schedule changes. The existing County Capital Program includes additional funding for the Infrastructure project in 2018. The College is requesting that this funding be advanced one year to 2017 given the need for ongoing building and site renovations College wide. The funding allocation would also change from design and construction to construction only to reflect current project budget needs. While offsets are not required for State funded projects the College is requesting a delay of the Sagtikos Building Renovation project funding from 2017 to 2018 to offset the advance of the Infrastructure project funding. Given the status of the Sagtikos Building renovation project, this delay would not adversely impact the current project schedule.

The State Budget does not include authorization for the Infrastructure project funding that the College is requesting to advance. However, this request would allow the College to obtain support from the State for a portion of the required aid in 2017. All other existing projects have already been approved at the State level. The requested changes to existing projects are summarized in the following table:

Project	Approval Status		Existing Appropriations	Future Appropriations	
	County	State		2017	2018
Sagtikos Bldg. Renovation	Approved	Approved	$400,000		$5,700,000
Infrastructure	Approved	Proposed	$36,350,000	$5,150,000	

2.0 New Capital Projects

Workforce Development and Technology Center Expansion – Grant Campus

Project No.
New Project

Status
Proposed. Design funds are being requested for 2019. Construction and equipment funds are being requested for 2020.

Location
Grant Campus

Description
This project expands the existing Workforce Development and Technology Center (WDTC) to accommodate growth in several programs including welding, machining, soldering and assembly. Approximately 6,000 gsf. of additional laboratory and storage space will be added to the existing structure as well as a connecting courtyard. The LEED certification process will begin at the early stages of design.

The existing WDTC is a pre-engineered building which lends itself to expansion. The addition will be attached by extending existing building corridors. Three new laboratories, one general classroom and storage rooms are included in the new programming.

Programming	Costs	
Machining laboratory including CNC machines, milling, lathes, tooling, grinding	6,000 gsf feet @ $200/gsf. for construction	$1,200,000
Electronics assembly laboratory including soldering and testing	Admin costs and fees (15%)	$180,000
Assembly laboratory	Specialty fume hoods	$35,000
General Classroom	6,000 gsf slab on grade for patio @ $12/gsf., 6 inch thick	$72,000
Storage	Laboratory FF&E	$440,000
	Subtotal 1	$1,927,000
	Owner Contingencies (8%)	$154,160
	Subtotal 2	$2,081,160
	Inflation @ 3% per year	$192,980
	Total Constr. Cost (2020 dollars)	$2,274,140
	Design Fee SUNY Guidelines	$169,418
	Total Est. Cost (2020 dollars)	$2,443,558

Cost Summary (year 2020)

Design =	$ 170,000
Construction =	$1,820,000
F & E =	$ 460,000
Total =	**$2,450,000**

Program Status
Conceptual plans for the addition have been completed in-house. These drawings and the academic programming needs would be used to develop an RFP to retain design services once funding is appropriated and State aid is secured.

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

New certifications are being required in several manufacturing segments including high temperature welding and tool and die. Additional laboratory spaces for welding, machining, electrical assembly and quality control will help meet regional workforce demand for these qualifications.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs; and (2) new projects which provide efficiencies and long/term revenue generation.

Operating Expenses and Revenue Estimates

In the first year of operation the College projects adding 3 sections of welding with 8 students per section, and two sections each for machining, electrical assembly and quality control with 15 students per section. This increased enrollment would require one industry instructor and one reader per section. Based on these projections, annual operating expenses due to increased staffing, supplies and materials, and utility costs will total approximately $138,252. Projected revenues are estimated to total $235,800, resulting in overall profit of **$97,548**. A summary of these calculations follows.

Operating Expenses – Staffing

Industry instructors earn $80/hr and teach 128 hours per section. Readers earn $50/hr and teach 52 hours per section.

Cost per section = ($80/hr * 128 hrs) + ($50/hr * 52 hrs) = $12,840

Total Estimated Staffing = $12,840/section * 9 sections = **$115,560**

Operating Expenses - Utilities

Heating

Based on gas meter readings at the WDTC for 2016, heating costs averaged $0.52 per square foot per year.

Annual cost = (6,000sqft)($0.52/sf/yr) = **$3,120**

Electricity

The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC. The Grant Campus does not have a central energy plant so this per square foot electrical usage should be increase by 20 percent to account for the electrical load associated with boilers and chillers.

Estimated annual usage = (3.78 kw-hrs/sf)*(1.2)*(6,000sf) = 27,216 kw-hrs

Current electrical unit costs average $0.144 per kw-hrs. Therefore,

Annual electrical cost = (27,216 kw-hrs)*($0.144 per kw-hrs) = **$3,919**

Total Heating and Cooling Cost = $3,120 + $3,919 = **$7,039 (year 2017 dollars)**

Assuming 3.0 percent annual increase:

= $7,039 * $(1.03)^3$ = **$7,692 (year 2020 dollars)**

Operating Expenses – Supplies and Materials

Consumable expenses for the new laboratory sections including fuel and raw materials are estimated at **$15,000** for the first year.

Projected Revenues

Students seeking welding certifications pay approximately $4,200 including fees. Machining, electrical assembly and quality control certifications cost approximately $1,500 per student.

Welding per year	= 8 students/section * 3 sections * $4,200/student = $100,800
Machining per year	= 15 students/section * 2 sections * $1,500/student = $45,000
Electrical Assembly per year	= 15 students/section * 2 sections * $1,500/student = $45,000
Quality Control per year	= 15 students/section * 2 sections * $1,500/student = $45,000

Total Projected Revenue = $235,800

Life Safety – College Wide

Project No.
New Project

Status
Proposed. Design funds are being requested for 2019. Construction and equipment funds are being requested for 2020.

Location
College Wide

Description
This project would expand existing building fire alarm systems to add carbon monoxide detection where required by State code as well as addressing additional emergency power needs. Emergency lighting improvements to existing assembly spaces and adding building heating systems to existing or new emergency power supplies would be included.

A survey of all buildings College wide was conducted to evaluate existing fire alarm systems that require carbon monoxide detection. Several building systems are out dated and would need new fire alarm panels. However, most building fire alarms are expandable and can incorporate carbon monoxide detection heads. Several quotations for new fire alarm systems and expansion of existing systems have been received to estimate the total investment required to bring all College buildings into compliance with the code.

Based on these quotations, the average cost to add one carbon monoxide detection head to an existing system is approximately $2,750.

Estimated Construction Costs for Carbon Monoxide Detection

Campus	Location	No. of Heads Required	Quotation	Unit Cost Estimate
Ammerman	Ammerman Bldg.	Upgraded panel required	$210,000	
Ammerman	Smithtown Science Bldg.	Upgraded panel required	$80,000	
Ammerman	Huntington Library	Upgraded panel required	$380,000	
Ammerman	Remaining Bldgs.	35		$96,250
Grant	Nesconsett Bldg.	Upgraded panel required	$100,000	
Grant	Sagtikos Bldg.	9		$24,750
Grant	Paumanok Bldg.	12		$33,000
Grant	Warehouse	2		$5,500
Grant	HS&E Bldg.	4		$11,000
Grant	Captree Commons	2		$5,500
Grant	Caumsett Hall	2		$5,500
Subtotal			**$770,000**	**$181,500**

Total Estimated Construction Costs = $951,500

A study of each building's emergency power needs relative to existing generator capacity would establish both the approach and costs associated with each location. Based on the most recent emergency generator tests, the following construction costs have been estimated:

Estimated Construction Costs for Additional Emergency Power Needs

Campus	Location	Existing Genset	Needs	Cost Estimate
Ammerman	Ammerman Bldg.	Yes	Emergency lighting and heat	$15,000
Ammerman	Brookhaven Gym	Yes	Emergency lighting	$11,000
Ammerman	President's Cottage	No	Emergency lighting and heat	$15,000
Ammerman	Southampton Bldg.	Yes	Emergency lighting and heat	$15,000
Ammerman	Islip Arts Bldg.	Yes	Emergency lighting and heat	$15,000
Ammerman	Campus Kids	No	Emergency lighting and heat	$25,000
Ammerman	Huntington Library	Yes	Emergency lighting and heat	$40,000
Ammerman	Riverhead Bldg.	Yes	Emergency lighting and heat	$15,000
Ammerman	Sewer Plant Bldg.	Yes	Emergency lighting and heat	$5,000
Ammerman	Smithtown Science	Yes	Emergency lighting and heat	$30,000
Ammerman	Plant Operations	Yes	Emergency lighting	$25,000
Grant	Center Cottage	No	Emergency lighting and heat	$20,000
Grant	Caumsett Hall	Yes	Emergency lighting and heat	$15,000
Grant	Captree Commons	Yes	Emergency lighting	$15,000
Grant	HS&E Bldg.	Yes	Emergency lighting	$50,000
Grant	Kids Cottage	No	Emergency lighting and heat	$60,000
Grant	North Cottage	No	Emergency lighting and heat	$20,000
Grant	Nesconset Hall	No	Emergency lighting and heat	$60,000
Grant	Paumanok Hall	Yes	Emergency lighting and heat	$15,000
Grant	South Cottage	No	Emergency lighting and heat	$20,000
Grant	Sagtikos Bldg.	Yes	Emergency lighting	$15,000
Grant	WDTC	No	Emergency lighting and heat	$60,000
Subtotal				**$561,000**

Total Estimated Construction Costs = $561,000

Total Estimate Project Costs	
Construction Estimate	$1,512,500
Admin Costs and Fees (15%)	$226,875
Subtotal 1	$1,739,375
Owner Contingencies (8%)	$139,150
Subtotal 2	$1,878,525
Inflation @ 3% per year	$174,190
Total Constr. Cost (2020 dollars)	$2,052,715
Design Fee SUNY Guidelines	$200,000
Total Est. Cost (2020 dollars)	$2,252,715

Cost Summary (year 2020)
Design = $ 200,000
Construction = $2,050,000
Total = $2,250,000

Program Status

The design phase of the project would study existing generator (genset) capacity by building to evaluate the best solutions be it utilizing the existing generators, adding new generators or obtaining mobile generators. In addition, all fire alarm system expansion would be reviewed to ensure code compliance and would be approved by the Fire Marshal's Office. An RFP to retain design services can be prepared once funding is appropriated and State aid is secured.

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

On November 20, 2015, New York State amended Part 1228 of Title 19 NYCRR (the Building Code) by adding a new section 1228.4 *Carbon Monoxide Detection in Commercial Buildings.* Section 1228.4 requires new and existing buildings that have a carbon monoxide source to have carbon monoxide detection systems installed. Only one-family dwellings, two-family dwellings and townhouses are exempted from this requirement. All commercial buildings must comply with this section. Suffolk County Resolution No. 295-2014 *Requiring Installation of Carbon Monoxide Detectors at County Facilities ("The Steve Nelson Safety Act")* recommended that the College install and maintain carbon monoxide detection systems in all College buildings.

In general, existing gensets College wide are designed to provide emergency power for egress lighting. In several cases, this lighting appears to be insufficient for egressing large assembly spaces. The first floor of the Brookhaven Gym and the corridors associated with the field house in the Health, Sports and Education Center are two prime examples. Also, many College building heating systems are not on emergency power circuits. If power is lost for an extended period of time during below freezing temperatures, extensive water damage can results from freezing and bursting pipes. One possible solution would be to add specific building panels to existing gensets with excess capacity to accommodate more lighting and critical heating systems and controls. In addition, other buildings and spaces that are critical to returning the College to normal operations after an emergency should be considered for connection to existing or new gensets or connection to a portable genset. This would include Plant Operations, Security and certain technology spaces in addition to any College buildings designated as County shelters.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which address critical health and safety needs; and (2) submission of projects which will generate significant State aid to offset project costs.

Operating and Revenue Expenses

There are no significant impacts on the operating budget.

3.0 Existing Capital Projects with Continuing Authorizations

Renovations to Sagtikos Building – Grant Campus

Project No.
2118

Status
State aid for this project is in place. The current County Capital Program has construction and equipment funds scheduled in 2017. The College is requesting that construction and equipment funds be delayed one year to 2018.

Location
Grant Campus

Description
This project renovates the space that will be made vacant when the existing library moves into the new Learning Resources Center. Approximately 20,346 net square feet will be converted into academic space. The LEED certification process will begin at the early stages of design. As this is a major renovation program, supporting capital projects may be used in conjunction with this project. These include CP2127, CP2131, CP2140, CP2149 and CP2177.

Programming		Costs	
Convert 20,346 net square feet of Library to student support space	20,346 nsf	20,346 nsf @ $160/nsf	$3,255,360
		Admin Costs and Fees (15%)	$488,304
		FF&E (30%)	$976,608
		Sub Total	**$4,720,272**
		Owner Contingencies (~8%)	$377,622
		Building Total	**$5,097,894**

Year	Inflation Rate
2005	3%
2006	2.4%
2007	2.4%
2008	2.4%
2009	2.4%
2010	2.4%
2011	2.4%

Inflation rates were approximated based on local Long Island trends.

Cost Summary (year 2011)

Design =	$ 400,000
Construction =	$4,800,000
F & E =	$ 900,000
Total =	**$6,100,000**

Program Status
Design funds have been appropriated. Design services will be retained in 2017. Programming will focus on centralizing visual and performance arts as well as additional science spaces including a chemistry lab. Given the current project schedule, construction is anticipated to begin in 2018.

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

Since the year 2000, enrollment at the Grant Campus has increased by over 88 percent. This renovated area will address existing academic needs, including arts and science.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) promotion of infrastructure improvements which increase efficiencies, streamline government operations and extend the useful life of existing infrastructure; and (2) submission of projects which will generate significant State aid to offset project costs.

Operating and Revenue Expenses

It is anticipated that energy savings will result as building systems are modernized according to LEED certification requirements.

Infrastructure – College Wide

Project No.
2149

Status
Funding has been appropriated for Phases I through III and 50% of Phase IV for a total of $36,350,000. The current County Capital Program has funding for the remaining 50% of Phase IV scheduled in 2018. Funding currently scheduled for 2018 is not included in the Governor's Proposed State Budget. The College is requesting that the remaining funding for Phase IV be advanced one year to 2017 and that Phase V funding totaling $10,300,000 be added to the Project and scheduled 50% in 2018 and 50% in 2019.

Location
College Wide

Description
Many College building systems and supporting infrastructure are at the end of their useful life and in poor condition. Failure of these systems would disrupt College operations and create safety hazards. Some areas are already safety concerns. This project would begin to repair these critical physical assets before they fail. The LEED certification process will begin at the early stages of design. This project will support other planned building and campus renovation work including work covered under CP2114, CP2118, CP2127, CP2129, CP2131, CP2134, CP2137, CP2138, CP2140, CP2152, CP2165, CP2167, CP2168, CP2177, CP2179, CP2180, CP2181, CP2182, CP2187, CP2192, CP2206, CP2207, CP2301 and CP2302.

The College participated in the SUNY Community Colleges Capital Facilities Assessment and Reinvestment Study. The proposed investment strategy of $10,300,000 per year for 10 years represents the minimum funding required to keep the backlog of critical deferred maintenance from growing. These figures are based on 2009 costs and therefore do not include inflation.

Cost Summary – Appropriated Funds	
Design =	$ 1,750,000
Construction =	$34,300,000
Site Improvements =	$ 300,000
Total =	**$36,350,000**

Cost Summary – Future Funding	
Construction =	$15,450,000
	$15,450,000

Program Status
The College participated in the SUNY Community Colleges Capital Facilities Assessment and Reinvestment Study and final reports have been received. The reports provide all community colleges in the SUNY system with an assessment of those activities essential to maintaining existing facilities and their supporting infrastructure in a state of good repair. All community colleges participated in the study which included (1) A complete review of all college facilities including buildings and infrastructure (2) Completion of a survey rating all physical facilities as either poor, fair, good or excellent (3) Inspection of all physical facilities by the State University Construction Fund (SUCF) Inspection Team followed by finalization of the survey rating all physical facilities (4) Population of a Life Cycle Computer Model with physical asset data including ratings, age, size, complexity, etc. (5) Cost assignment to repairs/replacements of physical assets based on 2009 prices adjusted for region and other variables, but not adjusted for inflation.

The reports produced several key measures of deferred maintenance funding needs including (1) Building and Infrastructure Backlog – the costs to fix existing physical assets in need of immediate attention (2) Building and Infrastructure Renewal Needs – a schedule of costs in future

years to repair/replace existing physical assets based on their condition and life cycle (3) Investment Strategies – a series of recommended investment schedules for each campus and SUNY community colleges as a whole.

The site improvements portion of Phase I is 87 percent complete resulting in replacement fixtures and poles for pedestrian walkway lighting at the Grant and Ammerman Campuses. The construction portion of Phase I and II is complete and addressed the most critical infrastructure needs College wide including fire sprinkler replacements, fire alarm replacements, fire wall reconstruction, chiller and boiler replacements, roof repairs and replacements, emergency generator replacements, repairs to exterior entrance stairs, retaining wall replacements, interior and exterior door replacements, drainage structure repairs, pot hole repairs, road paving and striping, handrail replacements and concrete sidewalks and curbs.

Phase III construction is now 90 complete with remaining funding currently committed to on-going projects. All new construction work is now being funded from the first half of Phase IV. Major contract awards through January 2017 are as follows:

Site Lighting

Phase	Contractor	Amount	Scope of Work
Site Improvements	Mid-Island Electric	$114,231	Site lighting poles and fixtures
Site Improvements	All Service Electric	$120,699	Site lighting poles and fixtures
Site Improvements	Advanced Lighting	$24,000	Site lighting fixtures
Site Improvements	All Service Electric	$5,140	Site lighting at HSE ADA lot
Site Improvements	All Service Electric	$15,267	Site lighting at Amm. Lot #7
Site Improvements	Wesco	$4,833	Wire for site lighting at Grant
Site Improvements	All Service Electric	$15,867	Walkway site lighting
Site Improvements	Turtle and Hughes	$10,281	Site lighting wire Grant Campus
Site Improvements	NY Trenchless	$57,907	Site lighting Ammerman
Subtotal		**$368,225**	

Mechanical, Electrical, Plumbing

Phase	Contractor	Amount	Scope of Work
Construction	BK Engineering	$14,548	Fire sprinkler replacements
Construction	Simplex	$48,147	Fire alarm dialers
Construction	Carrier	$134,500	Huntington Library chiller
Construction	Sid Harvey	$2,695	Kids Cottage air conditioning
Construction	G.A. Fleet	$31,096	Captree Commons boiler
Construction	Best Climate	$48,114	Auto Tech Bldg. HVAC units
Construction	All Service Electric	$1,333	Auto Tech Bldg. HVAC units
Construction	All Service Electric	$25,862	Riverhead, NFL, BSC, SH boilers
Construction	GA Fleet	$2,005	Boiler parts for Captree Bldg.
Construction	I.I. Contracting	$21,709	Riverhead TV studio pipe insula.
Construction	I.I. Contracting	$19,353	Smith., Riverhead pipe insulation
Construction	Commercial Instru.	$4,876	Shinn. chilled water valve replmnt.
Construction	Commercial Instru.	$35,580	HVAC repairs & calib var. bldgs
Construction	Commercial Instru.	$17,300	NFL HVAC unit replacement
Construction	Commercial Instru.	$1,716	Brookhaven condensate drain
Construction	Blackman	$5,253	Caumsett chillers- fittings
Construction	Trane	$94,472	Caumsett chillers replacement
Construction	L I R*R Rigging	$3,550	Caumsett chillers - rigging
Construction	Blackman	$2,338	Caumsett chillers - parts
Construction	Commercial Instru.	$3,125	Smithtown Bldg. chilled water coil

Construction	Blackman	$8,472	Paumanok roof top HVAC unit
Construction	Johnson Controls	$8,675	Paumanok roof top HVAC unit
Construction	Commercial Instru.	$15,686	Ammerman bldg. chiller replmnt
Construction	Henrich Petrol	$15,959	Gasoline pump replacements
Construction	American Electrical	$11,381	HS&E ATS switch replacement
Construction	Home Depot	$23,673	NFL generator
Construction	Plumbco	$12,522	NFL generator
Construction	All Service Electric	$7,014	NFL generator
Construction	All Service Electric	$5,862	Ammerman B feeder failure
Construction	All Ways Elevator	$33,230	Sagtikos Bldg. elevator rebuild
Construction	All Service Electric	$78,241	Riverhead Bldg. TV studio lighting
Construction	Boilermatic	$21,104	East Campus HTHW control valve
Construction	National Insulation	$17,122	Shinnecock Bldg. pipe insulation
Construction	National Insulation	$9,822	Peconic Bldg. pipe insulation
Construction	All Service Electric	$6,295	HS&E electrical transfer switch
Construction	Daikin McQuay	$41,184	Ammerman Bldg. chiller
Construction	Commercial Instru.	$12,001	NFL, BSC chimney repairs
Construction	Commercial Instru.	$7,992	North Bldg. heat exchg. replmnt
Construction	Boilermatic	$60,938	Riverhead, Southampton boilers
Construction	K&G Power	$4,966	CEP circulator pumps
Construction	Commercial Instru.	$76,500	Islip Arts roof top HVAC units (4)
Construction	All Service Electric	$4,543	Paumanok Hall transfer switch
Construction	All Service Electric	$7,385	Sagtikos Bldg. transfer switch
Construction	Simplex Grinnell	$15,886	Caumsett Hall fire alarm
Construction	All Service Electric	$908	NFL Bldg. exhaust fan
Construction	All Service Electric	$803	TV studio repairs
Construction	Grainger	$3,886	Paumanok hot water heater
Construction	Commercial Instru.	$28,370	NFL spilt system replacements
Construction	All Service Electric	$4,691	NFL bathroom lighting
Construction	Johnson Controls	$15,100	Captree roof top HVAC unit
Construction	Scales Industry	$3,273	Orient Bldg. air compressor
Construction	Simplex Grinnel	$8,415	Fire alarm dialer upgrades
Construction	Commercial Instru.	$32,763	Islip Arts split system repl. (3)
Construction	MCN Distribution	$2,150	Nesconset Hall HVAC unit
Construction	Boilermatic	$122,561	East bldg. heat exchangers
Construction	J. Petrocelli	$55,016	Amm. Cottage sewer line repl.
Construction	National Insulation	$16,677	Rigging Captree rooftop units
Construction	Trio Sheet Metal	$13,859	Ductwork Captree rooftop units
Construction	Commercial Instru.	$9,489	NFL Student Services AC unit
Construction	I.I. Contracting	$25,346	Hunting., Smithtown pipe insull.
Construction	ARA Plumbing	$9,850	North Bldg. genset
Construction	Commercial Instru.	$13,058	Southampton roof top unit
Construction	Simplex Grinnel	$24,785	Caumsett Hall smoke hatch
Construction	Premier Mechanical	$484,700	Ammerman Warehouse HVAC
Construction	Trane	$98,016	East CEP chiller overhauls
Construction	Rolands Electric	$117,760	Ammerman Warehouse electric
Construction	National Insulation	$49,099	HSE Ctr. sewer line replacement
Construction	All Service Electric	$24,520	Amm. warehouse genset circuits
Construction	Maccarone Plumbing	$5,770	Babylon kitchen sink drainage
Construction	All Service Electric	$42,967	Amm. Bldg. selector switch repl.
Construction	Maccarone Plumbing	$12,433	Caumsett sewer line replacement
Construction	Boilermatic	$9,501	Huntington boiler repairs
Construction	Trane	$11,876	Sagtikos AHU heating coils

Design	Emtec	$298,501	Mech. Improv. College wide
Construction	GA Fleet	$68,341	Caumsett boiler repl. (2)
Construction	Trane	$81,029	East CEP chiller repairs
Construction	J. Petrocelli	$2,718	Amm. Bldg. selector switch testing
Construction	P&G Fleet	$5,363	Amm. Bldg. transfer switch repl.
Construction	Blackman	$4,786	East Cep circulator pumps
Construction	Maccarone Plumbing	$3,666	Nesconsett bathroom waste line
Construction	Commercial Instru.	$55,036	Babyl., Brook. compressor repl.
Construction	TriTech	$129,966	IT cable from Babyl., Hunt., Smith
Construction	Commercial Instru.	$12,987	Repl. AC in Alumni Rm
Construction	TriTech	$24,010	IT cable from Amm. Bldg.
Construction	Sid Harvey	$8,015	Kid's cottage heat pump repl.
Construction	Mid Island Electric	$3,132	Peconic AHU VFD repl.
Construction	K&G Power	$34,317	Amm. sewage & circ. pumps
Construction	Alt. Power Solutions	$3,520	Amm. Bldg. transfer switch repl.
Construction	All Service Electric	$25,840	Electr. Panel heat testing CW
Construction	Best Climate Control	$38,617	Smithtown chiller compressor rep.
Construction	Pure Process	$11,398	Amm. Warehouse sewage pumps
Construction	Johnson Controls	$7,995	Sagtikos BMS control repl.
Construction	TriTech	$68,665	IT cable on Grant Campus
Construction	TriTech	$29,739	IT cable from Riverhead Bldg.
Construction	K&G Power	$9,927	East CEP condensate pump repl.
Construction	Commercial Instru.	$6,196	Babylon chiller compressor repl.
Construction	Simplex Grinnell	$26,496	Autotech fire alarm repl.
Construction	Commercial Instru.	$4,390	Captree café refrigerator repair
Construction	B&F Electric	$2,385	Nesconsett spilt AC repl.
Construction	Trane	$4,752	Woodlands heat pump
Construction	Johnson Controls	$135,500	BMS Upgrade
Construction	Elite Action Fire	$40,700	Gas station fire extinguishing sys
Construction	All Service Electric	$16,784	Smithtown Room 118 LED lights
Construction	All Service Electric	$13,354	Amm. parking lot transformer
Construction	Simplex Grinnell	$45,178	North Bldg. fire alarm upgrade
Construction	Gil Bar Industries	$138,450	Pool dehumidifier
Construction	Boilermatic	$23,440	Huntington boiler repairs
Construction	Johnson Controls	$7,993	Workforce compressor
Construction	K&G Power	$7,178	Islip Arts Bldg. condenser repairs
Construction	IVS	$7,590	HS&E Cooling Tower repairs
Construction	Grainger	$45,025	LED lights for Eastern Campus
Construction	Maccarone	$6,829	Grant Campus RPZ rebuild
Construction	Baltimore Aircoil	$35,310	Eastern Campus cooling tower
Construction	Johnson Controls	$5,898	Workforce Dev. Bldg. compressor
Construction	Trane	$10,920	HS&E chiller repair
Construction	Boilermatic	$49,900	HS&E boiler re-tubbing
Construction	CDL	$31,856	Relocate underground telcomm
Construction	Boilermatic	$25,500	CEP boiler relief valve repl.
Construction	CDL	$5,548	Amm. gas station fire upgrade
Construction	Simplex Grinnell	$69,454	Paumonok fire alarm upgrade
Construction	Simplex Grinnell	$66,153	Shinnecock fire alarm upgrade
Construction	All Service Electric	$160,550	Mech. replacements College wide
Construction	HVAC	$3,243,900	Mech. replacements College wide
Construction	Maccarone	$19,088	Eastern Campus RPZ rebuilds
Construction	Wesco	$4,650	Grant Campus site wiring
Construction	Enecon	$17,255	HS&E cooling tower repairs

Construction	Commercial Instr.	$36,586	HS&E cooling tower repairs
Construction	National Energy	$2,613	Pump repairs Riverhead Bldg.
Construction	Boilermatic	$6,980	CEP expansion tank piping
Construction	Graybar	$11,838	Grant Campus site wiring
Construction	Simplex Grinnell	$29,271	Shinnecock CO detection
Construction	Commercial Instr.	$13,555	Captree rooftop unit repair
Construction	Simplex Grinnell	$6,772	Repl. Halon system Captree
Construction	Trane	$46,090	Replace chiller motor HS&E ctr.
Construction	Branch Services	$34,234	Smithtown Science boiler demo.
Construction	Johnson Controls	$5,706	HS&E air handler repair
Construction	Simplex Grinnell	$87,689	CEP fire alarm system replc.
Construction	M&M Control Serv.	$7,253	CEP boiler parts
Construction	B&F Electric Motors	$11,035	HVAC unit at HS&E
Construction	Maccarone	$5,775	RPZ rebuild Grant Campus
Construction	Turtle and Hughes	$4,191	Ammerman STP control panel
Construction	Scales	$4,172	East compressor replacement
Construction	Trane	$34,567	HS&E chiller rebuild
Construction	Maccarone	$5,775	HS&E RPZ repair
Construction	Simplex Grinnell	$14,519	Kid's Cottage compressor
Construction	CDW-G	$71,961	Riverhead Bldg. AC RM 105
Construction	Commercial Instr.	$36,970	HS&E cooling tower repairs
Subtotal		**$7,954,008**	

Hardscapes

Phase	Contractor	Amount	Scope of Work
Construction	LLL Industries	$98,153	Catch basin repair and paving
Construction	C & C Contracting	$32,300	Retaining wall replacements
Construction	Laser	$56,381	Concrete sidewalks
Construction	Jadeco	$483,099	Concrete sidewalks and stairs
Construction	Retrofit Inc.	$21,934	Eastern Campus gate, rails
Construction	Retrofit Inc.	$65,126	Exterior railings
Construction	Ferran Development	$21,991	NFL exterior concrete steps
Construction	Rosemar	$84,279	Amm. Campus East Road paving
Construction	Norman Kurrass	$40,263	Amm. Campus road repair
Construction	Quintal	$27,600	Amm. Campus thermoplastic lines
Construction	Clear Brook	$3,652	Amm. Campus catch basins
Construction	National Insulation	$56,018	Riverhead pedestrian bridge
Construction	Municipal Testing	$7,572	Asphalt and concrete testing
Construction	National Insulation	$20,837	NFL boiler room stairs and doors
Construction	J. Petrocelli	$724,200	Repaving and drainage in Lot #1
Construction	Retrofit Inc.	$38,983	Caumsett Hall exterior railings
Construction	National Insulation	$11,628	Babylon bookstore exterior steps
Construction	National Insulation	$24,970	Lot #8 concrete steps
Construction	National Insulation	$60,166	Grant Campus catch basin repairs
Construction	Jadeco	$17,107	Caumsett entry ramp
Construction	National Insulation	$55,864	Ammerman Bldg. exterior stairs
Construction	Jadeco	$22,925	Kreiling/Southampton sidewalk
Construction	National Insulation	$14,595	Amm Campus catch basin repairs
Construction	Retrofit Inc.	$20,035	Islip Arts exterior railings
Construction	Jadeco	$7,920	Islip Arts sidewalk
Construction	Retrofit Inc.	$14,265	Ammerman bldg. hand rails
Construction	National Insulation	$20,096	Islip Arts seated wall
Construction	Rosemar	$38,470	Paving Islip Arts rear, Lot #4

Construction	Rosemar	$114,318	Paving Brookhaven Gym, Lot #2
Construction	Quintal	$6,446	Striping Brookhaven Gym, Lot #2
Construction	J. Petrocelli	$17,496	Additional asphalt/striping Lot #1
Construction	National Insulation	$7,531	Pot hole repairs HSE Lot
Design	RBA Group	$1,470	Signage footing design
Construction	National Insulation	$4,565	Grant tennis court repairs
Construction	Allied Environmental	$99,950	Amm. Campus exterior signage
Construction	Jadeco	$21,990	Workforce Bldg. sidewalk
Construction	Sypher Construction	$15,169	Catch basin repair Grant Campus
Construction	Rosemar	$72,039	Road/lot repairs Grant Campus
Construction	LLL Industries	$14,853	Catch basin repair Amm. Campus
Construction	LLL Industries	$30,600	Sink hole repair Grant Campus
Design	RDA Architecture	$14,500	Stair, sidewalk, ramp repairs Amm
Design	USIC	$3,600	Utility mark-outs
Construction	Rosemar	$182,764	Paving Ammerman Lot #8s
Subtotal		**$2,697,720**	

Roofs

Phase	Contractor	Amount	Scope of Work
Construction	JC Broderick	$7,883	NFL Bldg. roof
Construction	GTS Roof	$135,755	NFL Bldg. roof
Construction	All Seasons	$13,000	Plants Ops. shop roof
Construction	Statewide Roofing	$6,501	Hunt. &Ammerman roof repairs
Construction	Statewide Roofing	$12,970	Smithtown, Auto Tech roof repairs
Construction	Statewide Roofing	$27,073	Riverhead, BSC, North roof repairs
Construction	Statewide Roofing	$23,928	North Bldg., Islip Arts roof repairs
Construction	Statewide Roofing	$27,775	Sandy roof damage
Construction	National Insulation	$30,587	Grounds Storage Bldg. re-roof
Construction	Statewide Roofing	$3,863	Paumanok Hall roof repairs
Construction	Statewide Roofing	$53,194	Ammerman STP roof replace.
Construction	Statewide Roofing	$4,281	Babylon roof repairs
Construction	Statewide Roofing	$1,335	Ammerman Childcare roof repair
Construction	Statewide Roofing	$36,792	Kreiling Hall roof repair
Construction	Statewide Roofing	$2,149	Huntington Library roof repair
Construction	Statewide Roofing	$1,500,718	East Campus roofs
Construction	Statewide Roofing	$7,380	Pull tests on various roofs
Construction	Statewide Roofing	$6,635	HSE roof repairs
Construction	Statewide Roofing	$1,398	Copper roof repair
Design	Tetra Tech	$110,000	Babyl., Hunt., River., Paum., NFL
Construction	Statewide Roofing	$170,404	Amm. Warehouse roof repair
Construction	Statewide Roofing	$14,318	Babl., Islip ,Riverhead roof repairs
Construction	Statewide Roofing	$13,361	Ammerman Bldg. roof repair
Construction	Statewide Roofing	$31,253	NFL Bldg. roof repair
Construction	Enviroscience	$4,000	Asbestos testing East Roofs
Construction	Statewide Roofing	$8,531	HS&E roof repair
Construction	Statewide Roofing	$3,358,000	Grant & Amm. Campus roofs
Construction	Statewide Roofing	$3,330	Flash RTU curb at NFL Bldg.
Construction	Statewide Roofing	$107,625	Captree Commons roof repl.
Construction	National Insulation	$14,810	Captree Commons roof repl.
Construction	Statewide Roofing	$2,750	Center Cottage roof repair
Construction	Statewide Roofing	$2,880	Islip Arts office roof repair
Construction	Statewide Roofing	$25,695	Amm. Bldg. safe room roof repair

Construction	Statewide Roofing	$30,650	Smithtown storefront repairs
Construction	Statewide Roofing	$3,135	Smithtown cast iron drain repl.
Construction	Statewide Roofing	$151,450	Captree south roof replacement
Subtotal		**$5,955,379**	

Doors and Store Fronts

Phase	Contractor	Amount	Scope of Work
Construction	Eastern Door	$93,084	Hunt. Library, Riverhead doors
Construction	National Insulation	$8,157	Eastern Campus vault repair
Construction	Eastern Door	$2,661	Amm. Warehouse door repair
Construction	National Insulation	$3,699	Ammerman Warehouse doors
Construction	National Insulation	$59,493	Brookhaven Gym store fronts
Construction	Eastern Door	$5,828	Nesconset Hall entrance doors
Construction	Superior Overhead	$8,300	East CEP overhead door repl.
Construction	National Insulation	$41,382	Brookhaven Gym interior doors
Construction	Eastern Door	$23,622	River., Babyl. restroom doors
Construction	Door Automation	$4,388	Islip Arts exterior door operators
Construction	Eastern Door	$6,925	Brookhaven Gym interior doors
Construction	Eastern Door	$4,672	Captree door operators
Subtotal		**$262,211**	

Peconic Building Second Floor Renovation

Phase	Contractor	Amount	Scope of Work
Design	LiRo	$21,910	Peconic 'one stop' fire wall
Construction	GII Contracting	$358,676	Peconic 'one stop' renovation
Construction	Simplex Grinnel	$181,512	Peconic Bldg. fire alarm replmnt.
Construction	National Insulation	$18,385	Peconic 'one stop' fire stopping
Construction	All Island Testing	$1,500	Peconic 'one stop' inspections
Construction	Branch Services	$30,805	Peconic Bldg. asbestos
Construction	All Ways Elevator	$5,040	Peconic Bldg. elevator recall
Construction	Brook. Locksmiths	$4,940	Peconic 'one stop' door panics
Subtotal		**$622,768**	

Southampton Building Renovation

Phase	Contractor	Amount	Scope of Work
Design	Emtec	$16,500	Southampton Bldg. energy model
Construction	Lockmart	$2,230	Door hardware
Construction	Grainger	$2,470	Door hardware
Design	P.H. Hawley	$950	Door design
Design	Baldassano	$2,495	Interior design
Design	Greenman Pedersen	$2,000	Southampton Bldg. roof design
Construction	Maccarone	$48,450	Southampton reno. - plumbing
Construction	All Service Electric	$508,798	Southampton reno - electrical
Construction	S.J. Hoerning	$1,435,283	General construction
Construction	Liberty Moving	$36,108	Southampton reno. - moving
Construction	National Insulation	$124,968	Southampton reno. fire stopping
Construction	Simplex Grinnel	$277,599	Southampton fire alarm replmnt.
Construction	Cassone	$4,520	Southampton reno. - storage
Construction	CDW-G	$5,400	Southampton reno - I.T. cables
Construction	W.T.Communications	$16,547	Southampton reno - I.T. cables

Construction	Brook. Locksmiths	$47,242	Southampton reno. - locks
Construction	Milburn	$32,662	Southampton reno. - flooring
Construction	Parson's Floor	$19,278	Southampton reno. - flooring
Construction	JSJ	$55,288	Lecture seats
Construction	National Insulation	$93,511	Southampton reno. - new doors
Construction	National Insulation	$52,411	Southampton reno. - painting
Construction	Statewide Roofing	$129,298	Southampton reno. - roofing
Construction	Sterling Floor	$3,640	Southampton reno. – carpet tiles
Construction	Maggio	$1,190	Southampton reno. - dumpster
Construction	All Ways Elevator	$22,177	Elevator recall
Construction	National Insulation	$38,819	Southampton reno. - drywells
Construction	Municipal Testing	$13,979	Southampton reno. - inspections
Construction	National Insulation	$2,700	Southampton reno. - foundation
Construction	Branch Services	$19,595	Asbestos abatement
Construction	Enviroscience	$5,468	Asbestos abatement
Construction	National Insulation	$3,146	Southampton shade replmnt
Construction	Plumbco	$3,240	Southampton roof drainage repair
Construction	National Insulation	$1,965	Southampton chorus room ceiling
Construction	Boilermatic	$15,240	Southampton boiler steam pipe
Construction	National Insulation	$7,626	Southampton door hardware
Construction	National Insulation	$13,017	Southampton skylight repair
Construction	National Insulation	$10,563	Southampton gutter repair
Construction	National Insulation	$19,111	Southampton roof drainage
Construction	National Insulation	$11,447	Southampton insect screen repl.
Design	GPI	$1,500	Southampton structural analysis
Subtotal		**$3,108,431**	

Riverhead Building Renovation

Phase	Contractor	Amount	Scope of Work
Design	William F. Collins	$36,800	Architectural design
Design	Cashin Associates	$59,000	PLA Feasibility Study
Design	Emtec	$111,643	Engineering design
Construction	E&A Restoration	$6,397,250	General construction
Construction	Simplex Grinnel	$387,340	Fire alarm replacement
Construction	CDW-G	$15,589	Telecommunications cabling
Construction	Enviroscience	$18,852	Asbestos sampling
Construction	All Island Testing	$3,000	Controlled inspections
Construction	Nickerson	$22,098	Nursing lab cabinets
Construction	All Service Electric	$55,787	Engineering lab renovation
Construction	ARA Plumbing	$1,029	Restroom leak
Construction	National Insulation	$4,476	Boiler room doors
Construction	Nickerson	$7,241	EMS lab casework repl.
Construction	All Island Testing	$500	Fire stopping inspection
Construction	Enviroscience	$15,602	Asbestos monitoring
Construction	Eastern Door	$3,322	TV studio door replacements
Construction	Parsons	$731	Stair treads
Construction	All Service Electric	$24,425	Boiler room lighting replacement
Construction	CDW	$1,608	Wire mold
Subtotal		**$7,166,293**	

General Building Repairs and Replacements

Phase	Contractor	Amount	Scope of Work
Construction	Arcoat	$19,965	Paumanok Bldg. epoxy floors
Construction	Parson's Floor	$18,140	Paumanok Bldg. tile floors
Construction	Milburn	$18,517	Orient, Shinn., Peconic treads
Construction	National Insulation	$78,121	Caumsett stair treads & painting
Construction	National Insulation	$18,312	Causmsett loading dock repair
Construction	National Insulation	$4,648	Caumsett gutter replacement
Construction	National Insulation	$18,394	Peconic kitchen ceiling replmnt
Construction	National Insulation	$12,242	NFL Building attic floor repairs
Construction	National Insulation	$40,021	NFL Bldg. pipe and roof insulation
Construction	National Insulation	$3,854	Shinnecock planetarium paint
Construction	National Insulation	$12,550	BSC rest room renos. (2)
Construction	Branch Services	$3,515	Orient Bldg. asbestos abatement
Construction	Enviroscience	$6,429	Riverhead Bldg asbestos testing
Construction	Enviroscience	$1,961	Peconic, STP floor tile testing
Construction	Nickerson	$4,500	Brookhaven bleacher seat replmnt
Construction	National Insulation	$214,767	East Campus fascia removal
Construction	Trio Sheet Metal	$13,700	NFL bathroom exhaust replmnt
Construction	Parson's Floor	$4,581	Police Academy stair treads
Construction	Lowes	$19,608	Peconic 1st floor window shades
Construction	Lowes	$13,439	Peconic 1st floor ceilings
Construction	Wesco-Avon Electric	$15,840	Peconic 1st floor lighting
Construction	Milburn Flooring	$3,863	Shinnecock carpeting
Construction	Arcoat	$19,895	Grant Campus bathroom floors
Construction	Enviroscience	$900	PCB testing in 4 buildings
Construction	Enviroscience	$2,498	Asbestos Peconic 112,122,221
Construction	Enviroscience	$1,225	Kid's Cottage mold testing
Construction	Enviroscience	$274	Asbestos test Peconic& Orient
Construction	Enviroscience	$1,710	Asbestos test Plant Ops
Construction	Milburn Flooring	$1,580	Babylon faculty room carpet
Construction	Branch Services	$4,230	Asbestos abate. Peconic floor
Construction	National Insulation	$10,208	Kreiling Hall front entrance
Construction	Telcar Group	$14,765	Sagtikos bathroom partitions
Construction	Retrofit	$8,738	Ammerman Bldg. fire escapes
Construction	National Insulation	$202,213	Kid's Cottage floor & foundation
Construction	National Insulation	$2,807	HS&E gym floor repairs
Construction	National Insulation	$151,486	NFL bathroom renovations
Construction	Ravco	$219,575	Amm. Warehouse Gen. Const
Design	Liro	$45,094	Ammerman Warehouse design
Construction	National Insulation	$103,526	HS&E stair treads, tile, paint
Construction	Parsons Floor	$10,875	Huntington Library carpet repl.
Construction	National Insulation	$75,137	NFL Bldg. stucco and molding
Construction	National Insulation	$90,525	NFL power washing/resurfacing
Construction	National Insulation	$22,911	NFL chimney renovation
Construction	National Insulation	$4,543	Babylon loading dock repair
Construction	Telcar	$19,121	Caumsett toilet partitions repl.
Construction	Parsons	$752,079	HSE field house floor repl.
Construction	Norberto	$234,500	HSE pool plaster and tile repl.
Construction	Branch Services	$2,311	Huntington asbestos abatement
Construction	Simplex	$102,462	Childcare centers fire alarm repl.
Construction	Branch Services	$943	Warehouse asbestos abatement
Construction	Enviroscience	$1,393	Asbest. Orient, Brook., Caumsett

Construction	Parsons Flooring	$4,721	Carpet repl. Smithtown Room 118
Construction	Austin Interiors	$11,721	Ceiling repl. Smithtown Room 118
Construction	Branch Services	$8,210	Smithtown Room 118 asbestos
Construction	Home Depot	$4,351	Cabinets for Nursing, Riverhead
Construction	Medline	$3,291	Curtains for Nursing, Riverhead
Construction	Home Depot	$29,439	Grid/tile for Shinnecock ceiling
Construction	Parsons Flooring	$19,703	Huntington Dist. Ed. flooring
Construction	Austin Interiors	$33,127	Boiler room /exit doors, Smith/Riv.
Construction	North American Floor	$10,740	HS&E basketball court repair
Construction	Branch Services	$9,961	Asbestos abatement, Hunt. 13/14
Construction	Parsons Flooring	$8,179	North Bldg. flooring
Construction	Miller Proctor	$17,396	HS&E boiler room doors
Construction	Henrich	$7,398	Gasoline tank repairs Ammerman
Construction	Parsons Flooring	$3,857	New flooring North Cottage
Construction	Johnny Mica	$5,575	North Cottage furniture
Construction	Parsons Flooring	$4,811	North Bldg. carpet replacement
Design	Enviroscience	$4,201	Asbestos testing Smithtown Sci.
Construction	Parsons	$6,708	BSC Career Ctr. flooring
Construction	Jonny Mica	$2,440	Security dispatch furniture
Construction	Branch Services	$8,741	Asbestos abatement BSC RM 205
Construction	Parsons Flooring	$3,867	Huntington RM L16 flooring
Construction	Home Depot	$29,992	Shinnecock lighting/ceiling repl.
Subtotal		**$2,892,920**	

Total		**$31,027,955**	

Additional work College wide continues. Design and construction work proceeds simultaneous. Building envelopes, mechanical/electrical systems and hardscapes are of paramount concern. Current projects identified include the following:

Design Phase

Location	Scope	Scheduled	Est. Cost
Central Energy Plant Boilers	These two boilers are over 40 years old and supply heat to all Eastern Campus Buildings.	Summer 2018	$100,000
Huntington Library	Building renovation including ceilings, floors, windows, rest rooms and doors.	Summer 2017	$400,000
College Wide	Underground utility mapping	Summer 2017	$200,000
Grant Campus	Tennis court rehabilitation	Summer 2017	$60,000
College Wide	Next phase of major roof rehabilitations including Ammerman, Islip, Smithtown, Captree, Sagtikos, Autotech, Kreiling, HS&E and Nesconsett.	Summer 2017 Summer 2018	$400,000
Total			**$1,160,000**

Construction Phase

Location	Scope	Scheduled	Est. Cost
Ammerman Campus exterior pedestrian pathways	Repairs and replacements of deteriorated exterior stairs, sidewalks, ramps, handrails and guardrails.	Summer 2017	$750,000
Kreiling Hall Renovation	Complete renovation of the building. The original project budget of $3,480,000 was originally proposed in 1998. Additional funds are now needed to complete the work.	Winter 2018	$4,400,000
Central Energy Plant Boilers	These two boilers are over 40 years old and supply heat to all Eastern Campus Buildings.	Summer 2019	$1,000,000
Huntington Library	Building renovation including ceilings, floors, windows, rest rooms and doors.	Summer 2018	$4,500,000
Grant Campus	Tennis court rehabilitation	Summer 2018	$600,000
College Wide	Next phase of major roof rehabilitations including Ammerman, Islip, Smithtown, Captree, Sagtikos, Autotech, Kreiling, HS&E and Nesconsett.	Summer 2018 Summer 2019	$9,800,000
Total			**$21,050,000**

In addition, the College has identified approximately $3,220,000 in outstanding road and parking field repairs from an independent engineering survey/report. Some of this work can proceed using existing Suffolk County Department of Public Works (SCDPW) paving contracts.

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding.

Justification and Benefits

Various physical assets throughout the three campuses are in need of significant repairs and/or replacement including building exteriors, interiors, heating and cooling systems, and electrical systems as well as site utilities and hardscapes. These assets are critical to the operation of the College as they include heating systems, security lighting, building access and so forth. To delay addressing these needs would create an unsafe environment at the College. In 2009, the College spent over $360,000 of operating funds for emergency repairs to critical building systems that failed mid-semester including the Kreiling Hall fire alarm system, the Kreiling Hall boiler, the Health, Sports and Education Center hot water heaters and storage tank and the Riverhead Building Chiller. In 2010, the College spent over $2,250,000 to address critical infrastructure repairs including boiler and chiller replacements, burner and hot water heater replacements, patio and walkway repairs, retaining wall replacements, exterior stair repairs, roof repairs, window replacements and exterior door replacements. Of these 2010 expenses, $1,300,000 was funded from the College operating budget, $920,000 from NYPA energy service agreements and $32,000 from grant funding.

According to the SUNY report, the current total backlog of deferred capital maintenance at Suffolk Community College as of 2009 was $33.3 million. This figure includes $18.4 million for buildings and $14.9 million for infrastructure. The largest building backlog relates to exteriors (walls/door/windows) at $11 million. The largest infrastructure backlogs include landscape/hardscape at $6.7 million; roads at $2.3 million; and site lighting at $2.1 million. Over

the next 10 years an estimated $64.3 million in capital investment for buildings will be required to avoid any further accumulation of backlog. An investment of approximately $10.3 million/year over ten years would prevent the total backlog from growing. An investment of approximately $12 million/year would reduce the total backlog by 50% over the next ten years. Therefore, the investment strategy proposed by the College with this project represents the minimum funding required to keep the backlog of critical deferred maintenance from growing.

Should critical building systems fail, repairs and or replacements will need to be made on an emergency basis. This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) promotion of infrastructure improvements which increase efficiencies, streamline government operations and extend the useful life of existing infrastructure; (2) submission of projects which address critical health and safety needs; and (3) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

The replacement of aging mechanical and electrical units with more efficient systems will result in an operating budget savings, as will improvements to building envelopes.

4.0 Existing Capital Projects with Completed Authorizations

Mechanical/Electrical Upgrade at Huntington Library

Project No.
2105

Status
Construction

Location
Ammerman Campus

Description
This project addresses the renovation and modernization of the aging mechanical and electrical systems that are not energy efficient and cannot meet the building needs. Indoor air quality conditions are detrimental to both faculty and equipment. Mechanical and electrical systems will be upgraded to address these concerns.

Program Budget =	$1,880,000
Current Appropriations =	$1,880,000
Remaining Appropriations =	$0

Program Status
All County funds have been appropriated. All State funds have been bonded. The design phase is complete. The construction phase is substantially complete. Emergency power for the building heating system is pending. Major contract awards are as follows:

Lizardos Engineering Associates, P.C – $160,000
AWL – $1,386,392
Best Climate Control - $12,600
Boilermatic - $6,263
LEB Electric – $251,751
Johnson Controls - $6,150
Plumbco - $9,700

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists.

Justification and Benefits
The mechanical system can't maintain a safe environment. Excessively high humidity has damaged expensive electronic equipment, and makes control of mold and mildew difficult. The electrical distribution system must be upgraded to meet power demand. Resulting benefits include occupant comfort, preservation of materials and energy savings. Replacement of an aging single stage absorption chiller with a modern chiller will result in an energy savings of about 30%. Installation of an automated energy management system, high efficiency motors, and variable frequency drives will result in additional savings.

Operating Expenses and Revenue Estimates
NYPA retained Select Energy Services to conduct a campus wide evaluation to identify potential energy saving measures. The capital improvements associated with this project will result in an annual operating savings of approximately $48,148 according to this study.

Renovation of Kreiling Hall – Ammerman Campus

Project No.
2114

Status
Design

Location
Ammerman Campus

Description
Kreiling Hall was constructed in 1934 and needs significant renovation work. All labs and prep rooms have been relocated to the new Science, Technology and General Classroom Building. Kreiling Hall will be converted into academic and student service spaces. The LEED certification process will begin at the early stages of design. As this is a major renovation program, supporting capital projects may be used in conjunction with this project. These include CP2127, CP2131, CP2138, CP2140, CP2149, CP2152, CP2167 and CP2177.

Cost Summary

Design =	$ 300,000
Construction =	$3,080,000
F & E =	$ 100,000
Total =	**$3,480,000**

Program Status
All County funds have been appropriated. All State funds have been bonded. The building is currently unoccupied and not utilizing power or fuel. The design contract was awarded in February 2016. Schematic design is complete including code review. Programming will include Public Safety, Continuing Education, Career Services, International Students, Central Records, Central Admissions, Health Services, Veteran's Affairs, four general classrooms and a computer lab. The first phase of construction will be demolition to remove walls, abate asbestos and lead, and determine the condition of the building structure and HVAC systems. Demolition plans have been completed, a demolition permit has been issued and bids are due on February 28, 2017. Demolition is anticipated to take two to three months after contract award. Renovation construction documents are proceeded simultaneously. Major contract awards are as follows:

William F. Collins – $253,500 Enviroscience - $8,060

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits
Several major building systems have failed in the last 5 years including the fire alarm system and one of the building boilers. Replacements of these systems cost over $145,000, which was paid from the College's operating budget and executed on an emergency basis. The building is in need of significant renovation work in order to maintain its use and the safety of its users. This project will modernize the facility, and enable the College to better utilize existing space and will increase the instructional capacity of the campus.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) promotion of

infrastructure improvements which increase efficiencies, streamline government operations and extend the useful life of existing infrastructure; (2) submission of projects which address critical health and safety needs; and (3) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

Increased revenues would be a function of student enrollment. It is anticipated that energy savings will result as building systems are modernized according to LEED certification requirements.

Health and Sports Facility – Eastern Campus

Project No.
2120

Status
Design

Location
Eastern Campus

Description
Construct a new gymnasium building that includes a basketball court, locker rooms, shower rooms, faculty offices, strength training, a swimming pool, a rock climbing wall and classrooms. The building will serve as a health and wellness center for both the campus and surrounding communities. The LEED certification process will begin at the early stages of design. As this is a new building, supporting capital projects may be used in conjunction with this project. This includes CP2140.

Programming		Costs	
Category	SF	48,817 square feet @ $210/sqft	$10,251,696
2 Classrooms / 1 Multipurpose Room	2880	Admin costs and fees (15%)	$1,537,754
Office Space	400	FF&E (20%)	$2,050,339
Lobby	1100	Sub Total	$13,839,789
Gymnasium	12,895	Owner Contingencies (8%)	$1,107,183
Locker rooms	2,000	**Total Cost (2004 dollars)**	**$14,946,972**
Pool	8582		
Strength Training	1,500		
Aerobics room	1154		
Net Total	**30,511**		
Grossing factor	1.6		
Gross Area	**48,817**		

Year	Inflation Rate
2005	3%
2006	2.4%
2007	2.4%
2008	2.4%
2009	2.4%
2010	2.4%
2011	2.4%

Inflation rates were approximated based on local Long Island Trends.

Cost Summary (year 2011)

Design =	$ 1,000,000
Construction =	$14,750,000
F & E =	$ 2,000,000
Total =	**$17,750,000**

Program Status

All County funds have been appropriated. All State funds have been allocated. Construction bids were received in February 2017 and are being evaluated. Major contract awards are as follows:

Wiedersum Associates – $867,625 Liro - $7,377 Vollmuth & Brush - $10,000
Soil Mechanics - $9,975 WSP - $27,500

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

The Eastern Campus does not have any true athletic space. A limited number of classes are held outdoors but there are no locker rooms and no place for the students to shower. The building will be used for physical education classes, athletics and recreation. It will be made available to community residents for recreational use and will allow the Eastern Campus to serve as a complete academic center for eastern Suffolk.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

Anticipated expenses in the first year of operation total $379,057 as follows:

Operating Expenses – Staffing

Based on a facility in the range of 50,000 sq. ft., the following staffing requirements are anticipated:

Physical Education Instructor $62,054

Two Professional Assistant I $43,738
To oversee program activity within the facility. Responsible for the safe operation and maintenance of swimming pool equipment and area, weight training facility, etc. Also involved in coordination of ancillary staff and compliance with sanitary code regulations.

Principal Clerk Typist I $28,268 (12 month position)
To coordinate clerical responsibilities

Custodian I (day) $28,281 (day rate/12 month position)
This facility would increase campus custodial needs.

Custodian I (evening) $31,109 (eve rate/12 month position)
This facility would likely support evening activities, requiring additional custodial staffing.

If the building opens in 2018:

Total Salary Costs	= $237,188
Benefits @ 35%	= $ 83,016
Total Staffing Costs	**= $320,204**

Operating Expenses – Utilities

Electricity

The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC.

Estimated annual usage for new building = (3.78 kw-hrs/sf)*(40,214 sf) = 152,009 kw-hrs

Current electrical unit costs average $0.148 per kw-hrs. Therefore,

Annual electrical cost for new building = (152,009kw-hrs)*($0.148 per kw-hrs) = $22,497

Heat

East Campus 2016 annual fuel consumption was 85,850 gallons of #2 fuel oil. At $1.30/gal (Avg. 2016 rate) = $111,605/year

Cost per square foot = $\frac{\$111,605}{180,511}$ = $0.62/sqft/year

Cost for new building = ($0.62)(40,214) = $24,933

Total Utility Expense = $47,430 (year 2017dollars)

Assuming 3.0 percent annual increase:

= $47,430* (1.03) = **$48,853 (year 2018 dollars)**

Operating Expenses – Supplies and Materials

Total Supplies and Materials = $10,000

East Campus Gym – Supplemental Information

1. Air Conditioning
   - The cost per square foot used to calculate the construction cost of the building includes providing air conditioning throughout the building.
   - The electric costs calculations are based on average campus usage per square foot. Since all the buildings on the campus are air conditioned, these costs include air conditioning.

2. Existing Physical Education Faculty at the East Campus
   - One (1) professor of physical education – teaches seven sections, day

- Three (3) adjuncts – teach four sections, day
- Four (4) adjuncts – teach four sections, evening

3. Meeting Physical Education Requirements in Winter Months (without a gymnasium)
   - In order to meet the credit hour requirements for an outside class, the class will start later in the spring semester but meet for more hours per week to make up the difference. Conversely, class will meet more often in the fall semester and end before it gets too cold.
   - When it rains, classes must be moved to an available classroom where you really can't do anything.
   - The selection of courses is limited:
     - Fitness walking, jogging and fitness, wellness, volleyball, Latin dance, soccer (limited) – taught in classrooms if needed
     - Yoga – taught in the cafeteria

Removal of Architectural Barriers/ADA Compliance

Project No.
2127

Status
Design and Construction

Location
All Campuses

Description
The College commissioned a survey in 1996 of its existing facilities to conform to the requirements of students with special needs and to comply with the Americans with Disabilities Act. This project allows for the implementation of the work proposed in the survey, which will be updated based on current conditions and regulations. To take advantage of logistical efficiencies and economies of scale, this project will support other planned building renovation work including work covered under CP2114, CP2118, CP2138, CP2143, CP2149, CP2152, CP2165, CP2181, CP2187 and CP2192.

Cost Summary (year 2004)

Design =	$ 150,000
Construction =	$3,000,000
Total =	**$3,150,000**

Program Budget =	$3,150,000
Current Appropriations =	$3,150,000
Remaining Appropriations =	$0

The design phase includes a complete survey of all College facilities, inside and out, to identify all areas in need of upgrades to comply with the ADA legislation. The study will be supplemented by input from the ADA community as well as any findings of the current New York State Civil Rights Compliance Review. The construction phase will be used to implement the physical corrections identified.

Program Status
All County funds have been appropriated. All State funds have been allocated. The new survey of all College buildings and grounds was completed in 2012. In the summer of 2012, construction of ADA improvements were completed in the Southampton Building, the second floor of the Peconic Building, and on the Ammerman Campus East Road. Construction in the Riverhead Building was completed in the summer of 2013 and 2014. Additional ADA improvements will proceed College wide based on the work remaining in the updated survey and the results of the on-going New York State Civil Rights Compliance Review. The new review requires an additional survey of all buildings and grounds. It began in October 2016 and is anticipated to finish by March 2017, to be followed by any required physical improvements. Major contract awards are as follows:

FPM Engineering - $78,500
GII Construction - $154,875
All Service Electric - $55,973
Norman Kurrass- $158,916
Jadeco - $9,182
LiRo - $15,542
SJ Hoerning - $290,542
Maccarone Plumbing - $25,000
E&A Restoration - $1,158,300

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits

All three campuses are in need of interior and exterior improvements to facilitate mobility and use by students and faculty with special needs. This project will implement these physical improvements and be used to comply with the New York State Civil Rights Compliance Review.

Operating Expenses and Revenue Estimates

Significant impacts on operating expenses and revenues are not anticipated for this project.

Fire Sprinkler Systems and Water Distribution Infrastructure Improvements –Ammerman Campus

Project No.
2129

Status
Construction

Location
Ammerman Campus

Description
Presently, the older buildings on the campus are not sprinklered. In order to correct this deficiency, this project would first provide additional water pressure and capacity for both existing and future fire fighting systems. This will then allow additional buildings to be sprinklered under this project. As this project will result in sprinkler systems in the Southampton Building, Ammerman Warehouse and Islip Arts Building, it may be performed in conjunction with CP2138, CP2149, CP2165 and CP2180.

Program Budget =	$1,068,526
Current Appropriations =	$1,068,526
Remaining Appropriations =	$0

Water pressure and flow needs for additional fire sprinklers will be assessed. Once water pressure is improved fire sprinkler systems will be designed on a priority basis with input from the Suffolk County Fire Marshal. The construction phase will implement water distribution system improvements and add sprinkler systems as the budget allows.

Program Status
All County funds have been appropriated. All State funds have been allocated. The design report outlining fire sprinkler needs and corresponding water pressure and flow demands is completed. The Suffolk County Water Authority (SCWA) designed and constructed water main additions to increase water flow and pressure. Building sprinkler system design work has been completed for the Southampton Building, the Warehouse and the theater storage area in the Islip Arts Building. Construction for the Southampton Building was completed in 2012. Construction for the Warehouse was completed in 2016. Final construction documents for the Islip Arts Building costume shop are pending. Major contract awards are as follows:

Lizardos - $100,000
All Service Electric - $1,215
SCWA - $299,557.77
Ultimate Power - $400,000

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative Resolution.

Justification and Benefits
This project will allow for the eventual installation of fire sprinklers in buildings that are not currently sprinklered.

Operating Expenses and Revenue Estimates
The project is designed to reduce liability and protect assets, students and staff.

Environmental Health and Safety

Project No.
2131

Status
Planning and Construction

Location
All Campuses

Description
This project addresses numerous health, safety and environmental concerns on all campuses. The EPA has embarked on a strict enforcement policy on the nation's universities. Audits of universities are currently being conducted and fines issued. In order to address known concerns this project is critical. This project may be used in conjunction with building renovation and infrastructure projects including CP2109, CP2114, CP2118, CP2138, CP2149, CP2165, CP2180, CP2182 and CP2206.

Program Budget =	$600,000
Current Appropriations =	$600,000
Remaining Appropriations =	$0

The design phase includes the preparation of required compliance reports and designs for upgrades to our chemical bulk storage (CBS) facilities. These items were identified in a self-audit of EPA and NYSDEC regulations. The construction phase will be used to build the CBS improvements and correct other deficiencies identified in the self-audit.

Program Status
All County funds have been appropriated. All State funds have been allocated. The EPA self-audit report findings and corrective actions have been completed. The gasoline tanks at the Ammerman Campus have been repaired. Additional environmental improvements beyond the scope of the audit will also be addressed by this project. Major contract awards are as follows:

Fenley and Nicol – $112,000	AMMA Construction – $337,000	Holzmacher – $14,373
Power Pro – $7,000	Cameron Engineering – $37,900	Bensin – $5,774
Grainger – $2,690	USA Bluebook – $6,906	Pure Process – $3,580
Aarco - $9,146	Henrich - $5,239	

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative resolution.

Justification and Benefits
This project is necessary to provide a safe environment for students, staff and visitors and to ensure complete compliance with all EPA, OSHA, NYSDEC, SCDHS and other regulations. The EPA has been auditing Colleges and imposing substantial fines for regulatory non-compliance.

Operating Expenses and Revenue Estimates
This project will result in a cost avoidance of potential fines.

Improvements/Replacements to Roofs at Various Buildings

Project No.
2137

Status
Construction

Location
All Campuses

Description
This project addresses the critical need for roof replacement in order to preserve the College's infrastructure. This project may be used in conjunction with CP2114, CP2149, CP2165, CP2177, CP2180 and CP2182.

Program Budget =	$1,500,000
Current Appropriations =	$1,500,000
Remaining Appropriations =	$0

Program Status
All State funds have been bonded. All County funds have been appropriated. Replacement/repairs of the Brookhaven Gymnasium, Riverhead Building, Ammerman Building, Huntington Library and Kreiling Hall roofs and all Eastern Campus roofs are complete. No construction funding remains. Remaining design funding will be used for the next series of roof replacements. Major contract awards are as follows:

Marfi Contracting – $194,880 Statewide Roofing - $318,541 BBS - $120,300
State Wide Roofing - $835,282

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative Resolution.

Justification and Benefits
College buildings are aging, and significant leaks require more then patch work.

Operating Expenses and Revenue Estimates
This project will not affect operating expenses or revenue.

Installation of Cooling Systems – College Wide

Project No.
2138

Status
Construction

Location
College Wide

Description
This project provides funding for the installation of cooling systems in College buildings which are currently not air conditioned. It also replaces some portions of existing HVAC systems that are over 40 years old and in poor condition. This will include, but is not limited to, the Riverhead Building and the Southampton Building. The LEED certification process will begin at the early stages of design. As this program involves major renovation work, it may be used in conjunction with CP2114, CP2118, CP2127, CP2129, CP2131, CP2149, CP2165, CP2206 and CP2302.

Based on air conditioning costs for the Smithtown Science Building completed in 2004, and the amount of existing ductwork and ventilation in the Riverhead and Southampton Buildings, unit construction costs are estimated at $33 per square foot. Assuming construction cost inflation per year of 2.4%, based on Long Island trends, overall project costs are as follows:

Riverhead/Southampton = 188,700 sf. x $33/sf = $6,227,000
Construction Inflation = $6,227,000 x (1.024^5) = $7,000,000 (2010 cost)

Cost Summary (year 2010)

Design =	$ 550,000
Construction =	$7,000,000
Total =	**$7,550,000**

Program Status
All State funds have been bonded. All County funds have been appropriated. A design contract was awarded in September 2011. Construction for the Southampton Building was completed in the summer of 2012. Construction for the Riverhead Building was completed in the summer of 2013 and 2014. New air conditioning for the College mainframe was awarded in December 2016 and is in progress. Major contract awards are as follows:

All Service Electric - $32,212
Maccarone Plumbing - $11,000
E&A Restoration - $5,087,000
Ultimate Power - $1,555,000
National Insulation - $22,713
Emtec - $399,750
Comm. Instr. - $26,400
CDW-G - $31,494

Aid and Approval Requirements
This project receives 50 percent State Aid and 50 percent County funding. SEQRA approval is also required

Justification and Benefits
This project provides air conditioning for classrooms and laboratories that are used year round, including summer. The project will correct existing indoor air quality issues.

Operating Expenses

Energy cost to provide air conditioning in 153,400 square feet of space not currently air conditioned:

(153,400 square feet)(7KWH/sfyr)($.144KWH) = $154,627 per year (2017 costs)

Security Notification – College Wide

Project No.
2140

Status
Equipment

Location
College Wide

Description
The federal government, SUNY and countless other academic institutions have reviewed campus practices and issued recommendations to improve emergency notification and response to enhance the safety and security of college communities. This project seeks to implement the redundant notification recommendations taken from the SUNY report. To take advantage of logistical efficiencies and economies of scale, this project may be used in conjunction with CP2114, CP2118, CP2120, CP2127, CP2129, CP2138, CP2149, CP2159, CP2165, CP2174, CP2180, CP2181, CP2182, CP2189, CP2206 and CP2207.

Program Budget =	$1,250,000
Current Appropriations =	$1,250,000
Remaining Appropriations =	$ 0

Program Status
All State funds have been bonded. All County funds have been appropriated. Building notification systems are approximately 90% complete. This includes the following buildings:

Ammerman Campus	Grant Campus	Eastern Campus
Brookhaven Gym	Caumsett Hall	Woodlands Building
Babylon Student Center	Nesconset Building	Corchaug Building
Huntington Library	Paumanok Building	Culinary Center
Southampton Building	Sagtikos Building	LIU East
The Annex	Sally Ann Slacke	Orient Building
Auto Tech Building	Plant Operations	Peconic Building
Islip Arts Building	Ashroken Building	Shinnecock Building
Riverhead Building	Captree	
Smithtown Science Building	Workforce Building	
Ammerman Building	Center Cottage	
Kreiling Hall	North Cottage	
North Building	South Cottage	
NFL Building	Kid's Cottage	
Guard Booth		
Childcare Center		
William J. Lindsay Life Sciences Bldg.		

Installation of the remaining active notification systems will proceeding around College operations. Design concepts for external notification systems are currently being evaluated, starting with the Eastern Campus. Building electronic signage systems are approximately 65% complete. This includes the following buildings:

Ammerman Campus	Grant Campus	Eastern Campus
Brookhaven Gym	Sagtikos Building	Peconic Building
Babylon Student Center	Captree Commons	Shinnecock Building

Huntington Library
Southampton Building
Ammerman Building
Auto Tech Building
NFL Building
William J. Lindsay Life Sciences Bldg.
Caumsett Hall
Ashroken Building
Nesconset Building
Health, Sports & Edu. Ctr
Orient Building
Corchaug Building
Culinary Center
Central Energy Plant
Montaukett LRC

Installation of the remaining passive notification systems will proceed around College operations.

Major contract awards are as follows:

Converged Technology Group - $328,941
Data Path - $34,005
Simplex Grinnell - $20,820
WT Communications - $22,944
E-Plus - $91,596
Adware Video – $24,740

Aid and Approval Requirements

The 2010 and 2011 appropriations receive 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

The SUNY Chancellor's Task Force on Critical Incident Management issued a report on May 11, 2007 regarding the effectiveness of campus responses to emergencies. The report recommendations regarding communication technology focuses on redundancy of mass notification systems which can rapidly disseminate alerts via both audible and visual means. At least one means of communication is recommended for each of the following categories: (1) Active Broadcast (i.e. siren, public address system), (2) Passive Broadcast (i.e. close circuit television, e-mail, website), (3) Individual (i.e. cell phone, instant messaging, text messaging). Interior public address systems, exterior public address systems and an electronic signage system would satisfy both active and passive broadcasts, allowing the College to communicate to thousands of people during a crisis situation.

Operating Expenses and Revenue Estimates

There are no significant impacts on the operating budget.

Renewable Energy and STEM Center – Grant Campus

Project No.
2141

Status
Planning

Location
Grant Campus

Description
This building will act as a showcase for the merits of renewable energy, provide a facility where the installation, repair and maintenance of renewable energy systems can be taught and create an opportunity to combine research from other colleges and universities with SCCC's expertise in training. The building will house laboratories and classrooms where renewable energy and energy conservation technologies can be taught and evaluated. These spaces will be used for renewable energy training and for other STEM (science, technology, engineering and mathematics) related courses. Incubator space will be provided for institutions and organizations that are developing new marketable technologies, including energy and digital. Cybersecurity educational opportunities will be an essential component for workforce programs, degree and continuing education students. In addition, potential partnerships with universities in research and development initiatives in this field will serve as venues for SCCC STEM student interns. Cybersecurity training is a priority at both a State and Federal level.

The building is also intended to serve as the operational hub of the College's growing energy management efforts, connecting digitally to buildings on all three campuses, and optimizing efficient use of all college resources. Utilizing the existing built environment as a "living laboratory" for instruction, provides an excellent real-world learning opportunity for students and has the added benefit of long term financial savings and enhanced institutional sustainability.

The building will be designed as a "Net Zero Energy Building". The energy required to illuminate, heat, cool and ventilate the building will be equal to or less then the energy produced from renewable sources.

Programming		Costs	
Category	SF	33,792 sf @ $400/sf includes construction and basic FF&E	$13,516,800
Project, exhibit and operational space	3,840	100KW wind system	$550,000
Laboratory space	4,000	150KW solar PV system	$900,000
Office suite	780	Geothermal system	$500,000
Mechanical room	600	Sub Total	$15,466,800
Incubator space	6,000	Specialized equipment (5%)	$773,340
Cyber security lab	1,500		
Storage	1,000	Owner Contingencies (8%)	$1,237,344
Computer classroom	850	Construction Total	$17,477,484
Double classroom	1700	Design	$900,000
Single classroom	850	Total Cost (2013 dollars)	$18,377,484
Net Total	21,120		
Grossing factor	1.6		
Gross Area	**33,792**		

Assuming an annual inflation of 3 percent:

Cost Summary (2015 dollars)	
Design =	$ 900,000
Construction =	$17,900,000
F & E =	$ 700,000
Total =	**$19,500,000**

Program Status
All funding has been appropriated. The design was awarded in October 2016 and a contract is being finalized.

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits
This project continues the College's efforts to support and assist domestic manufacturing with a focus on green technologies by providing an educational environment for the design, installation, repair, maintenance and evaluation of sustainable energy management systems. The Center will (1) create a workforce educated in the design, testing and implementation of sustainable technologies, (2) act as an incubator for companies to design and build green products, (3) allow for research, development and manufacturing of emerging products to come together in one location by pairing research from other universities with SCCC's STEM and workforce programs.

Classroom and laboratory space in the Center will accommodate courses in energy efficiency, renewables and STEM curriculum for both credit and non-credit programs. SCCC students will be exposed to experiential, active-learning opportunities while working with resident researchers, an experience that dramatically increases college persistence, transfer and completion rates. These students will be uniquely positioned to enter Long Island's STEM workforce and contribute to the local economy.

Letters of support for this new center have been received from the Long Island Regional Economic Development Council, Stony Brook University, Brookhaven National Laboratory, Senator Kenneth LaValle, County Executive Steve Bellone, Presiding Officer of the County Legislature DuWayne Gregory, Former Presiding Officer of the County Legislature William Lindsay, Deputy Presiding Officer of the County Legislature Jay Schneiderman, Former Deputy Presiding Officer of the County Legislature Wayne Horsley and Chairperson of the County Legislature's Committee on Education and Information Technology Sarah Anker.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates
There will be a positive operating budget impact based on projected expenses and enrollment. The net gain in revenue in the first year of operation is estimated to be $118,514. In addition, this is a net zero energy building. Construction of this building will result in a net energy savings for the Grant Campus.

Operating Expenses – Staffing

The following staffing requirements are anticipated for the first year of operation:

Program Coordinator / Lead Instructor	$76,106

Professional Assistant	$43,738
Principal Stenographer I	$28,268 (12 month position)
Custodian I (day)	$28,281 (day rate/12 month position)
Custodian I (evening)	$31,109 (eve rate/12 month position)

Additional instruction would be provided utilizing adjuncts and overload estimated at $32,400 per year.

If the building opens in 2018:

Total Salary Costs	= $239,902
Benefits @ 35%	= $ 83,966
Total Staffing Costs	**= $323,868**

Operating Expenses – Utilities

The following calculations demonstrate that the Center as proposed will be a "Net Zero Energy Building".

Energy Used

The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC. The Grant Campus does not have a central energy plant so this per square foot electrical usage should be increase by 20 percent to account for the electrical load associated with boilers and chillers.

3.78 kw-hrs/sf * 1.2 = 4.54 kw-hrs/sf

This figure doesn't include the electrical load from specialize laboratory equipment. Therefore, use the following:

Electrical (lighting, cooling, ventilation, equipment) = 5.0 kw-hrs/sf/yr

Based on the proposed size of the Center:

Building electrical (lighting, cooling, ventilation, equipment) = 5.0 kw-hrs/sf/yr * 33,792 sf = 168,960 kw-hrs/yr

A well insulated building has annual temperature control needs as follows:

Heating = 49,000 BTU/sf/yr

Based on the proposed size of the Center:

Building heating = 49,000 BTU/sf/yr * 33,792 sf = 1,655,808,000 BTU/yr

Utilizing a geothermal heat pump for the new Center:

1,655,808,000 BTU/yr = 485,574,194 watt-hr/yr
3.41 BTU/watt-hr

Assuming a coefficient of performance (COP) of 6 for the geothermal heat pump:

(485,574,194 watts/yr) / 6 = 80,829,032 watt-hr/yr = 80,929 kw-hrs/yr

Total Energy Used = 168,960 kw-hrs/yr + 80,929 kw-hrs/yr**= 249,889 kw-hrs/yr**

Energy Produced
Given the region where the Center will be located, the equivalent energy produced from solar panels is equal to the maximum capacity of the system operating 5 hours per day. Therefore:

Solar energy produced = 150 kw capacity * 5 hrs/day * 365 days/yr = 273,750 kw-hrs/yr

According to LIPA, a wind system with a capacity of 100 kw located in the region where the center will be located should be able to produce 157,555 kw-hrs/yr. Therefore;

Total Energy Produced = 273,750 kw-hrs/yr + 157,555 kw-hrs/yr**= 431,305 kw-hrs/yr**

Projected Energy Revenue
At $0.144/kw-hr:

(431,305 kw-hrs/yr – **249,889** kw-hrs/yr) * $0.144 = **$26,123**

Operating Expenses – Supplies and Materials

Total Supplies and Materials = $10,000

Projected Enrollment Revenue
The College estimates a first year enrollment at the Center of 260 students, primarily associated with the green technologies curriculum.

Year	Students	Credits	FTE	Tuition	Fees	State Aid	Total
2018	260	1040	34.7	279,810	49,213	97,236	$426,259

Notes:
1. College tuition and fees were increased 4% per year and State aid was increased 4% in the above table.
2. It is assumed that enrollment will comprise of 70 percent residents and 30 percent non-residents.
3. It is estimated that each student takes 4 credits per year.
4. All revenues listed in these notes are based on spring 2017 tuition and fees and State aid.
5. Part time tuition is $199 per credit for residents and $398 per credit for non-residents.
6. Assume $182 in student fees per year.

Traffic Circle – Ammerman Campus

Project No.
2143

Status
Design

Location
Ammerman Campus

Description
The absence of effective traffic management at the main intersection on the Ammerman Campus is a significant safety concern. This project will result in design and construction of a permanent traffic circle at this location. This reconfiguration will alleviate traffic delays and improve traffic safety for students, staff and community residents. As this is a roadway improvement program, supporting capital projects may be used in conjunction with this project. These include CP2127, CP2149 and CP2152.

The design cost estimate includes a survey, soil borings, plans and specifications. The construction cost estimate includes grading, pavement, curb, striping and symbols, signage and landscaping.

Cost Summary (2013/14)

Design =	$ 50,000
Construction =	$450,000
Total =	**$500,000**

Program Status
All funding has been appropriated. A design contract was awarded in February 2016. In January 2017, 90% construction drawings were received and are currently under review. The construction will required significant road closures on the Ammerman Campus and is therefore being planned for summer session 2017. Construction will be completed in conjunction with the Lot #5 parking field expansion adjacent to the intersection of West and North Roads. Major contract awards are as follows:

RBA - $50,000

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits
The tee intersection between West Road and North Road represents a significant traffic and driver safety issue. Two of the three main entrances, both off of Nicols Road, intersect at this location with no traffic management device other than a stop sign for West Road. In its current configuration, the volume of cars utilizing this intersection results in queues which extend beyond the campus property line and onto both Nicols Road and South Coleman Road. These queues also affect any campus parking fields that are adjacent to the intersection. Extended delays are experienced daily. Security forces must often be dispatched to manually manage traffic flow at this intersection. Both the traffic delays and safety concerns are exacerbated by poor sight lines at this location due to changes in topography. Drivers attempting to access North Road from West Road cannot see oncoming vehicles.

The College commissioned a traffic study which analyzed traffic characteristics on campus, including this problematic intersection. The study determined that a modern roundabout or traffic circle was the best solution to improve traffic flow and safety given that peak traffic volumes observed from each approaching leg to this intersection are similar. The modern roundabout will address several driver issues that were observed including sub-standard sight lines, high accident rates, driver confusion and long queues. By comparison, it was determined that a multi-way stop sign or traffic signal were not feasible solutions as neither addressed the poor sight lines and long queues.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which address critical health and safety needs; and (2) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

There are no significant impacts on the operating budget.

Plant Operations Building – Grant Campus

Project No.
2144

Status
Design

Location
Grant Campus

Description
The Plant Operations Department currently occupies two buildings originally constructed in the 1930s. Both buildings suffer from significant deterioration and are inadequate to effectively house campus facility services and storage needs. A new building will be constructed to consolidate and relocate campus Plant Operations. The LEED certification process will begin at the early stages of design.

The two existing buildings house storage areas for operations equipment and materials including grounds equipment; the grounds shop; the painters shop; the carpenters shop; approximately 10 offices; locker rooms, showers and break rooms. These spaces would be relocated and centralized. Once completed, the two original buildings would be demolished and the original site would be renovated to improve the existing parking area and associated landscaping. Cost estimates are as follows:

Programming		Costs	
Category	Unit	10,200 gross square feet @ $45/gsf. for demolition	$459,000
Approximate size of existing bldgs.	10,200 gsf	12,000 gross square feet @ $110/gsf. for construction	$1,320,000
Proposed size of new bldg.	12,000 gsf	55 parking spaces @ $5,000 per space	$275,000
Size of existing site	32,000 gsf	Original site restoration @ $2/gsf	$64,000
New parking spaces required	55	Subtotal 1	$2,118,000
		Admin costs and fees (18%)	$381,000
		FF&E (20%)	$424,000
		Subtotal 2	$2,923,000
		Owner Contingencies (8%)	$234,000
		Total Cost (2012 dollars)	$3,157,000
		Inflation @ 3% per year	$192,000
		Total Cost (2014 dollars)	$3,349,000

Cost Summary

Design =	$ 250,000
Construction =	$3,000,000
F&E =	$ 400,000
Total =	**$3,650,000**

Program Status
A design contract was awarded in September 2016. Preliminary design is complete including space programming, floor plans and preliminary code review. Bidding for construction is anticipated for the Fall of 2017. Major contract awards are as follows:

Tetra Tech - $227,000

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

The two Plant Operations buildings were occupied when the campus was first established in 1974. Since that time the Grant Campus has grown significantly without any corresponding expansion, development or renovations to these two structures. Both buildings lack fire alarms, appropriate access and restroom facilities. A new building will not only centralize the Plant Operations Department with a properly apportioned facility, but also avoid the expense associated with renovating the existing buildings.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which address critical health and safety needs; and (2) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

As this is a relocation of existing services in aging facilities into a new facility of roughly equal size, there will be an energy savings from the use of modern equipment and technologies.

Warehouse Building – Eastern Campus

Project No.
2145

Status
Design

Location
Eastern Campus

Description
The Eastern Campus has no true warehouse and receiving space. Receiving for the campus is conducted at the Cafeteria loading dock and transported directly to end users. This project would construct a warehouse and receiving area for the Eastern Campus.

This structure will include a loading dock with paved access. Cost estimates are as follows:

Programming		Costs	
Category	Unit		
Proposed size of new bldg.	4,000 gsf	4,000 gross square feet @ $100/gsf. for construction	$400,000
		Admin costs and fees (20%)	$80,000
		FF&E (15%)	$60,000
		Subtotal	$540,000
		Owner Contingencies (10%)	$54,000
		Total Cost (2012 dollars)	$594,000
		Inflation @ 3% per year	$36,000
		Total Cost (2014 dollars)	**$630,000**

Cost Summary

Design =	$ 50,000
Construction =	$570,000
F&E =	$ 60,000
Total =	**$680,000**

Program Status
All funds have been appropriated. A proposed location and programming needs for the new facility have been identified. Evaluation of expanding the existing Central Energy Plant rather than constructing a new stand-alone structure is being evaluated. Design services will be retained in 2017 to produce construction contract documents and specifications. An RFP is pending.

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits
The Eastern Campus was first established in 1977 and has grown significantly since its inception. Due to budgetary limitations present during original development of the campus, several ancillary structures such as receiving and warehouse space were never constructed. Dedicated receiving and warehouse space is needed for effective operations and proper safeguarding of valuable campus resources. Improper storage of campus materials within existing buildings has been

cited by the Fire Marshal's Office on numerous occasions. Alternative storage options such as rental of modular units has proven impractical and costly.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which address critical health and safety needs; and (2) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

Anticipated expenses in the first year of operation total $5,509 as follows:

Electricity

The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 155,297 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC.

Estimated annual usage for new building = (3.78 kw-hrs/sf)*(4,000 sf) = 15,120 kw-hrs

Current electrical unit costs average $0.148 per kw-hrs. Therefore,

Annual electrical cost for new building = (15,120 kw-hrs)*($0.148 per kw-hrs) = $2,238

Heat

East Campus 2016 annual fuel consumption was 85,850 gallons of #2 fuel oil. At $1.30/gal (Avg. 2016 rate) = $111,605/year

Cost per square foot = $\frac{\$111,605}{180,511}$ = $0.62/sqft/year

Cost for new building = ($0.62)(4,000) = $2,480

Total Utility Expense = $4,718 (year 2017 dollars)

Assuming 3.0 percent annual increase:

= $4,718 * (1.03) = **$4,860 (year 2018 dollars)**

Parking Expansion – Ammerman Campus

Project No.
2152

Status
Design

Location
Ammerman Campus

Description
Current enrollment exceeds parking capacity at the Ammerman Campus. This project will reconfigure and expand existing parking fields to increase capacity and improve vehicular and pedestrian traffic flow. This project may be used in conjunction with CP2114, CP2127, CP2143, CP2149 and CP2174.

Costs to expand grade level parking capacity are significantly less expensive and less disruptive to campus operations then constructing elevated parking spaces (i.e. a parking structure). Parking structure construction costs per space in New York are over $20,000 as estimated by transportation cost and benefit studies. By comparison, local estimators approximate at grade parking spaces to cost between $4,000 and $6,000 per space depending on topography. These estimates include the costs of grading, drainage, lighting, curbs, asphalt and striping. In addition, constructing a parking structure over an existing parking field would result in the loss of those parking spots for the duration of the construction. Whereas expanding and/or reconfiguring existing parking fields is far less disruptive and with shorter construction periods as individual lots can be done in the course of a summer.

Based on the layout of the existing parking fields on the Ammerman Campus, approximately 500 additional spaces could be constructed. This results in an increase in parking capacity of over 13 percent. Using a construction estimate of at least $6,000 per space to incorporate inflation, results in a total construction cost of $3,000,000. Based on SUNY guidelines, a design fee of 6 percent is recommended. With the addition of a survey phase, we recommend a design component of $240,000. Therefore, the total estimated cost for this project is $3,240,000. Constructing additional at grade parking is far more cost effective then constructing an elevated parking structure.

Cost Summary

Design =	$ 240,000
Construction =	$3,000,000
Total =	**$3,240,000**

Program Status
All funding has been appropriated. A design contract was awarded in February 2016. In January 2017, 90% construction drawings for Phase One were received and are currently under review. The construction will required significant road closures on the Ammerman Campus. Phase One construction includes the Lot #5 parking field expansion and will be completed in conjunction with the new traffic circle planned for summer session 2017. Phase Two will involve the Lot #3 parking fields and is planned for summer session 2018. Major contract awards are as follows:

RBA - $220,600

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

A study of traffic calming and safety performed in 2010 indicated that in September of 2009 every field accessible from the outer roads was completely full and had significant illegal parking on grass or in unmarked areas. The study also indicated that "many of the parking fields on campus have a circulation pitfall, in that their aisles end in a dead end. If a driver can't find an available space, they need to turn around in very tight maneuvers, which is not the optimal scenario".

Clearly the population at the Ammerman Campus has exceeded the current campus parking capacity. The head count for the 2016 fall semester at Ammerman was over 15,400 students, and there are only 3,700 parking spaces. The study also identified design issues with existing parking lots that cause lines of vehicles entering the lots to spillover on to the roadways blocking traffic. Other design issues lead to inadequate sight distances that make it difficult for drivers exiting the fields to see gaps in the roadway traffic and judge when to move. These observations indicate that the current configuration of campus parking fields is both inefficient from a capacity and egress perspective and potentially unsafe.

This project will increase the number of parking spaces, correct parking lot circulation pitfalls, improve traffic flow on college roads and within parking lots and improve sight distances. In doing so, these improvements will reduce the number of vehicular accidents and increase the parking capacity of the Ammerman Campus. Parking fields will be modified and expanded with proper drainage, lighting, curbs, paving, striping and signage.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) promotion of infrastructure improvements which increase efficiencies, streamline government operations and extend the useful life of existing infrastructure; (2) submission of projects which address critical health and safety needs; and (3) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

There are no significant impacts on the operating budget.

Capital Improvements to New and Existing Facilities – College Wide

Project No.
2153

Status
Funding is State aided and fully appropriated.

Location
College Wide

Description
This project was established to address College needs not funded in its current capital budget and program nor its operating budget. This project can be used in conjunction with other existing College capital projects.

Cost Summary

Construction =	$500,000
FF&E =	$500,000
Total =	**$1,000,000**

Program Status
Existing capital projects that could benefit from supplemental funding include the new Health and Wellness Center at the Eastern Campus (CP2120), the Learning Resource Center at the Grant Campus (CP2159) and the Kreiling Hall Renovation (CP2114). Actual construction and equipment costs for each project will determine priority.

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits
This project will benefit existing capital projects. This type of support will save money in the College operating budget.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates
This project will capitalize eligible expenses that would have been funded from the operating budget.

Learning Resource Center (LRC) – Grant Campus

Project No.
2159

Status
Construction

Location
Grant Campus

Description
The proposed Learning Resources Center (LCR) will include traditional library functions integrated with state of the art information technology, as well as additional quality classroom space, faculty offices and workspace, and student study space. As this is a new building, supporting capital projects may be used in conjunction with this project. These include CP2140, and CP2149.

The LEED certification process will begin at the early stages of design.

Programming		**Costs**	
Category	SF	95,700 sf. @ $210/sqft	$20,097,000
Library	46,000	Admin costs and fees (15%)	$3,014,550
Instructional & Departmental	8,000	FF&E (20%)	$4,019,400
Student Activity	2,000	Subtotal	$27,130,950
Assembly & Exhibition	500	Owner contingencies (~8%)	$2,170,476
Building Services	500	**Total Cost**	**$29,301,426**
Central Services	1,000		
Net Total	58,000		
Grossing factor	1.65		
Gross Area	**95,700**		

Year	Inflation Rate
2005	3.00%
2006	2.40%
2007	2.40%
2008	2.40%

Inflation rates were approximated based on recommendations by the State University Construction Fund, and local Long Island Trends.

Cost Summary (year 2008)

Design =	$ 1,600,000
Construction =	$25,000,000
F & E =	$ 5,800,000
Total =	**$32,400,000**

Program Status
A design contract was awarded in June 2012. Design is complete and a construction contract was awarded in October 2014. A building permit was issued by SCDPW in April 2015. The building is now fully enclosed except for the lantern and is connected to all utilities including power. Interior work including HVAC, plumbing and electrical all in progress. Substantial completion is scheduled for summer 2017. Major contract awards are as follows:

Wiedersum Associates – $1,424,276
Capobianco Inc. - $28,281,496
Municipal Testing - $3,115
Universal Testing – $28,790
National Grid – $33,637.50
McHugh - $491,517
Loring - $34,825
Liro - $19,323

Aid and Approval Requirements

This project receives 50 percent State aid and 50 percent County funding. SEQRA approval is also required.

Justification and Benefits

The library on the Grant Campus is located in the Sagtikos Building, which also houses the theatre and science laboratories. The library was not originally intended to be a part of the Sagtikos complex, however, in 1993 it was placed there as a temporary measure until an independent building could be built. The existing 15,520 square foot library is approximately half the size required by SUNY standards.

This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates

Increased staffing needs and calculations for increased energy needs, as well as revenue estimates, follow. If the additional teaching capacity of the new building is realized, an estimated first year net operating surplus of **$155,280** is predicted.

Operating Expenses - Staffing

Projected New Salary Costs (year 2017/18 dollars)

CLERK TYPIST $28,268 (12 month position)
Responsibilities include circulation of materials, filing, typing, shelf reading.

REFERENCE/ LIBRARIAN $62,054 (Assistant. Professor/10 month position)
Responsibilities include reference services, teaching, collection development.

MECHANIC II $32,018(day rate/12 month)
New facility would increase maintenance needs.

CUSTODIAN I $28,281 (day rate/12 month)
The new facility would increase campus custodial needs.

CUSTODIAN I $31,109 (even rate/12 month)
The new facility would be open in the evening, increasing campus custodial needs.

If the building opens in 2017:

Total Salary Costs	= $181,730
Benefits @ 35%	= $ 63,606
Total Staffing Costs	**= $245,336**

Operating Expenses - Utilities

Heating

Based on gas meter readings at the Grant Campus for 2016, heating costs averaged $0.36 per square foot per year.

Annual cost = (74,550sqft)($0.36/sf/yr) = **$26,838**

Electricity
The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC. The Grant Campus does not have a central energy plant so this per square foot electrical usage should be increase by 20 percent to account for the electrical load associated with boilers and chillers.

Estimated annual usage = (3.78 kw-hrs/sf)*(1.2)*(74,550 sf) = 338,159 kw-hrs

Current electrical unit costs average $0.144 per kw-hrs. Therefore,

Annual electrical cost = (338,159kw-hrs)*($0.144 per kw-hrs) = **$48,695**

Total Heating and Cooling Cost = $26,838+ $48,695= **$75,553 (year 2017 dollars)**

Operating Expenses – Supplies and Materials

The Materials and Supplies expenses are expected to increase by 25 to 50 percent over the current budget for the Grant Campus library. Assuming a 37.5% increase, this results in an incremental operating expense of:

$145,000 * 0.375 = **$54,375**

Projected Revenues

Based on general classroom space available in the current floor plans, the building can accommodate an additional 300 students.

Year	Students	Credits	FTE	Tuition	Fees	State Aid	Total
2017	240	1440	48	372,528	28,560	129,456	$530,544

Notes:
1. College tuition and fees were increased 4% per year and State aid was increased 4% in the above table.
2. It is assumed that enrollment will comprise of 70 percent residents and 30 percent non-residents.
3. It is estimated that each student takes 3 credits per semester.
4. All revenues listed in these notes are based on spring 2017 tuition and fees and State aid.
5. An increase of 240 students is projected.
6. Part time tuition is $199 per credit for residents and $398 per credit for non-residents.
7. Assume $119 in student fees per year.

Renovations to Physical Plant/Warehouse – Ammerman Campus

Project No.
2165

Status
Construction

Location
Ammerman Campus

Description
This project involves the interior/exterior renovation of the plant operations/central receiving warehouse built in 1971. The structure is a pre-engineered building which has deteriorated over the years and is in need of extensive repair, building code updates, life safety improvements, energy improvements and basic life quality upgrades. As this is a major renovation program, supporting capital projects may be used in conjunction with this project. These include CP2127, CP2129, CP2131, CP2138, CP2140, CP2149, CP2167, CP2206 and CP2301.

Program Budget =	$1,187,000
Current Appropriations =	$1,187,000
Remaining Appropriations =	$0

Program Status
All County funds have been appropriated. All State funds have been bonded. Construction is approximately 95 percent complete. Work remaining includes the loading dock levelers and fire sprinkler system start-up and testing. The dock leveler construction contract will be awarded in February 2017. Major contract awards are as follows:

All Service Electric – $30,200
Best Climate Control - $24,714
Pitney Bowes - $29,938
WHM Plumbing - $102,865
Rolands Electric - $29,440
Sid Tool - $6,399
American Industrial Door - $8,260
Cashin Associates – $4,700
LiRo - $90,000
Ravco Construction - $775,325
Home Depot – $3,049

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits
This structure has both life safety and life quality needs that must be addressed. These improvements will preserve the life of the structure, protect valuable materials stored in the warehouse and increase operational efficiency.

Operating Expenses and Revenue Estimates
This project will not significantly affect operating expenses or revenue.

Life Safety Alterations and Fire Alarm Upgrades

Project No.
2167

Status
Planning and Construction

Location
All Campuses

Description
This project will update the existing fire alarm systems installed in the late 70's. Changes in the NFPA 101 Life Safety code requires these systems to be upgraded for the protection of those individuals using the facilities. The balance of buildings not connected to Suffolk County Firematics by direct dial telephone lines will also be connected. To take advantage of logistical efficiencies and economies of scale, this project may support other planned renovation work including work covered under CP2114, CP2149, CP2165, CP2180, CP2181, CP2182, CP2206 and CP2207.

Program Budget =	$750,000
Current Appropriations =	$750,000
Remaining Appropriations =	$0

Program Status
All County funds have been appropriated. State funding for this project is completed. Design is complete. Construction is approximately 92 percent complete. The remaining funding will be used to address the most critical fire alarm upgrades as per recommendations from the Fire Marshal's Office. Major contract awards are as follows:

Hugh O'Kane - $147,355.80	Atlantic Electric - $1,942.64	Simplex - $155,234
All Service Electric - $165,995	SJ Hoerning - $62,400	Northgate Electric - $96,700
Lipsky - $45,417		

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits
This project has the support of the Suffolk County Fire Marshal's Office, and the direct dial connections have been mandated by that office.

Operating Expenses and Revenue Estimates
This project will not affect operating expenses or revenue.

Science, Technology and General Classroom Building – Ammerman Campus

Project No.
2174

Status
Design

Location
Ammerman Campus

Description
This building will house life sciences, chemistry, general classrooms, and faculty offices. These additions to the instructional space on the Ammerman Campus are essential for program enhancements and future enrollment growth. The LEED certification process will begin at the early stages of design. As this is a new building, supporting capital projects may be used in conjunction with this project. These include CP2140, CP2149, CP2152, CP2182 and CP2301.

Program Budget =	$29,850,000
Current Appropriations =	$29,850,000
Remaining Appropriations =	$ 0

Program Status
All funding is fully appropriated. Design is complete. Construction, equipment installations, commissioning, and training are substantially complete. The building opened for spring 2015 classes. All trades continue to complete punch list work. The roof top photovoltaic system is installed and operational. All SCDPW required changes are complete. Change orders for the associated construction are pending. Major contract awards are as follows:

BBS - $1,438,441
J. Petrocelli - $26,706,057
Soil Safe - $22,200
CDW-G - $30,028
Dell - $42,784
Krackler - $22,763
VWR - $78,779
Off. Furn. Warehouse - $5,837
Cashin - $25,000
Municipal Testing - $11,736
Converged Tech. - $193,384
Adv. Moisture Test - $3,250
Fischer Scientific - $115,310
Caroline - $21,813
Grainger - $20,193
PMC - $17,378
Universal Testing - $92,522
A+ Technology - $32,170
Neutec - $20,013
Eppendorf - $6,430
Olympus - $346,561
Anatonage - $72,575

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative resolution.

Justification and Benefits
The campus cannot meet the demand for Chemistry and the Life Sciences. The new building will address this demand. This project meets the criteria established in the County Executive's memorandum governing capital budget requests. The specific criteria this project addresses includes (1) submission of projects which will generate significant State aid to offset project costs.

Operating Expenses and Revenue Estimates
For the spring semester 2017, four additional sections of chemistry and fourteen additional sections of life sciences courses continued to be taught. Adjunct faculty were again retained to partially accommodate this increased enrollment. In addition, 6 more sections of CHE100 were

added which increases the student count by 144. One full time PA was hired to support these new chemistry sections. Based on these figures, annual operating expenses due to increased staffing, supplies and materials, and utility costs will total approximately $403,333. Revenues are estimated at $1,560,845 based on the increased student enrollment, resulting in overall profit of **$1,157,512**. A summary of these calculations follows.

Operating Expenses – Staffing

For the spring semester 2017, nine adjunct instructors and five professional assistants were retained to accommodate increased enrollment. Given the credit hours taught, total costs for this additional adjunct staffing plus one new full time PA totals approximately $300,953.

Operating Expenses - Utilities

Heating
Based on building gas meter readings for 2016, heating costs totaled **$36,554**.

Electricity
The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours. Given the square footage of the MLRC:

142,972 kw-hrs / 37,784 sf. = 3.78 kw-hrs/sf

This electrical usage should be representative of expected electrical usage for new construction on the Eastern Campus given that new buildings would be connected to the existing Central Energy Plant for heating and cooling needs and new construction will meet the same LEED standards as the MLRC. The Ammerman Campus does not have a central energy plant so this per square foot electrical usage should be increase by 20 percent to account for the electrical load associated with boilers and chillers.

Estimated annual usage = (3.78 kw-hrs/sf)*(1.2)*(62,760 sf) = 284,679 kw-hrs

Solar energy produced in 2016 = 126,164 kw-hrs/yr

Current electrical unit costs average $0.144 per kw-hrs. Therefore,

Annual electrical cost = (284,679kw-hrs - 126,164 kw-hrs/yr)*($0.144 per kw-hrs) = **$22,826**

Total Heating and Electrical Cost = $36,554 + $22,826 =**$59,380 (year 2017 dollars)**

Miscellaneous Annual Costs
Telephone service will cost $250/month, or $3,000 per year.
Chemistry supplies = $20,000
Life Sciences supplies = $20,000

Sciences, Technology and General Classroom Building
Ammerman Campus
February 6, 2017

Projected Annual Revenues - Additional Chemistry Courses

Year	Students	Credits	FTE	Tuition	Fees	State Aid	Total
2017	240	1920	64	401,184	76,560	172,608	$650,352

Projected Annual Revenues - Additional Life Science Courses

Year	Students	Credits	FTE	Tuition	Fees	State Aid	Total
2017	336	2688	89.60	561,658	107,184	241,651	$910,493

Notes:

1. It is assumed that enrollment will comprise of 95 percent residents and 5 percent non-residents.
2. It is estimated that each students takes 4 credits per semester.
3. All revenues listed in these notes are based on spring 2017 tuition and fees and State aid.
4. Part time tuition is $199 per credit for residents and $398 per credit for non-residents.
5. Assume $319 in student fees per year.
6. Full time fees are as follows: Laboratory - $60 per course, Technology - $125 per semester, Vehicular -$45 per year, Records - $3 per credit ($36 max)
7. Part time fees are as follows: Laboratory - $60 per course, Technology - $65 per semester, Vehicular -$45 per year, Records - $3 per credit ($36 max)

Waterproofing Building Exteriors

Project No.
2177

Status
Planning and Construction

Location
All Campuses

Description
This project will address the critical need for repair work on several College building exteriors to prevent water migration. Exterior repairs will include the recaulking of windows and doors where the frames meet the masonry, repair of limestone panels, cornice and fascia work, and exterior brickwork re-pointing and sealing. To take advantage of logistical efficiencies and economies of scale, this project may support other planned renovation work including work covered under CP2114, CP2118, CP2137, CP2149, CP 2165, CP2168, CP2180, CP2182 and CP2207.

Program Budget =	$1,530,000
Current Appropriations =	$1,530,000
Remaining Appropriations =	$0

This design phase includes recommendations to correct compromised exteriors on the four College buildings currently experiencing the most water migration which includes Kreiling Hall, Ammerman Building, Southampton Building and Sagtikos Building. The construction phase will be used to physically improve these College building exteriors.

Program Status
All County funds have been appropriated. All State funds have been bonded. The Ammerman Building second story west side wall was re-pointed and sealed. The Riverhead Building computer center is completed including new pavers. A study was completed and implemented for the Southampton Building terrace. A design contract for the remaining work was awarded in December 2010. Design drawings are complete. Construction is substantially complete on the remaining structures with punchlist on the Ammerman Bldg. in progress. Remaining funding will be used to address wall and storefront leaks at the Sagtikos and Smithtown Science Buildings. Major contract awards are as follows:

Statewide Roofing - $298,165
Hoffman Architects - $68,600
Mount Olympus - $718,000
Hughes Urethane - $5,500
National Insulation - $23,779

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative Resolution.

Justification and Benefits
This project is needed to preserve College structures. Continued water damage would reduce the life expectancy of College assets.

Operating Expenses and Revenue Estimates
The project will decrease the need for certain maintenance issues resulting in operational savings.

Renovations to the Islip Arts Building

Project No.
2180

Status
Construction

Location
Ammerman Campus

Description
This project includes installation of full building air conditioning, cosmetic architectural renovations and renovations to the HVAC, electrical and plumbing systems. As this is a major renovation program, supporting capital projects may be used in conjunction with this project. These include CP2129, CP2131, CP2137, CP2140, CP2149, CP2167, CP2168 and CP2177.

Program Budget =	$4,203,000
Current Appropriations =	$4,203,000
Remaining Appropriations =	$0

Program Status
All County funds have been appropriated. State funding for this project is completed. The design phase is complete. The construction phase is substantially complete. Major contract awards are as follows:

BJLJ Engineers and Architects – $311,600
Best Climate Control - $122,900
Majestic Plumbing - $29,800
Northgate Electric - $604,300
Sanco Mechanical - $750,000
Laser - $37,551
Residential Fence - $5,092
National Insulation - $18,805
Rockmore - $468,000,
All Service Electric - $183,520
ARA Plumbing - $159,500
Lipsky - $1,452,000
Thermo Tech - $66,866
State Wide Roofing - $27,400
Boilermatic - $15,240
Simplex Grinnel - $3,718

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits
This project will add a new HVAC system to increase the comfort of building occupants including theatre patrons, and renovate existing academic and office spaces.

Operating Expenses and Revenue Estimates
Approximately 50,000 square feet of the Islip Arts Building, which is not currently air conditioned, will be air conditioned as a result of this project. This will increase annual operating expenses by:

(50,000 sf.)(7 KWH/sf.yr)($0.144/KWH) = **$50,400**

Master Plan Update – College Wide

Project No.
2186

Status
Planning

Location
College Wide

Description
This project will update the existing College Master Plan, which was last amended in 2000. As a comprehensive, long range plan intended to guide and empower College development, periodic updates are critical. This re-evaluation will ensure that capital projects are aligned with the College Strategic Plan and respond to real needs as academic programs, demographics and economics continue to evolve and existing physical assets continue to age. This update will also include a housing feasibility study.

Adjusting the cost of the last master plan update for inflation at 3 percent per year for 15 years results in an estimate of approximately $400,000. Given the increased physical size of the College and increased number of program offerings, additional funding is suggested above the inflationary figure. Furthermore, the digital communications capacity and redundancy of the College, the evolution of public/private partnerships and green technologies add additional layers of study and review. Therefore, a figure of $500,000 is recommended and consistent with consultant estimates for a master plan update at a facility with over 1.5 million square feet of building space.

Program Status
All funds have been appropriated at this time. The College plans to retain a design consultant in 2017.

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval would also be required.

Justification and Benefits
Over 60 percent of the capital initiatives identified in the current Master Plan have either been completed or are in progress. These projects have focused on existing building renovations, new facilities to support growing enrollment and new program offerings, and infrastructure needs both interior and exterior. Completed and in progress projects have been advanced on a priority basis.

The remaining projects that have yet to be advanced for funding focus on major renovations and expansions to existing academic buildings, new buildings for both academic and student service needs, as well as several campus landscaping and access projects. These remaining projects should be reevaluated given the evolving role of the College, its program offerings and the age of existing physical assets to ensure that major capital initiatives are aligned with the College's mission and the needs of its stakeholders over the next ten year cycle.

Operating Expenses and Revenue Estimates
There are no impacts on the operating budget.

Reconstruction of the Central Plaza at Ammerman Campus

Project No.
2187

Status
Planning and Construction

Location
Ammerman Campus

Description
The central plaza is an area of two acres that is paved with a combination of brick and concrete. The project will make it possible to study, design and implement a solution to reconstruct the plaza and terraces to eliminate the safety hazards and install more effective drainage. The central plaza serves as the center of the Ammerman Campus. As this is a major renovation program, other capital projects may be used in conjunction with this project. These include CP2127, CP2140, CP2149, CP2179, CP2182, CP2207 and CP2301.

Program Budget =	$3,750,000
Current Appropriations =	$3,750,000
Remaining Appropriations =	$0

Program Status
All County funds have been appropriated. State funding for this project is completed. The design and construction for Phase I are complete. The design for Phase II is substantially complete. A construction bid for repairs/replacements of stairs and handrails as well as the south entrance renovation will take place in spring 2017 and work will begin over the summer 2017. Major contract awards are as follows:

Burrwood Engineering – $248,000
Municipal Testing - $24,930
Retro-Fit - $32,275
Sullivan & Nickel - $2,707,000
Holzmacher - $16,900

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Board of Trustees Resolution #94145.

Justification and Benefits
There are numerous tripping hazards caused by the unevenness in the pavement. During and after a rain, students walk through water while the drains are "high and dry". Between each building and the plaza the extensive arrangement of steps and terraces have cracked. The project will address these hazards and aesthetically poor conditions.

Operating Expenses and Revenue Estimates
This project will not affect operating expenses or revenue.

Learning Resource Center – Eastern Campus

Project No.
2189

Status
Construction

Location
Eastern Campus

Description
This building will include traditional Library functions, technologically advanced computer spaces and consolidated faculty and student independent learning spaces. The building will complete the existing loosely defined campus quadrangle. The LEED certification process will begin at the early stages of design.

Program Budget =	$14,500,000
Current Appropriations =	$14,500,000
Remaining Appropriations =	$0

Program Status
The design phase is complete. The construction phase is substantially complete. The building was occupied in January 2011 and is currently tracking LEED gold. Window tinting to reduce bird strikes and glare at the main curtain walls has been received and installation is in progress. Relocation of the air handling unit to the roof is substantially complete. Additional green technologies are being evaluated to further reduce operating expenses. Major contract awards are as follows:

JCJ Architects - $1,022,593; LiRo - $105,996; EW Howell - $11,196,519; Dell - $91,737; Adwar - $32,482; Universal Testing - $14,477; CDW-G - $11,704; JS McHugh - $3,602; Huston - $108,046; Custom Computer - $9,440; Nova - $18,424; Interscape - $238,582; VanerumStelter - $31,311; Mid Island - $4,689; Versteel - $6,101; A+ Solutions - $28,125; Verizon - $12,596; Waldners - $70,238; Telcar - $83,753; Creative Furniture - $27,293; Adams Ahern - $7,639; Lucid Design - $23,840; Municipal Testing - $71,118; Pride Eqpt. - $14,943; Grainger - $4,500; Kimball - $31,489; JS McHugh - $3,602; Robert H. Lord - $3,124; VanerumStelter - $2,974; Thomas Raftery - $3,435; Best Climate Control - $16,625; National Insulation - $5,001; Northstar - $31,272; Collidescape - $16,846; JNS Heating Service - $313,800

Aid and Approval Requirements
This project receives 50 percent State aid and 50 percent County funding. SEQRA approval exists as per Legislative resolution.

Justification and Benefits
The present library, which is housed in converted classroom space in the Peconic Building, is 50% smaller than SUNY standards and is inadequate to meet the needs of students and faculty. The Middle States Evaluation Team cited this inadequacy in its May 1997 report.

Operating Expenses and Revenue Estimates
Annual operating expenses due to increased staffing and materials, and utility costs will total **$170,100**. A summary of these costs follows.

Operating Expenses - Staffing

Projected New Salary Costs (year 2016/17 dollars)

REFERENCE/INSTRUCTION LIBRARIAN $62,906 (Assistant Professor/10 month position)
The information literacy movement and the increasing amount of resources that are available in electronic format have increased the instructional effort of the professional library staff in teaching students and community members how to effectively conduct research. The new facility calls for a smart classroom that would be a teaching space, and this faculty position would provide these instructional services.

CUSTODIAN I $29,993 (even rate/12 month)
The new facility would be open in the evening and would increase campus custodial needs.

Total Salary Costs = $ 92,999
Benefits @ 35 % = $ 32,515
Total Staffing Costs = $125,514

Operating Expenses - Utilities

Electricity

The electrical usage for the Montaukett Learning Resource Center (MLRC) for 2016 was approximately 142,972 Kilowatt-hours.

Annual electrical cost = (142,972 kw-hrs)*($0.148 per kw-hrs) = $21,160

Heat

East Campus 2016 annual fuel consumption was 85,850 gallons of #2 fuel oil. At $1.30/gal (Avg. 2016 rate) = $111,605/year

Cost per square foot = $\frac{\$111,605}{180,511}$ = $0.62/sqft/year

Cost for new building = ($0.62)(37,784) = $23,426

Total Utility Expense = $44,586

Index

Alphabetical Listing of Capital Projects	Project Number	Page
Capital Improvements to New and Existing Facilities	2153	57
Environmental Health and Safety	2131	39
Fire Sprinkler Infrastructure – Ammerman Campus	2129	38
Health and Sports Facility – Eastern Campus	2120	32
Improvements/Replacements to Roofs at Various Buildings	2137	40
Infrastructure – College Wide	2149	16
Installation of Cooling Systems – College Wide	2138	41
Learning Resource Center (LCR) – Eastern Campus	2189	70
Learning Resource Center (LRC) – Grant Campus	2159	58
Life Safety – College Wide	New	10
Life Safety Alterations and Fire Alarm Upgrades	2167	62
Master Plan Update	2186	68
Mechanical/Electrical Upgrades at Huntington Library	2105	29
Parking Expansion – Ammerman Campus	2152	55
Plant Operations Building – Grant Campus	2144	51
Reconstruction of the Central Plaza at Ammerman Campus	2187	69
Removal of Architectural Barriers/ADA Compliance	2127	36
Renewable Energy and STEM Center – Grant Campus	2141	45
Renovation of Kreiling Hall – Ammerman Campus	2114	30

Renovations to Islip Arts Building	2180	67
Renovations to Physical Plant/Warehouse – Ammerman Campus	2165	61
Renovations to Sagtikos Building – Grant Campus	2118	14
Sciences, Technology and General Classroom Building	2174	63
Security Notification – College Wide	2140	43
Traffic Circle – Ammerman Campus	2143	49
Warehouse Building – Eastern Campus	2145	53
Waterproofing Building Exteriors	2177	66
Workforce Development and Technology Center Expansion	New	7

Suffolk
COUNTY COMMUNITY COLLEGE

Office of the President

BOARD OF TRUSTEES
February 16, 2017

RESOLUTION NO. 2017.12 - Authorizing a One-Time, Non-Salaried, Performance-Based Payment to the College President for the 2015-2016 Academic Year

WHERAS, the College President's employment contract provides for yearly performance reviews and evaluations, and

WHEREAS, the Personnel Committee has completed a performance evaluation of the President for the 2015-2016 academic year, and

WHEREAS, the Personnel Committee recommends that the President receive a one-time, non-salaried, performance-based payment equivalent to 3.5% of his base salary, now therefore be it

RESOLVED, that the College President shall receive a one-time, non-salaried, performance-based payment of his base salary for the 2015-2016 academic year.

Bryan Lilly
Secretary

Central Administration
533 College Road
Selden, NY 11784-2899
(631) 451-4112

Ammerman Campus
533 College Road
Selden, NY 11784-2899
(631) 451-4110

Western Campus
Crooked Hill Road
Brentwood, NY 11717-1092
(631) 851-6700

Eastern Campus
121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
(631) 548-2500