



**Connecticut State Colleges and Universities**

**Presentation to  
General Bonding Subcommittee**

**March 11, 2019**

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**Table of Contents**

- **Testimony**
- **FY 2020 Bond Fund Reallocation Requests**
- **FY 2020 – FY 2021 CSCU Requested & Governor Recommended Biennium Budget Comparison Summary & Detail**
- **FY 2020 – FY 2021 CSCU Requested Biennium Project Detail**
- **CSCU Authorized and Unallocated Bond Fund Status**
- **CSCU 2020 Semiannual Report**
- **CHEFA Bond Series A – Series P**
- **Visual Overview**



## **Testimony of Mark E. Ojakian**

President

**Connecticut State Colleges & Universities**

Before the General Bonding Subcommittee

March 11, 2019

Good morning Senator Moore, Senator Witkos, Representative Miller, Representative Floren, and members of the General Bonding Subcommittee. Thank you for the opportunity to discuss the Connecticut State Colleges and Universities capital budget for our four universities, twelve community colleges and one on-line state college. My name is Mark Ojakian and I am the President of the Connecticut State Colleges & Universities (CSCU). I am also joined today with members of my staff, Chief Financial Officer, Ben Barnes, Chief Information Officer, Joe Tolisano and Vice President for Facilities, Real Estate and Infrastructure Planning, Keith Epstein.

We want to thank all of you for your continued support of our system through the CSCU 2020 program, which has been our system's primary long-term capital financing plan, and for your support through the regular biennial bonding process which provides critical support to our campuses. The CSCU 2020 program is winding down, so we submitted requests for additional capital needs as normal GO Bond requests. We have prepared a brief update of our capital program and bond status. The items discussed today are included in the materials previously distributed to you. At the conclusion of this update we would be happy to address any questions you may have.

I do want to discuss several exhibits that we are presenting to you today. I would like to start with observations about our request, and then we can turn to some of the modifications we would like the committee to consider.

Periodically we conduct Facility Master Plan updates for each campus. Based from academic projections per program of study, the Master Plans provide a high level analysis of our future academic needs and how best to prepare our facilities. Given that we continue to anticipate stagnant or declining enrollment in the short term, renovations and improvements over new capacity becomes prevalent. As we rely more and more on our current facilities, those facilities continue to require improvements accommodating educational demands as well as investment protecting continuity of operations.

It is particularly important that we continue to fund deferred maintenance. Historically, many of our institutions did not fully develop a regular and reliable funding stream for maintenance. Although major accomplishments have been made reducing the backlog, significant investment is still required to maintain the integrity of our buildings. This investment, if permitted now, will save the state in the long term through lower overall bonding costs. In some cases these funds are critical to avoid placing daily operations in jeopardy. Examples of this include: requested funding for renovations at Middlesex Community College where the average building age is 36-years old and where significant code and infrastructure improvements have not occurred; requested funding for a system-wide Community College security program to provide equipment and infrastructure improvements to antiquated or non-existent systems; and finally a high

priority building renovation at Naugatuck Valley Community College due to an aging roof replacement that includes a structural roof deck removal related to asbestos. Deferrals to these and other college and university projects increase costs by at least the rate of inflation of approximately 2 ½% annually and place our students, faculty and continuity of operations at greater risk.

You will see on the attached "Recommended Biennium Budget" spreadsheet a comparison is displayed between the CSCU FY20 & FY21 biennium funding request and Governor Lamont's recommended capital budget. Of the total \$444 million request, only \$64 million of CSCU capital program funding was recommended. The projects and programs not funded under the FY20 and FY21 biennium will be requested again under the next biennium but will aggregate an inflationary expense of more than \$19m. Some of the biennium's projects were established to save operating expenses. Examples of this include the Telecommunications Infrastructure Upgrades program where funding will deploy a system-wide centralized commodity purchasing software projected to save millions of dollars annually. In addition, most of our Energy Efficiency Program projects obtain a quick return on investment while significant leveraging down our project costs by engaging into public/private partnerships. Following the Biennium spreadsheet comparison is a detailed description of each of the requests. Though this budget request is only for two years, we maintain the desire to initiate a legislative approval of a long-term plan for the community colleges in the same manner that has been done historically for the state universities. We also intend to seek a continuation of the university plan.

General obligation bond funds provided to the CSCU for both the college and university capital programs have enabled us to deliver projects that support high quality academic standards by way of academic and educational spaces, student life, and facility-based improvements. Appreciating the value of these funds, we take great care to prioritize campus requirements and educational needs, to properly maintain and protect the state's investment in facilities, and to exercise fiscal prudence. There are a number of significant general obligation bond projects and programs, both large and small, that achieved major milestones or were completed this fiscal year. Two examples are represented by the following:

- Central Connecticut State University's Willard Hall and adjacent DiLoreto Hall were constructed in 1953 and 1960. Both buildings received only piecemeal and minor renovations over the years. Building renovations and additions with a connector atrium between both as a combined 97,000 square foot facility, with a project cost of \$63.9m, recently completed construction for the Spring, 2019, semester. Planning and funding for this project spanned a 20-year effort.
- Renovations to a 10,000 square foot area at Asnuntuck Community College were completed in the Fall, 2018, at a cost of \$4.5m. Renovations were to further promote the CSCU development of the Advanced Manufacturing programs. Key aspects of the program include shoring up Connecticut's manufacturing industries through the College Connections Program and Incumbent Workforce Training. College Connections attracts high school juniors and seniors, makes them aware of manufacturing employment opportunities in Connecticut while providing up to five college credits to student who complete the program. Incumbent Workforce Training retrain current employees for higher tech job related technologies so that they can more proficiently complete manufacturing workplace demands.

Additional attachments are included in your materials:

1. The "CSCU Authorized and Unallocated Bond Fund Status" funding report of General Obligation bond funds
2. The "CSCU 2020 Semi-Annual Report," displaying the status and progress of the CSCU 2020 Program as of November 30, 2018,, our most recent semi-annual report
3. Previously the General Bonding Subcommittee inquired about the history and status of the CSCU student funded CHEFA program, and we have provided this in the third attached report for your reference. This spreadsheet represents our CHEFA program bond funds and major projects they support.

I would like to conclude by stressing that we truly appreciate all of the support that the Legislature has provided to us over the years.

Thank you for your time and your continued support. We are available to answer any of your questions.

Thank you.



### **BOND FUND REALLOCATION REQUEST**

We are proud of the progress made under our capital programs which serve to advance higher education for generations to come. At the same time, we are very mindful of the fiscal constraints we all face and recognize our fiduciary responsibility to use funds wisely. Of the \$126m FY 2019 CSCU 2020 program funding that would exhaust the programs allocations we deferred \$46m of those funds of a project where construction funds will not be needed until mid-2020. We are requesting that an additional program year of FY 2020 be added to the CSCU program in the amount of \$46m. This additional funding year and fund reallocation for one remaining project, Southern Connecticut State University's Business School, will be the final CSCU 2020 programmed project and funding year.

Connecticut State Colleges and Universities  
FY 2020 - FY 2021 Capital Projects  
Recommended Biennium Budget Summary

Institution	Project Title	FY 2020 CSCU Request	FY 2020 Governor Recommendations	FY 2021 CSCU Request	FY 2021 Governor Recommendations	Total Biennium Recommendation
System	Telecommunications Infrastructure Upgrades	\$ 11,500,000	\$ 2,000,000	\$ 3,750,000	\$ 2,000,000	\$ 4,000,000
Colleges & Charter Oak Universities	Code Compliance/Infrastructure Improvements	\$ 33,560,076	\$ 14,000,000	\$ 34,566,878	\$ 14,000,000	\$ 28,000,000
Colleges & Charter Oak Universities	Code Compliance/Infrastructure Improvements	\$ 23,320,580	\$ 7,000,000	\$ 24,020,197	\$ 7,000,000	\$ 14,000,000
System	Advanced Manufacturing/Emerging Technology	\$ 3,000,000	\$ 3,000,000	\$ 3,075,000	\$ 3,000,000	\$ 6,000,000
System	New and Replacement Equipment Program	\$ 20,600,000	\$ 6,000,000	\$ 21,115,000	\$ 6,000,000	\$ 12,000,000
System	Security Improvements	\$ 2,500,000	-	\$ 2,500,000	-	-
System	Land and Property Acquisition	-	-	\$ 2,500,000	-	-
Universities	Auxiliary Code Compliance/Infrastructure Improvement	\$ 10,000,000	-	\$ 10,300,000	-	-
Universities	Energy Efficiency Improvements	\$ 5,000,000	-	\$ 5,150,000	-	-
Manchester	Alterations/Renovations & Additions to Lowe Building	-	-	\$ 8,379,873	-	-
Northwestern	Roof & Window Replacement Project	\$ 2,000,000	-	-	-	-
Northwestern	Alterations, Renovations & Improvements to Greenwoods Hall	\$ 19,065,336	-	-	-	-
Norwalk	Alterations, Renovations & Improvements to Building & Grounds	\$ 4,500,000	-	-	-	-
Middlesex	Renovations & Additions to Wheaton & Snowe Classroom Building	-	-	\$ 44,503,873	-	-
Capital	Facade Improvements	\$ 3,200,000	-	-	-	-
Naugatuck Valley	ADA & Code Compliance/Infrastructure Improvements	\$ 5,000,000	-	-	-	-
Naugatuck Valley	Alterations, Renovations & Improvements to Kinney Hall	\$ 6,407,390	-	-	-	-
Gateway	Planning/Design/Redevelopment Long Wharf Campus	\$ 15,108,128	-	-	-	-
Quinebaug	New Maintenance & Office Building	\$ 3,543,800	-	-	-	-
Asnuntuck	Alterations, Renovations/Expansion of Library & Student Services	-	-	\$ 32,572,667	-	-
Central	Alterations, Renovations & Improvements to Building & Grounds	\$ 4,000,000	-	\$ 8,000,000	-	-
Western	Alterations, Renovations & Improvements to Building & Grounds	\$ 3,000,000	-	\$ 6,000,000	-	-
Western	Planning/Design/Alterations for Berkshire Hall	-	-	\$ 5,606,318	-	-
Southern	Mechanical & Electrical Improvement to Moore Field House	\$ 1,633,578	-	\$ 7,610,227	-	-
Southern	Mechanical & Electrical Improvement to Lyman Center FOR Performing Arts	\$ 495,452	-	\$ 3,324,006	-	-
Southern	Planning/Design for New Campus Police Station	-	-	\$ 2,067,636	-	-
Eastern	Design/Construction of New Campus Health Center	\$ 1,578,245	-	\$ 10,322,523	-	-
Eastern	Planning/Design for New Sports Center	\$ 11,039,458	-	-	-	-
Eastern	Upgrades to Campus Central Electrical & Heating Infrastructure	\$ 3,710,000	-	\$ 8,761,614	-	-
Eastern	Site Improvements for Vehicle/Pedestrian Circulation	\$ 1,493,403	-	\$ 4,885,186	-	-
<b>TOTAL</b>	<b>CONNECTICUT STATE COLLEGES AND UNIVERSITIES</b>	<b>\$ 195,255,446</b>	<b>\$ 32,000,000</b>	<b>\$ 249,010,998</b>	<b>\$ 32,000,000</b>	<b>\$ 64,000,000</b>

## Connecticut State Colleges and Universities FY 2020 – FY 2021 Biennium Budget

### Program Funding Requests

#### Code Compliance/Infrastructure Improvements Program

- **Connecticut State Community Colleges, Charter Oak State College & System Office**  
FY 20 - \$33,560,076 & FY 21 \$34,566,878, Year 3 - \$35,573,681, Year 4 - \$36,580,483,  
Year 5 - \$37,587,285
  - **Priority #1**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual facility reinvestment funding for the Community College, Charter Oak College & System Office differed maintenance program
  - **Program:** Physical Plant
  - **Prior State Authorizations:** Ongoing program
  
- **Connecticut State Universities**  
FY 20 - \$23,320,580 & FY 21 - \$24,020,197, Year 3 - \$24,719,814, Year 4 – 25,419,432,  
Year 5 - \$26,119,049
  - **Priority #2**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual facility reinvestment funding for the University differed maintenance program
  - **Program:** Physical Plant
  - **Prior State Authorizations:** Ongoing program

This budget is developed and updated from, but not limited to, historic institutional requests, benchmarking against other higher ed. institutions, physical site evaluations and prior studies. In combination, these efforts enable the development of a system-wide long term Code Compliance/Infrastructure improvement program. Earmarked funding for individual projects and programs are established for academic enhancements, life safety improvements, facility needs, energy conservation, studies and other facility based evaluations and improvements. Annual budget and distribution of funds to each college and university are factored from a prorated basis of total square feet and average campus age. The funding distribution model accurately represents appropriate budget thresholds for minor academic enhancements and facility improvements that promote a systematic multi-faceted approach of maintaining high academic and facility standards while decreasing long term spending projections.

Examples of projects funded through this program are modifications and restoration of interior and exterior academic and support facilities, including the upgrading of



building envelopes; replacement of aging building systems, including fire, safety and security systems, utility systems and mechanical systems; and exterior grounds improvements including paving of roads, repair or installation of stairs, ramps, plaza decks, sidewalks, parking areas, landscaping, signage, exterior lighting, site utilities and outdoor athletic and recreation facilities. The program also provides for the implementation of energy conservation measures, hazard risk mitigation and changes necessary to bring facilities into compliance with state and federal fire, health, safety and accessible access codes and regulations. Also addressed are improvements to academic and support spaces in existing facilities that enhance academic performance.

- **Connecticut State College & University Telecommunications Infrastructure Upgrades**  
FY 20 - \$11,500,000 & FY 21 - \$3,750,000, Year 3 - \$5,000,000, Year 4 - \$5,125,000, Year 5 - \$5,250,000
  - **Priority #3**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual facility reinvestment funding for the University differed maintenance program
  - **Program:** Physical Plant
  - **Prior State Authorizations:** Ongoing program

This program is an ongoing effort that will deploy technology enhancements to the seventeen institutions and System Office. System-wide information technology improvements from this program will be deployed from the System Office level. Major examples of projects include both software and hardware initiatives.

- **College, Charter Oak and System Office New and Replacement Equipment Program**  
FY 20 - \$8,600,000 & FY 21 - \$8,815,000, Year 3 - \$9,030,000, Year 4 - \$9,245,000, Year 5 - \$9,460,000
  - **Priority #4**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual reinvestment funding for the Community Colleges, Charter Oak State College & System Office for new and replacement equipment
  - **Program:** Coordination of Higher Education
  - **Prior State Authorizations:** Ongoing Program

- **University New and Replacement Equipment Program**  
FY 20 - \$12,000,000 & FY 21 - \$12,300,000, Year 3 - \$12,600,000, Year 4 - \$12,900,000,  
Year 5 - \$13,200,000
  - **Priority #5**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual reinvestment funding for the Universities new and replacement equipment
  - **Program:** Coordination of Higher Education
  - **Prior State Authorizations:** Ongoing program

This program provides funds for the purchase of new and replacement equipment for the 12 Community Colleges, 4 Universities, Charter Oak and the System Office. The equipment will support instruction, student services and administrative functions including classroom technology, telecommunications, educational enhancements, general office, computer (both academic and administrative), physical plant, media services, laboratory equipment and System initiatives.

- **College, Charter Oak State College and System Office Security Improvement Program**  
FY 20 - \$2,500,000 & FY 21 - \$2,500,000, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0
  - **Priority #6**
  - **Authorization Language:** Community College, Charter Oak State College and System Office Security Improvement Program
  - **Justification:** Community College, Charter Oak and System Office Security Improvement Program that will increase the active and passive level of security at each campus
  - **Program:** Safety and Security Program
  - **Prior State Authorizations:** Ongoing program

In 2014 the System Office completed a comprehensive security analysis of the 12 Community Colleges. The study highlighted both passive and active opportunities to raise the level of security at each campus. Opportunities highlighted early warning systems, deterrents and quick response enablers. This funding will allow for the design and implementation of many safety and security measures at each Community College campus, Charter Oak and the System Office. The implementation results will allow for a higher level of safety and security at each campus. Examples of safety and security measures that could be provided include, lighting, surveillance cameras, license plate identification systems, vehicle deterrent systems, security enforcement equipment, security related transportation, fencing, electronic and mechanical door hardware, and ballistic resistant glass. This funding request is year 3 & 4 funding of a multi-year security improvement program.

- **College Advanced Manufacturing/Emerging Technology Center Program**  
FY 20 - \$3,000,000 & FY 21 - \$3,075,000, Year 3 - \$3,150,000, Year 4 – \$3,225,000,  
Year 5 - \$3,300,000
  - **Priority #7**
  - **Authorization Language:** Annual Advanced Manufacturing and Emerging Technology program funding
  - **Justification:** Annual Advanced Manufacturing and Emerging Technology program funding to respond to ongoing workforce demands
  - **Program:** Coordination of Higher Education
  - **Prior State Authorizations:** Ongoing program

The future development of advanced manufacturing employment in Connecticut is contingent, in large measure, on the collective ability of the CSCU to develop viable, fluid technology programming and produce literally thousands of graduates annually able to transition successfully to career employment opportunities in the private sector. Without question, Connecticut is in a position to both stabilize and expand its current manufacturing employment based on approximately 160,000 women and men. Reshoring has become a reality, local major industry are in major growth modalities, and emerging technologies are beginning to take root and will require more investment and renewed commitment by State Government and higher education. Prior state funding has initiated and/or supported Advanced Manufacturing programs at 5 of the Community Colleges in addition to 2 off campus instructional centers.

- **Land and Property Acquisition Program – System-Wide Initiative**  
FY 21 - \$2,500,000, FY 22 - \$0, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0
  - **Priority #8**
  - **Authorization Language:** Land acquisition program funding
  - **Justification:** Annual land acquisition program funding
  - **Program:** Coordination of Higher Education
  - **Prior State Authorizations:** Ongoing program for Universities

This program provides an available fund source for the acquisition of properties that are strategic to meet current and future system-wide academic and facility needs. Land and buildings considered for purchase are located either adjacent or strategic to institutions. It is important that these funds be available to purchase strategic properties as they become available for acquisition or else they may be sold to private entities and the opportunity for their acquisition is delayed for many years.

## **Community College Capital Funding Requests**

- **Naugatuck Community College – Renovate Kinney Hall**

FY 20 - \$6,407,390 (Design), FY 21 - \$0 , Year 3 - \$55,478,337 , Year 4 - \$0 , Year 5 - \$0

- **Priority #1**
- **Authorization Language:** Educational enhancements and code compliance improvements
- **Justification:** Pre construction funding for renovation of educational, facility for academic, support space, code compliance, asbestos abatement and energy improvements
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** None

Naugatuck's Facilities Master Plan completed in 2016 identifies major campus needs for academic improvements and facility enhancements. The 72,000 square foot Kinney Hall was constructed as an academic classroom building in 1977. Only minor academic and facility improvements have occurred to this facility since it opened. Required improvements include, but not limited to, restructuring classroom and support space to meet current academic and college demands, code compliance that include ADA and life safety, asbestos abatement, energy conservation and a new roof. Due to environmental concerns with replacing the roof system a temporary roof has been installed on this building until it can be unoccupied and opened to exterior weather conditions during the abatement process. Resulting from time limitations of a temporary roof system this project has become a priority project.

- **Gateway Community College, Housatonic Community College & Southern Connecticut State University Long Wharf Development for a Continuing Education and Automotive/Manufacturing Center**

FY 20 - \$15,108,128 (Design & Demolition), FY 21 - \$0 , Year 3 - \$65,379,519 , Year 4 - \$0 , Year 5 - \$0

- **Priority #2**
- **Authorization Language:** Replacement of an antiquated facility
- **Justification:** Preconstruction services for a new facility
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** None

As a first of its' kind effort in Connecticut between colleges and universities, this joint effort between Southern, Gateway and Housatonic pursues the redevelopment of the former Gateway Community College Long Wharf site at Sargent Drive, New Haven, to better respond to the educational needs of CT residents. This effort responds to two specific goals that can be initiated in a strategic location between Hartford and Bridgeport

and currently lack available space. The strategic location allows opportunities to reach out to prospective students who may normally not pursue certain opportunities.

As a two faceted effort, the first provides a large scale collaborative college and university movement focused to reinforce pipelines between regional educational institutions and employers, strengthen and retain workforce talent in the state, and assist companies with their staff development needs. Leveraging the colleges and university talent, a series of short-duration Continuing Education certificate programs built around the niche expertise of in-house talent and strong market demands will be developed. These programs will support program incubation, innovative activities, and attentive guidance for the non-traditional working professional student. Focused on the top in-demand skills within the state of Connecticut an example of several programs opportunities include project management, data analytics, professional grant writing, and Spanish for the workplace. As dual on and off campus college site locations, a stage is set for both theoretical and applied professional learning developed in tandem between the colleges and university.

As a second component to this plan is the relocation of Gateway's automotive program from Gateway's antiquated North Haven campus to the Long Wharf site. Through both classroom and laboratory work most of the vehicles donated to this program and analyzed are new vehicles obtained through partnerships with major auto manufactures. Each partnership requires its' own laboratory and equipment to support individual manufacturers. Each laboratory is considered "High Tech" to support the educational environments latest production vehicle demands for both internal combustion gasoline and electric vehicles. There are additional automotive manufactures, tire industry representatives and diesel program partnership interest that remain prohibitive until we are able to provide additional laboratory space. Advanced Manufacturing related to automotive will also be housed in this facility. Education in Robotics and Artificial Intelligence is an important course of automotive study for students entering the workforce. Gateway's Railroad Technology program in this facility is a final important component of this plan. This program is conducted through both classroom and hands on laboratory educational experiences.



- **Asnuntuck Community College – Phase 1 Campus Renovations**

FY 20 - \$0, FY 21 - \$32,527,667 (Construction), Year 3 - \$0, Year 4 - \$ 0, Year 5 - \$0

- **Priority #3**
- **Authorization Language:** Educational enhancements and code compliance improvements
- **Justification:** Construction funding for educational, facility, code compliance and energy improvements
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** FY2017- \$3,800,000 PA 15-1 Sec 21(n)(5)

Asnuntuck Community College was a former middle school, constructed in 1966, that transitioned to a community college in 1997. Although some investment has occurred with improving the campus much of the facility remains consistent to when the facility was a middle school. The Facilities Master Plan completed in 2017 identifies a 2 phased opportunity to realign the campus physical state to meet current and projected academic and space needs. For phase 1, major project attributes include relocating the library into the current underutilized gymnasium space in addition to create a second level in the gym space to accommodate an increased need of science lab space. The old library will become office and student services space as well as the antiquated auditorium would be refurbished. Design for this project was funded in FY 2017.

- **Naugatuck Community College ADA Compliance Project**

FY 20 - \$5,000,000 (Construction) FY 21 - \$0, Year 3 - \$0, Year 4 - \$ 0, Year 5 - \$0

- **Priority #4**
- **Authorization Language:** ADA compliance project
- **Justification:** Construction funding for ADA compliance
- **Program:** Accessibility
- **Prior State Authorizations:** FY2019- \$5,000,000 PA 17-2 Sec 397(h)(45)

In 2014 the Community Colleges were mandated by the Federal Office of Civil Rights to perform “self-audits” of their facilities and programs regarding compliance with the Americans with Disabilities Act. Subsequently a consultant was retained to further detail the non-compliance issues and overall costs to rectify non-compliance. To date a plan of action for corrective measures has been submitted to the Office of Civil Rights and minor improvements have been completed from available deferred maintenance funds. Non-compliance may place some types of Federal funding to the college at risk. This project will be completed in two phases. Phase 1 funding is authorized for FY 19 and not allocated at the time of the biennium submission. This request will fund phase 2 of this project.

**Middlesex Community College - Wheaton/Snow Building Renovations and Addition**

**FY 20 - \$0, FY 21 - \$44,503,873 (Construction), Year 3 - \$0, Year 4 - \$0, Year 5 - \$0**

- **Priority #5**
- **Authorization Language:** Code, accessibility and facility improvements
- **Justification:** Construction funding for classroom renovations to antiquated facilities and a new addition to decrease space deficiencies
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** FY2014- \$4,800,000 LCO 5986 Amendment to PA 13-239 (2)(1)(4)

Middlesex Community Colleges Wheaton and Snow buildings were constructed in 1980 with both facilities housing most of the campus classrooms. High utilization rates and only minor space modifications over the last 30-years require both of the facilities undergo comprehensive facility improvements. The improvements will modify spaces so that they meet and exceed current academic and technological needs, are code compliant and are energy efficient. The project also includes a connector between both buildings with a 12,000 square foot office addition. The addition will move offices to one consolidated location, and allow for construction to occur in occupied buildings while minimizing disruptions. Design funds were authorized under FY 2019.

- **Northwestern Community College - Greenwoods Hall Renovations**

**FY 20 - \$19,065,336 (Construction), FY 21 - \$0, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0**

- **Priority #6**
- **Authorization Language:** Code, accessibility and facility improvements
- **Justification:** Construction funding for comprehensive renovations of an antiquated facility
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** FY2018- \$2,685,817 PA 17-2 Sec 378(i)(7)(B)

This project will provide interior renovations and improvements to the 29,200 square foot facility as well as general refurbishments to the buildings mechanical, electrical, fire protection and security systems. Originally constructed in 1927 and partially renovated in the 1980's, with periodic general improvements occurring since, this project will provide a code compliant, energy efficient facility that accommodates current and projected academic needs. In addition, general site improvements will occur including the demolition of an adjacent temporary modular building and cross campus walkways that strengthening the path to and from this facility that includes lighting and security measures. Preconstruction funding was authorized under FY 2019.

- **Manchester Community College – Fredrick Lowe Building Additions and Renovations**

FY 20 - \$0, FY 21 - \$8,379,873, Year 3 - \$0, Year 4 - \$79,297,268, Year 5 - \$0,

- **Priority #7**
- **Authorization Language:** Code, accessibility and facility improvements
- **Justification:** Construction funding for comprehensive renovations and addition to decrease building density and better support the academic program
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** None

Manchester Community Colleges Master Plan Study, completed in 2017, detailed significant square footage deficiencies based from current student enrollment levels. The Fredrick Lowe Building is a 156,000 facility that was constructed in 1984. Also termed the Student Service Building (SSC), currently this building houses most of the Student Services and Culinary. This project will renovate 40,000 square feet of space that does not meet current academic demands and provide a 50,000 square foot addition. The building additions and space reorganization will provide a modern inviting facility that responds to current student service demands and community engagement.

- **Quinebaug Valley Community College - New Maintenance Garage**

FY 20 - \$3,543,800 (Construction) FY 21 - \$0, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0

- **Priority #8**
- **Authorization Language:** Replacement of antiquated facilities
- **Justification:** Construction funding to replace the old maintenance garage and modular office building
- **Program:** Physical Plant
- **Prior State Authorizations:** FY2018- \$476,088 PA 17-2 Sec 378(i)(6)

This college has significantly grown over the past twenty-years. Since their existing maintenance facility was constructed in the early 90's the campus has grown by more than 75,000 square feet. Additionally, Quinebaug houses part of the faculty offices in a modular trailer that has exceeded its' useful life. The project calls for the demolition of the antiquated maintenance facility and temporary offices and construction of a new facility that houses both occupancies. Preconstruction services were authorized under FY 2019.

- **Northwestern Community College – Roof and Window Replacements**  
FY 20 - \$2,000,000 (Design & Construction), FY 21 - \$0, Year 3 - \$0, Year 4 - \$0,  
Year 5 - \$0
  - **Priority #9**
  - **Authorization Language:** Infrastructure improvements
  - **Justification:** Design and construction funding for campus roof and window improvements.
  - **Program:** Physical Plant
  - **Prior State Authorizations:** None

Northwestern Community College consists of a variety of buildings that date back as far as 1860. The facilities range from wood framed residential structures; English, Goulet and Duffy Houses, that are now administrative facilities to Founders Hall that was a turn of the century masonry structure manufacturing facility that now functions as classroom and administrative space. Although these facilities have been well maintained by the college there are a number of facility improvements that need to occur due to age and condition and due to overall cost cannot be funded from current deferred maintenance funding levels. Windows in the former residences were replaced in the past but no longer properly operate. At Founders Hall state roof tiles have seen their useful life and are beginning to break off the roof. Even with the roof maintained, this poses a significant safety risk to pedestrians at the base of the building.

In an effort to provide a more welcoming, consolidate “One Stop” facility

- **Capital Community College – Building Envelope Improvements**  
FY 20 - \$3,200,000 (Design & Construction), FY 21 - \$0, Year 3 - \$0, Year 4 - \$0,  
Year 5 - \$0
  - **Priority #10**
  - **Authorization Language:** Infrastructure improvements
  - **Justification:** Design and construction funding for campus building envelope improvements.
  - **Program:** Physical Plant
  - **Prior State Authorizations:** None

Capital Community College occupies the old G. Fox department store building on Main Street in Hartford. The facility was originally constructed in 1917 with additions in 1938 and 1962, is 12 stories tall along Main Street, art deco in style and is listed on the National Historic Register. In 2002, after completion of fully renovating the building for the college, Capital occupied the building. There are several building façade renovation

projects that need to occur and due to overall costs cannot be funded from current deferred maintenance funding levels. The building facades cannot be accessed as currently exist. A “window washer” staging system supported with a roof mounted structural steel system will be installed as part of this project so the exterior building facades can be accessed. The historic building windows are made from steel. All exterior window frames need to be properly prepared and repainted. Also, there are areas of masonry that need to be accessed for repointing and general repairs.

- **Norwalk Community College Facility Improvements**

FY 20 - \$4,500,000 (Design & Construction), FY 21 - \$0, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0

- **Priority #11**
- **Authorization Language:** Educational, facility and site improvements
- **Justification:** Design and Construction funding for miscellaneous interior and site improvements
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** None

Many interior building components have achieved their useful life and are need of replacement. Much of this project entails building toilet room renovations, flooring and ceiling replacements and parking lot renovations. Prior deferred maintenance funding levels has been insufficient to complete this work.



## **University Capital Funding Requests**

- **Universities – Alterations/Improvements to Auxiliary Service Facilities**  
FY 20 - \$10,000,000 & FY 21 - \$10,300,000, Year 3 - \$10,600,000, Year 4 - \$10,900,000, Year 5 - \$11,200,000
  - **Priority #1**
  - **Authorization Language:** Funding request for Ongoing program
  - **Justification:** Annual facility reinvestment funding for the University differed maintenance program
  - **Program:** Physical Plant
  - **Prior State Authorizations:** Ongoing program

This program is a continuation of the legislative commitment to provide annual funding from general obligation bonds to finance capital projects impacting residential and other auxiliary service facilities at the four Connecticut State Universities. This funding recognizes the burden placed on students enrolled in the Connecticut State University System who pay fees to service debt for the design and construction of new auxiliary service facilities, as well as renovations and repairs to existing structures, including residence halls, student centers, dining hall facilities and student parking areas.

- **Southern Connecticut State University – Moore Field House Mechanical/Electrical Improvements**  
FY 20 - \$1,633,578 & FY 21 - \$7,610,277, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0
  - **Priority #2**
  - **Authorization Language:** Infrastructure improvements
  - **Justification:** Design and construction funding to replace antiquated building infrastructure
  - **Program:** Physical Plant
  - **Prior State Authorizations:** None

Moore Field House was constructed in 1976 and has 141,563 gross square feet. Major components of the mechanical and electrical systems are beyond their useful life and are in need of replacement. This project was originally funded under the CSCU 2020 program and was cancelled with funds reallocated to complete Buley Library. Prior deferred maintenance funding levels have not been sufficient to complete the work. This funding will fund preconstruction as well as construction phase services.

- **Southern Connecticut State University – Lyman Center for the Performing Arts Mechanical/Electrical Improvements**

FY 20 - \$495,452 & FY 21 - \$3,324,006, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0

- **Priority #3**
- **Authorization Language:** Infrastructure improvements
- **Justification:** Design and construction funding to replace antiquated building infrastructure
- **Program:** Physical Plant
- **Prior State Authorizations:** None

The 50,415 gross square foot Lyman Center for the Performing Arts was constructed in 1967 and underwent major renovations in 1993. This facility is Southern's major performance theater. Components of the mechanical and electrical systems are beyond their useful life and are in need of replacement with some of the electrical improvements needing to occur for safety purposes. The project was originally funded under the CSCU 2020 program and was cancelled with funds reallocated to complete Buley Library. Prior deferred maintenance funding levels have not been sufficient to complete the work. This funding will fund preconstruction as well as construction phase services.

- **Western Connecticut State University – Campus-Wide Infrastructure & Campus Improvement Program**

FY 20 - \$3,000,000 & FY 21 - \$6,000,000, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0

- **Priority #4**
- **Authorization Language:** Infrastructure improvements
- **Justification:** Design and construction funding to replace antiquated infrastructure and provide general campus improvements
- **Program:** Physical Plant
- **Prior State Authorizations:** None

Over the past several years Western has been in process of deteriorating at levels faster than available bond funds allow repairs, replacements and improvements. Funding within this request provides a dedicated funding source to complete the work and restore the campus to a positive path. This work is currently considered moderate in nature. Prior deferred maintenance funding levels have not been sufficient to complete the work. Delayed funding will begin to further age out to projects, increase project scope and significantly drive up improvement costs to difficult catch up levels. Major examples that funding is currently expected to address are listed below:

- Midtown Campus – Science Lab renovations
- Midtown Campus – Honors House renovations
- Midtown Campus- Power Plant Boiler replacement
- Midtown Campus – Parking Garage restoration
- Campus Wide – Classroom Improvements

- West Side Campus - O'Neil Sports Center HVAC improvements
- West Side Campus - Ives Concert Park ADA and code improvements
- West Side Campus - Athletic Center and practice field improvements

- **Eastern Connecticut State University – Sports Center**

FY 20 - \$11,039,458 (Design), FY 21 - \$0, Year 3 - \$103,884,062, Year 4 - \$0,

Year 5 - \$0

- **Priority #5**
- **Authorization Language:** Academic Improvements
- **Justification:** Preconstruction services for a new facility
- **Program:** Coordination of Higher Education

Eastern's Sports Center was constructed in 1973 at 82,268 gross square feet. Increased enrollment since it was constructed in addition to significant growth in the number of participants in sports on the NCAA level and in recreational and intramural programs has revealed that the facility can no longer adequately support Eastern's various athletic programs and student needs. A new Sports Center of 132,000 gross square feet will be constructed that will support academic programs of the Health and Physical Education Department, student recreation, and intercollegiate athletics. This project will include a large competitive gym, competitive aquatic center, offices, lockers, hospitality areas, athletic training and miscellaneous other support spaces. At the completion of this project, the existing Sport Center will become a CHEFA funded Student Recreation Center.

- **Eastern Connecticut State University – Plant Improvements, Phase 1**

FY 20 - \$3,710,000, FY 21 - \$8,761,614 (Design & Construction), Year 3 - \$0, Year 4 - \$0,

Year 5 - \$0

- **Priority #6**
- **Authorization Language:** Infrastructure improvements
- **Justification:** Design and construction funding to replace antiquated building infrastructure
- **Program:** Physical Plant
- **Prior State Authorizations:** None

The existing boilers at the campus Boiler Plant will not meet the demands for any future campus development. The current electric service loop on campus lacks redundancy and additionally requires upgrades to meet future campus development needs. Much of the electric and heating infrastructure is aging to the end of its' useful life. Both systems are fed from the Central Plant. This project provides for upgrading boiler plant and electrical infrastructure to meet future needs.

- **Central Connecticut State University – Campus-Wide Infrastructure & Campus Improvement Program**

FY 20 - \$4,000,000 & FY 21 - \$8,000,000, Year 3 - \$0, Year 4 - \$0, Year 5 - \$0

- **Priority #7**
- **Authorization Language:** Infrastructure improvements
- **Justification:** Design and construction funding to replace antiquated infrastructure and provide general campus improvements
- **Program:** Physical Plant
- **Prior State Authorizations:** None

Over the past several years Central has been in process of deteriorating at levels faster than available bond funds allow repairs, replacements and improvements. Funding within this request provides a dedicated funding source to complete the work and restore the campus to a positive path. This work is currently considered moderate in nature. Prior deferred maintenance funding levels have not been sufficient to complete the work. Delayed funding will begin to further age out to projects, increase project scope and significantly drive up improvement costs to difficult catch up levels. Major examples that funding is currently expected to address is listed below:

- Roof Replacement Projects - Copernicus Hall, Maria Sanford Hall and Kaiser Athletic Center
- Building Envelope Restoration Projects – Copernicus Hall & Burritt Hall
- Structural & General Repairs - old steam tunnel and Maria Sanford elevators
- Building Restacking & Backfilling - Davidson Hall
- Parking Lot Resurfacing and Restoration – Campus Wide & Vance Parking Garage

- **Universities – Energy Efficiency Program**

FY 20 - \$5,000,000 & FY 21 - \$5,150,000, Year 3 - \$5,300,000, Year 4 - \$5,450,000, Year 5 - \$0

- **Priority #8**
- **Authorization Language:** Program Funding Request
- **Justification:** Facility reinvestment funding for the University energy conservation effort
- **Program:** Physical Plant
- **Prior State Authorizations:** None

This program compressively addresses capital improvements related to energy conservation efforts at the four universities. This program reduces energy consumption, reduces future deferred maintenance expenditures and drives down operating costs.

The payback on investment for individual improvements typically range within 3-10 years. Examples of major improvements include lighting retrofits, installation of high efficiency motors, automated building controls, boiler modifications, replacement of antiquated inefficient mechanical equipment and building retro-commissioning.

- **Western Connecticut State University – Berkshire Hall Innovation Center**  
FY 20 - \$0, FY 21 - \$5,606,618 (Design), Year 3 - \$0, Year 4 - \$46,894,026,  
Year 5 - \$0

- **Priority #9**
- **Authorization Language:** Academic Improvements
- **Justification:** Preconstruction services for a new facility
- **Program:** Coordination of Higher Education
- **Prior State Authorizations:** None

Constructed at the Midtown Campus in 1958 with a 1967 addition this facility is 84,796 gross square feet. As a current classroom building, many of the original functions supported within were for the Fine and Performing Arts program that were relocated to their West Side campus new home in 2015. As a 2 phase project, proposed is the transformation of an underutilized antiquated facility into a vibrant mixed use progressive facility. Phase 1 of this project is commencing as a CHEFA funded (student use and funded) project that will relocate the inadequately sized the Midtown Campus Student Center to its' new home in Berkshire Hall. Some renovations and a new addition will occur during phase 1. This funding request, phase 2 of the project, creates a new campus Innovation Center through renovations, demolition of some of the existing facility as well as a new addition. The completed building will be approximately 150,000 gross square feet. The Innovation Center will support student success and entrepreneurial activity. Part of this programs goal is to make Western a more outward facing university that engages more directly with the community and industry partners. Spaces included in the Innovation Center will include gathering spaces, presentation areas, a Career Center, auditorium, classrooms and academic computing. The current Entrepreneurial Center is located at the West side Campus. At the completion of this project the existing Student Center will be repurposed to a classroom building funded from future general obligation bond funds.



- **Eastern Connecticut State University – Health and Wellness Center**  
FY 20 - \$1,578,245, FY 21 - \$10,322,523 (Design & Construction), Year 3 - \$0, Year 4 - \$0, Year 5 - \$0
  - **Priority #10**
  - **Authorization Language:** Academic Improvements
  - **Justification:** Preconstruction services for a new facility
  - **Program:** Coordination of Higher Education
  - **Prior State Authorizations:** None

The current Health Center is located in a converted physician's office that can no longer properly service the campus needs. Constructed will be a new 14,000 gross square foot facility. The new center is planned to be a 2 story building with Health Services located on one level with Counseling located on the other level. Included in this project will be examining rooms, counseling spaces, group meeting areas and offices.

- **Southern Connecticut State University – University Police Station**  
FY 20 - \$0, FY 21 - \$2,067,636 (Design), Year 3 - \$0, Year 4 - \$11,181,925, Year 5 - \$0
  - **Priority #11**
  - **Authorization Language:** Infrastructure improvements
  - **Justification:** Campus Vehicle & Pedestrian Circulation Improvements
  - **Program:** Physical Plant
  - **Prior State Authorizations:** None

Southern's University Police Station is located in an antiquated undersized facility that no longer meets the University's needs. This project will construct a new 10,000 square foot University Police Station. The new facility will be a single story facility that includes offices, holding area, campus security monitoring storage and a sally port. The new facility will promote a campus-wide inviting and secure atmosphere..

- **Eastern Connecticut State University – Eastern Road Vehicle & Pedestrian Circulation**  
FY 20 - \$1,493,403, FY 21 - \$4,885,146 (Design & Construction), Year 3 - \$0, Year 4 - \$0, Year 5 - \$0
  - **Priority #12**
  - **Authorization Language:** Infrastructure improvements
  - **Justification:** Campus Vehicle & Pedestrian Circulation Improvements
  - **Program:** Physical Plant
  - **Prior State Authorizations:** None

Through each stage of Eastern's physical growth, vehicle and pedestrian circulation have maintained an importance for convenience, safety & security and maintenance

purposes. This project is the first of a three phased program to address issues that minimize comingling of vehicles and pedestrians, reduce the on-campus quantity of vehicle roadways and better control vehicle access across the campus. This project will close segments of Eastern Road that bisect the campus, install speed tables at various pedestrian street crossings, begins to introduce bike lanes where viable and configures new quadrangles.

CONNECTICUT STATE COLLEGES UNIVERSITIES  
AUTHORIZED BOND STATUS FY 07 - FY 19  
AS OF MARCH 11, 2019

Agency	Public Act Special Act	Bond Program or Project Description	Authorized	Allotted	Unallocated
Community Colleges	PA 09 Sec 42(e)(7)	Alterations, renovations and improvements to existing buildings, Asnuntuck Community College	\$ 11,442,755	\$ -	\$ 11,442,755
Charter Oak	PA 09-2 Sec. 27(e )	Design of New Building for Charter Oak State College	\$ 2,500,000	\$ 2,500,000	\$ -
Community Colleges	PA 09 Sec 42(e)(6)	Design & Construction of New Tutoring and Academic Success Center, Library Modifications and Student Service Renovations at Three Rivers	\$ 5,700,000	\$ 920,169	\$ 4,779,831
Community Colleges	PA 13-239 Sec. 2(l)(4)	New Academic Building at Middlesex Community College	\$ 4,800,000	\$ -	\$ 4,800,000
Community Colleges	PA 13-239 Sec.21(l)(2)(B)	Phase III of Master Plan Renovations & Additions to Lafayette Hall at Housatonic Community College	\$ 40,467,047	\$ 40,467,047	\$ -
Community Colleges	PA 11-57 Sec (2)(m)(3)	Phase III of Master Plan for renovations and additions to Lafayette Hall at Housatonic Community College	\$ 4,669,770	\$ -	\$ 4,669,770
Community Colleges	PA 13-239 Sec 2(l)(2)(A)	Design of Parking and site improvements at Quinebaug Community College	\$ 2,189,622	\$ 1,964,347	\$ 225,275
Community Colleges	PA 13-239 Sec 2(l)(2)(B)	Heating, ventilating and air conditioning system improvement at Quinebaug Valley Community College	\$ 1,750,000	\$ 282,500	\$ 1,467,500
Community Colleges	PA 15-1 Sec 2(n)(1)( C)	Advanced Manufacturing and Emerging Technology Program at twelve (12) Community Colleges	\$ 2,500,000	\$ 2,500,000	\$ -
Community Colleges	PA 15-1 Sec 2(n)(1)(B)	Advancement & Development of IT Networks throughout the Community College System	\$ 20,000,000	\$ 20,000,000	\$ -
Community Colleges, Charter Oak & System Office	PA 15-1 Sec 2(n)(1)(A)	New and Replacement instruction, research and/or laboratory equipment at 12 Community Colleges, Charter Oak College and System Office	\$ 16,000,000	\$ 16,000,000	\$ -
Community Colleges, Charter Oak & System Office	PA 15-1 Sec 2(n)(2)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at 12 Community Colleges, Charter Oak College and System Office buildings	\$ 15,500,000	\$ 15,500,000	\$ -

CONNECTICUT STATE COLLEGES UNIVERSITIES  
 AUTHORIZED BOND STATUS FY 07 - FY 19  
 AS OF MARCH 11, 2019

Agency	Public Act Special Act	Bond Program or Project Description	Authorized	Allotted	Unallocated
Universities	PA 15-1 Sec 2(n)(3)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at Central,, Eastern, Southern & Western Connecticut State University academic facilities & grounds	\$ 10,000,000	\$ -	\$ 10,000,000
Community Colleges	PA 15-1 Sec 2(n)(4)	Implementation of Phase III Master Plan at Norwalk Community College	\$ 28,800,000	\$ -	\$ 28,800,000
Community Colleges	PA 15-1 Sec 2(n)(5)	Alterations and renovations' and improvements to optimize space utilization at Capital Community College	\$ 5,000,000	\$ -	\$ 5,000,000
Community Colleges, Charter Oak & System Office	PA 15-1 Sec 21(n)(1)(A)	New and Replacement instruction, research and/or laboratory equipment at 12 Community Colleges, Charter Oak College and System Office	\$ 7,000,000	\$ 7,000,000	\$ -
Community Colleges	PA 15-1 Sec 21(n)(1)(B)	Advancement & Development of IT Networks throughout the Community College System	\$ 30,000,000	\$ 30,000,000	\$ -
Community Colleges	PA 15-1 Sec 21(n)(1)( C)	Advanced Manufacturing and Emerging Technology Program at twelve (12) Community Colleges	\$ 2,625,000	\$ -	\$ 2,625,000
Community Colleges, Charter Oak & System Office	PA 15-1 Sec 21(n)(2)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at 12 Community Colleges, Charter Oak College and System Office buildings	\$ 15,906,676	\$ 15,906,676	\$ -
Universities	PA 15-1 Sec 21(n)(3)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at Central,, Eastern, Southern & Western Connecticut State University academic facilities & grounds	\$ 12,000,000	\$ 12,000,000	\$ -
Community Colleges	PA 15-1 Sec 21(n)(4)	Alterations,, Renovations and Improvements to B Wing Building at Norwalk Community College	\$ 5,190,000	\$ 5,118,370	\$ 71,630
Community Colleges	PA 15-1 Sec 21(n)(5)	Design Alterations, renovations and improvement for Expansion of Library & Student Services at Asnuntuck Community College	\$ 3,800,000	\$ -	\$ 3,800,000



CONNECTICUT STATE COLLEGES UNIVERSITIES  
AUTHORIZED BOND STATUS FY 07 - FY 19  
AS OF MARCH 11, 2019

Agency	Public Act Special Act	Bond Program or Project Description	Authorized	Allotted	Unallocated
Community Colleges, Charter Oak & System Office	PA 17-2 Sec 378(i)(1)(A)	New and Replacement instruction, research and/or laboratory equipment at 12 Community Colleges, Charter Oak College and System Office	\$ 3,000,000	\$ 3,000,000	\$ -
Community Colleges/Charter Oak/System Office	PA 17-2 Sec 378(i)(1)(B)	System Telecommunications Infrastructure Upgrades, Improvements and Expansions throughout State College and University System	\$ 2,000,000	\$ 2,000,000	\$ -
Community Colleges	PA 17-2 Sec 378(i)(1)(C)	Advanced Manufacturing and Emerging Technology Program at twelve (12) Community Colleges	\$ 2,750,000	\$ -	\$ 2,750,000
Community Colleges/Charter Oak/System Office	PA 17-2 Sec 378(i)(1)(D)	Security Improvements throughout the State College and University System	\$ 3,000,000	\$ 3,000,000	\$ -
Community Colleges, Charter Oak & System Office	PA 17-2 Sec 378(i)(2)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at 12 Community Colleges, Charter Oak College and System Office buildings	\$ 14,000,000	\$ 14,000,000	\$ -
Universities	PA 17-2 Sec 378(i)(3)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at Central,, Eastern, Southern & Western Connecticut State University academic facilities & grounds	\$ 7,000,000	\$ 7,000,000	\$ -
Community Colleges	PA 17-2 Sec 378(i)(4)	Design/Build Contract base on Bids for Physical Plant Renovations at	\$ 6,000,000	\$ 6,000,000	\$ -
Community Colleges	PA 17-2 Sec 378(i)(5)	Alterations,, Renovations and Improvements to B Wing Building at Norwalk Community College	\$ 18,600,000	\$ -	\$ 18,600,000
Community Colleges	PA 17-2 Sec 378(i)(6)	New Maintenance and Office Building at Quinebaug Community College	\$ 476,088	\$ -	\$ 476,088
Community Colleges	PA 17-2 Sec 378(i)(7)(A)	Alterations, renovations and improvements to the White Building at Northwestern Community College	\$ 825,000	\$ -	\$ 825,000
Community Colleges	PA 17-2 Sec 378(i)(7)(B)	Alterations, renovations and improvements to the Greenwoods Hall at Northwestern Community College	\$ 2,685,817	\$ -	\$ 2,685,817



CONNECTICUT STATE COLLEGES UNIVERSITIES  
 AUTHORIZED BOND STATUS FY 07 - FY 19  
 AS OF MARCH 11, 2019

Agency	Public Act Special Act	Bond Program or Project Description	Authorized	Allotted	Unallocated
Community Colleges/Charter Oak/System Office	PA 17-2 Sec 397(h)(1)(A)	System Telecommunications Infrastructure Upgrades, Improvements and Expansions throughout State College and University System	\$ 2,000,000	\$ 2,000,000	\$ -
Community Colleges	PA 17-2 Sec 397(h)(1)(B)	Advanced Manufacturing and Emerging Technology Program at twelve (12) Community Colleges	\$ 2,875,000	\$ -	\$ 2,875,000
Community Colleges/Charter Oak/System Office	PA 17-2 Sec 397(h)(1)(C)	Security Improvements throughout the State College and University System	\$ 5,000,000	\$ -	\$ 5,000,000
Community Colleges, Charter Oak & System Office	PA 17-2 Sec 397(h)(2)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at 12 Community Colleges, Charter Oak College and System Office buildings	\$ 14,000,000	\$ -	\$ 14,000,000
Universities	PA 17-2 Sec 397(h)(3)	Deferred Maintenance, Code Compliance and Infrastructure Improvements at Central,, Eastern, Southern & Western Connecticut State University academic facilities & grounds	\$ 7,000,000	\$ -	\$ 7,000,000
Community Colleges	PA 17-2 Sec 397(h)(4)	Alterations and Improvements in compliance with ADA at Naugatuck Valley Community College	\$ 5,000,000	\$ -	\$ 5,000,000
Community Colleges	PA 17-2 Sec 397(h)(5)	Alterations, renovations and improvements to the White Building at Northwestern Community College	\$ 2,021,250	\$	\$ 2,021,250
All Universities	P.A. 07-7, Sec. 105 P.A 14-98, Sec 53 P.A 17-2, Sec 438(a)	Connecticut State University System - 2020 through FY 19	\$ 1,069,500,000	\$ 943,500,000	\$ 126,000,000

SEMI-ANNUAL REPORT ON THE STATUS AND PROGRESS OF CSUS 2020  
AS OF NOVEMBER 30, 2018

University	Project or Program	Estimated Total Project Cost	*Phase I Fiscal Years 2009 - 2011	Phase II Fiscal Years 2012 - 2014	Phase III Fiscal Years 2015-2020	Phase III Available as of Fiscal Year 2019	Total Available as of Fiscal Year 2019	Amount Committed 11/30/2018	Amount Expended as of 11/30/18	Projected Fiscal Year 2019	Scheduled Design Completion	Scheduled Construction Completion	Status/Comments
Central	Code Compliance/Infrastructure Improvements <u>Project Listing</u>	\$24,657,636	\$16,418,636	\$5,894,000	\$2,345,000	\$2,345,000	\$24,657,636	\$23,657,594	\$23,612,594	\$45,000			Multi-phased program.
	- Replace Maloney Hall Elevator		\$51,953	\$0	\$0	\$0	\$51,953	\$47,612	\$47,612	\$0	Jan-10	May-12	Complete
	- Window Replacements in Four Buildings		\$569,690	\$0	\$0	\$0	\$569,690	\$569,690	\$569,690	\$0	Apr-09	Apr-11	Complete
	- Burritt Library HVAC Code Compliance Improvements		\$1,989,000	\$0	\$0	\$0	\$1,989,000	\$1,808,007	\$1,808,007	\$0	Jan-15	Feb-16	Complete
	- Founder's Hall HVAC Installation		\$697,492	\$0	\$0	\$0	\$697,492	\$696,521	\$696,521	\$0	Mar-09	Aug-13	Complete
	- Davidson Hall Window & Door Replacements (phase 1 & 2)		\$1,961,987	\$0	\$0	\$0	\$1,961,987	\$1,961,987	\$1,961,987	\$0	Dec-09	Aug-13	Complete
	- Security Improvements to General Fund Buildings		\$805,542	\$0	\$0	\$0	\$805,542	\$805,542	\$805,542	\$0	Jun-11	Nov-13	Complete
	- Burritt Library Exterior Repairs		\$86,921	\$0	\$0	\$0	\$86,921	\$86,921	\$86,921	\$0	Jun-09	Jul-10	Complete
	- Burritt Library Renovation (Construction)			\$216,000	\$0	\$0	\$216,000	\$216,000	\$216,000	\$0	Oct-16	Mar-17	Complete
	- Kester Hall Gym and Lobby HVAC Improvements		\$82,500	\$0	\$0	\$0	\$82,500	\$82,016	\$82,016	\$0	Jul-09	Mar-12	Complete
	- Campus Wide Signage Program (Phase I)		\$534,370	\$0	\$0	\$0	\$534,370	\$533,631	\$533,631	\$0	May-10	Sep-13	Complete
	- Marcus White Fire Code Improvements		\$1,086,000	\$0	\$0	\$0	\$1,086,000	\$890,018	\$890,018	\$0	Sep-09	Dec-12	Complete
	- Replace Barnard Hall Roof/Entry Improvements		\$1,943,949	\$0	\$0	\$0	\$1,943,949	\$1,943,949	\$1,943,949	\$0	Feb-11	Jan-13	Complete
	- HVAC Improvements in General Fund Buildings (Phase 1, 2 & 3)		\$5,227,000	\$0	\$0	\$0	\$5,227,000	\$5,227,000	\$5,227,000	\$0	Sep-09	Oct-11	Complete
	- Remove Old Telecom Equipment from Buildings		\$0	\$327,000	\$0	\$0	\$327,000	\$326,024	\$326,024	\$0	Mar-14	Dec-16	Complete
	- Maloney Hall HVAC Improvements		\$0	\$1,004,000	\$0	\$0	\$1,004,000	\$532,162	\$532,162	\$0	Jun-13	Mar-15	Complete
	- Acute Field Stadium Turf Replacement		\$0	\$912,000	\$0	\$0	\$912,000	\$768,283	\$768,283	\$0	May-14	Aug-14	Complete
	- Improvements to <del>440</del> Building			\$0	\$0	\$0	\$0	\$0	\$0	\$0	T.B.D.	T.B.D.	Funds Reallocated to Cupertino Hall Low Roof Replacement
	- Cupertino Hall Low Roof Replacement			\$200,000	\$0	\$0	\$200,000	\$200,000	\$200,000	\$0	May-17	May-17	Complete
	- Minor Capital Improvements Program		\$987,500	\$3,235,000	\$0	\$0	\$4,222,500	\$4,222,500	\$4,222,500	\$0			Multiple Phased Program
	- Future Projects to be Determined		\$394,732	\$0	\$2,345,000	\$2,345,000	\$2,739,732	\$2,739,732	\$2,694,732	\$45,000	Jul-09	Ongoing	
	Renovate/Expand Willard and Ourestro Halls	\$61,085,000	\$0	\$5,892,000	\$55,193,000	\$55,193,000	\$61,085,000	\$60,626,384	\$53,906,812	\$7,200,000	Jun-15	Jan-19	In Construction
	New Classroom Office Building	\$29,478,000	\$29,478,000	\$0	\$0	\$0	\$29,478,000	\$29,478,000	\$29,478,000	\$0	Mar-11	Aug-13	Complete
	East Campus Infrastructure Development (construction only)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Funds Reallocated
	Burritt Library Design & Expansion/Renovations	\$16,500,000	\$0	\$0	\$16,500,000	\$14,300,000	\$14,300,000	\$0	\$0	\$500,000	Sep-19	Jul-20	Project Start-up

SEMI-ANNUAL REPORT ON THE STATUS AND PROGRESS OF CSUS 2020  
AS OF NOVEMBER 30, 2018

University	Project or Program	Estimated Total Project Cost	*Phase I Fiscal Years 2009 - 2011	Phase II Fiscal Years 2012 - 2014	Phase III Fiscal Years 2015-2020	Phase III Available as of Fiscal Year 2019	Total Available as of Fiscal Year 2019	Amount Committed 11/30/2018	Amount Expended as of 11/30/18	Projected Fiscal Year 2019	Scheduled Design Completion	Scheduled Construction Completion	Status/Comments
Western	Kaiser Hall Bubble Renovations	\$25,385,809	\$8,491,809	\$210,000	\$18,684,000	\$18,684,000	\$25,385,809	\$19,921,167	\$8,782,996	\$11,146,172	Apr-17	Aug-19	In Construction
	Engineering Classroom Building	\$62,700,000	\$9,900,000	\$0	\$52,800,000	\$0	\$9,900,000	\$8,410,603	\$2,343,823	\$5,066,780	Dec-16	Jan-21	In design with Constructin Funding Deferred to FY 2020
	Barnard Hall Renovations	\$22,000,000	\$3,680,000	\$18,320,000	\$0	\$18,320,000	\$22,000,000	\$2,269,302	\$2,000,000	\$269,302	Dec-18	Sep-20	Construction Contract Being Awarded
	New Maintenance/Salt Shed Facility	\$2,503,000	\$2,503,000	\$0	\$0	\$0	\$2,503,000	\$2,010,431	\$2,010,431	\$0	Oct-10	May-12	Complete
Eastern	Code Compliance/Infrastructure Improvements	\$14,720,470	\$8,255,113	\$4,825,000	\$1,640,357	\$1,640,357	\$14,720,470	\$13,541,124	\$13,141,096	\$1,040,333			Multi-phased program.
	<u>Project Listing</u>												
	- Campus Wide Brick Repointing Program		\$1,654,773	\$560,000	\$0	\$0	\$2,154,773	\$1,654,924	\$1,454,924	\$200,000	Jan-10	Ongoing	Phased Project.
	- Planetarium Window Replacement		\$115,766	\$0	\$0	\$0	\$115,766	\$115,766	\$115,766	\$0	Mar-09	Dec-09	Complete
	- Develop Major Campus Entrances		\$480,582	\$0	\$0	\$0	\$480,582	\$480,582	\$480,529	\$0	Dec-09	Apr-12	Complete
	- South Electrical Loop		\$221,291	\$0	\$0	\$0	\$221,291	\$221,189	\$221,189	\$0	Mar-09	Aug-09	Complete
	- High Temperature Hot Water Line Repairs		\$1,217,268	\$0	\$0	\$0	\$1,217,268	\$1,217,256	\$1,217,256	\$0	Aug-09	Dec-11	Complete
	- South Campus Heat Plant Foundation Repairs		\$399,513	\$0	\$0	\$0	\$399,513	\$399,508	\$399,508	\$0	Mar-11	Mar-11	Complete
	- Damper and Air Handler Controls in Webb Hall		\$37,250	\$0	\$0	\$0	\$37,250	\$37,250	\$37,250	\$0	Mar-09	Aug-09	Complete
	- Soccer Field Drainage Upgrade		\$338,282	\$0	\$0	\$0	\$338,282	\$299,437	\$299,437	\$0	Oct-10	Dec-10	Complete
	- Renovate 333 Prospect Street (Phase 1 & 2)		\$1,264,555	\$0	\$0	\$0	\$1,264,555	\$1,264,380	\$1,264,380	\$0	Jul-11	Jul-13	Complete
	- Alfordtun Sewer Main Replacement		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Project Postponed
	- Minor Capital Projects Program		\$2,341,965	\$4,325,000	\$640,357	\$640,357	\$7,307,322	\$6,666,965	\$6,666,965	\$640,357	Jul-09	Ongoing	Multi-phased program.
	- Sports Center Lobby Upgrades		\$183,868	\$0	\$0	\$0	\$183,868	\$183,868	\$183,868	\$0	Jan-14	Aug-14	Complete
	- Future Projects to Be Determined		\$0	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$800,024	\$199,976	Jul-15	Ongoing	Multi-phased program.
	Fine Arts Instructional Center	\$85,461,643	\$12,000,000	\$71,234,213	\$2,227,430	\$2,227,430	\$85,461,643	\$45,461,643	\$85,461,643	\$0	Mar-13	Jan-16	Complete
	Gudard Hall /Communications Building Renovation	\$32,951,000	\$0	\$2,872,787	\$30,078,213	\$30,078,213	\$32,951,000	\$29,858,969	\$22,895,456	\$6,963,413	Apr-15	Sep-19	In Construction
Athletic	Sports Center Addition and Renovation (design only)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Funds Reallocated to Communications Building
	Outdoor Track - Phase II	\$1,816,000	\$1,816,000	\$0	\$0	\$0	\$1,816,000	\$1,613,114	\$1,613,114	\$0	Mar-10	Dec-10	Complete
	Athletic Support Building	\$1,921,000	\$1,921,000	\$0	\$0	\$0	\$1,921,000	\$1,777,153	\$1,777,153	\$0	Dec-11	Dec-13	Complete
	New Warehouse	\$2,269,000	\$2,269,000	\$0	\$0	\$0	\$2,269,000	\$1,886,660	\$1,886,660	\$0	Jan-12	Sep-13	Complete

SEMI-ANNUAL REPORT ON THE STATUS AND PROGRESS OF CSUS 2020  
AS OF NOVEMBER 30, 2018

University	Project or Program	Estimated Total Project Cost	**Phase I Fiscal Years 2009 - 2011	Phase II Fiscal Years 2012 - 2014	Phase III Fiscal Years 2015-2020	Phase III Available as of Fiscal Year 2019	Total Available as of Fiscal Year 2019	Amount Committed 11/30/2018	Amount Expended as of 11/30/18	Projected Fiscal Year 2019	Scheduled Design Completion	Scheduled Construction Completion	Status/Comments
Southern	Code Compliance/Infrastructure Improvements	\$25,899,466	\$16,335,683	\$2,329,000	\$7,234,723	\$7,234,723	\$25,899,406	\$24,234,222	\$22,479,061	\$1,754,881			Multi-phased program.
	<u>Project Listing</u>												
	- Install Elevator/Entrance to Former Student Center		\$1,777,645	\$0	\$0	\$0	\$1,777,645	\$1,777,645	\$1,777,645	\$0	Aug-09	Jan-12	Complete
	- Shuttle System Infrastructure		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-	-	Funding Reallocated to Buley Library
	- Repairs to Pool in Moore Field House (Phases 1 & 2)		\$839,415	\$0	\$0	\$0	\$839,415	\$821,800	\$821,800	\$0	Mar-10	Sep-12	Complete
	- Moore Field House Mechanical and Electrical Improv. (Phase 1)		\$233,000	\$0	\$0	\$0	\$233,000	\$233,000	\$233,000	\$0	Sep-11	Aug-11	Complete
	- Earl Hall Mechanical/Electrical Upgrade		\$4,184,111	\$0	\$0	\$0	\$4,184,111	\$4,184,112	\$4,184,112	\$0	Sep-10	Aug-15	Complete
	- Jennings Hall Mechanical/Electrical Upgrade		\$4,495,163	\$0	\$0	\$0	\$4,495,163	\$4,495,198	\$4,495,198	\$0	Sep-10	Aug-15	Complete
	- Lyman Auditorium Mechanical/Electrical Upgrade		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-	-	Funding Reallocated to Buley Library
	- Admissions House Roof and Exterior Repairs		\$221,000	\$0	\$0	\$0	\$221,000	\$217,957	\$217,978	\$0	Aug-10	Mar-12	Complete
	- Less Dow Field Turf Replacement		\$743,262	\$0	\$0	\$0	\$743,262	\$725,071	\$725,071	\$0	Mar-11	Feb-12	Complete
	- Wintergreen Building Water Infiltration		\$370,760	\$0	\$0	\$0	\$370,760	\$366,468	\$366,468	\$0	Oct-11	Oct-13	Complete
	- Moore Field House Locker Room Renovations: Phase II & III		\$929,500	\$0	\$1,057,642	\$1,057,642	\$1,987,382	\$1,057,642	\$1,057,642	\$0	Jan-11	Jun-15	Complete
	- Moore Field House Roof Replacement - Phase II		\$0	\$0	\$772,264	\$772,264	\$772,264	\$772,264	\$772,264	\$0	Sep-14	Sep-15	Complete
	- Old Student Center North Wing Concept Design		\$20,000	\$0	\$0	\$0	\$20,000	\$0	\$0	\$0	-	-	Project Canceled
	- Earl Hall Communications Dept. Entrance/Security Corridor		\$47,687	\$0	\$0	\$0	\$47,687	\$0	\$0	\$0	-	-	Project on Canceled
	- Improvements to the Academic Mall		\$0	\$30,000	\$0	\$0	\$30,000	\$28,879	\$28,879	\$0	Jun-14	Mar-15	Complete
	- Wintergreen Building Renovations		\$0	\$0	\$1,972,815	\$1,972,815	\$1,972,815	\$1,965,301	\$1,965,301	\$0	Aug-15	Aug-16	Complete
	- Minor Capital Projects Program		\$2,432,845	\$2,299,000	\$0	\$0	\$4,731,845	\$4,731,845	\$4,731,845	\$0	Jul-09	Ongoing	Multi-phased program
	- Future Projects to Be Determined		\$41,295	\$0	\$3,431,962	\$3,431,962	\$3,473,257	\$2,857,000	\$1,102,119	\$1,754,881	Jul-15	Ongoing	Multi-phased program
	New Academic Laboratory Building	\$72,115,000	\$8,944,000	\$57,598,000	\$5,473,000	\$5,473,000	\$71,115,000	\$67,030,853	\$66,703,014	\$327,849	Jan-13	Feb-18	Project in Close-out
	Health and Human Services Building (Phase 1 and Phase 2)	\$76,507,344	\$0	\$0	\$76,507,344	\$21,507,344	\$21,507,344	\$5,576,416	\$2,448,474	\$5,500,000	Mar-19	Sep-21	In Design
	Fine Arts Instructional Center	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Funds reallocated to Phase 2 of Health & Human Services Building
	Buley Library - Phase 2	\$17,436,817	\$17,006,817	\$430,000	\$0	\$0	\$17,436,817	\$16,435,195	\$16,435,195	\$0	Jan-13	Apr-15	Complete
	School of Business	\$52,476,933			\$52,476,933	\$52,476,933	\$52,476,933	\$3,796,507	\$2,972,246	\$1,500,000	Dec-20	Mar-22	In Design

SEMI-ANNUAL REPORT ON T  
AS OF NOVEMBER 30, 2018

University	Project or Program	Estimated Total Project Cost	*Phase I Fiscal Years 2009 - 2011	Phase II Fiscal Years 2012 - 2014	Phase III Fiscal Years 2015-2020	Phase III Available as of Fiscal Year 2019	Total Available as of Fiscal Year 2019	Amount Committed 11/30/2018	Amount Expended as of 11/30/18	Projected Fiscal Year 2019	Scheduled Design Completion	Scheduled Construction Completion	Status/Comments
Western	Code Compliance/Infrastructure Improvements	\$17,640,330	\$7,658,330	\$2,731,000	\$7,251,000	\$7,251,000	\$17,640,330	\$14,977,801	\$13,578,033	\$1,352,660			Multi-phased program.
	<b>Project Listing</b>					\$0	\$0						
	- Feldman Arena Improvements		\$819,636	\$0	\$0	\$0	\$819,636	\$493,655	\$493,655	\$0	Sep-09	Jun-11	Complete
	- Midtown Perimeter Site Improvements		\$463,019	\$0	\$0	\$0	\$463,019	\$463,020	\$463,020	\$0	Apr-10	Jul-11	Complete
	- Campus Wide Utilities/Site Improvements		\$1,682,694	\$0	\$0	\$0	\$1,682,694	\$1,671,967	\$1,624,858	\$0	Jul-09	Mar-14	Complete
	- Higgins Annex HVAC Improvements		\$136,541	\$0	\$0	\$0	\$136,541	\$136,541	\$136,541	\$0	Sep-10	Jul-12	Complete
	- Higgins Hall and Annex: Roof Repairs/Replacements (Phase 1 & 2)		\$510,500	\$0	\$0	\$0	\$510,500	\$508,211	\$508,211	\$0	Jul-10	Oct-11	Complete
	- Higgins Annex Learning Emporium		\$174,531	\$0	\$0	\$0	\$174,531	\$173,216	\$173,216	\$0	May-13	Sep-13	Complete
	- Renovate Restrooms in Founders Hall: Waterbury Campus		\$186,213	\$0	\$0	\$0	\$186,213	\$186,213	\$186,213	\$0	Jun-09	Dec-10	Complete
	- Elevator Upgrades in Berkshire Hall		\$40,571	\$0	\$0	\$0	\$40,571	\$40,571	\$40,571	\$0	Oct-09	Feb-10	Complete
	- Install HVAC for M05/ODF and Server Rooms		\$350,000	\$0	\$0	\$0	\$350,000	\$397,735	\$397,735	\$0	Mar-10	Oct-11	Complete
	- Replace Portions of University Boulevard		\$297,723	\$0	\$0	\$0	\$297,723	\$297,723	\$297,723	\$0	Sep-09	Dec-10	Complete
	- Minor Capital Projects Program		\$2,498,217	\$2,654,048	\$0	\$0	\$5,152,265	\$5,152,265	\$5,152,265	\$0	Jul-12	May-18	Complete
	- Renovate Former Holy Trinity Church		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Project funding reallocated
	- Higgins Annex Classroom Renovations for Lecture Halls		\$498,686	\$0	\$0	\$0	\$498,686	\$498,686	\$498,686	\$0	Mar-11	Jan-12	Complete
	- Future Projects to Be Determined		\$0	\$0	\$5,957,000	\$5,957,000	\$5,957,000	\$4,558,000	\$3,605,340	\$1,352,660	Jul-15	Ongoing	Multi-phased program
System Wide	White Hall Renovation - Second & Third Floors	\$0	\$76,952	\$0	\$1,294,000	\$1,294,000	\$1,370,952	\$439,321	\$358,936	\$80,485	Aug-17	May-18	Complete
	Fine Arts Instructional Center	\$84,321,000	\$0	\$84,321,000	\$0	\$0	\$84,321,000	\$84,326,596	\$84,326,596	\$0	May-11	Aug-14	Complete
	Higgins Hall Renovations	\$34,576,000	\$0	\$2,982,000	\$31,594,000	\$31,594,000	\$34,576,000	\$21,908,121	\$8,763,138	\$13,144,883	Sep-17	Aug-19	In Construction
	<del>Berkshire Hall Renovation - Design only</del>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	<del>Feb-09</del>	<del>Feb-09</del>	
	University Police Department Building	\$6,445,000	\$0	\$4,745,000	\$1,700,000	\$1,700,000	\$6,445,000	\$6,445,000	\$6,274,607	\$170,393	Aug-15	Feb-18	In Close-out
	Midtown Campus Mini-Chiller Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	N.A.	N.A.	Project Cancelled
	New and Replacement Equipment	\$103,239,000	\$18,395,000		\$66,844,000	\$66,844,000	\$103,239,000	\$99,810,000	\$97,648,500	\$2,163,500	Ongoing	Ongoing	Multi-phased program.



SEMI-ANNUAL REPORT ON THE STATUS AND PROGRESS OF CSUS 2020  
AS OF NOVEMBER 30, 2018

University	Project or Program	Estimated Total Project Cost	*Phase I Fiscal Years 2009 - 2011	Phase II Fiscal Years 2012 - 2014	Phase III Fiscal Years 2015-2020	Phase II Available as of Fiscal Year 2019	Total Available as of Fiscal Year 2019	Amount Committed 11/30/2018	Amount Expended as of 11/30/18	Projected Fiscal Year 2019	Scheduled Design Completion	Scheduled Construction Completion	Status/Comments
	Alterations/Improvements, Auxiliary Service Facilities	\$53,672,422	\$13,672,422	\$15,000,000	\$25,000,000	\$25,000,000	\$53,672,422	\$30,447,589	\$36,981,426	-\$6,533,836	Ongoing	Ongoing	Multi-Phased Program
	CCSU- Barrows Hall Basement Renovations		\$0	\$236,663	\$0	\$0	\$236,663	\$236,663	\$236,663	\$0	Jun-13	Aug-13	Complete
	CCSU- HVAC Improvements In Res. Halls (Phase I, II & III)		\$1,937,000	\$0	\$0	\$0	\$1,937,000	\$1,716,853	\$1,716,853	\$0	Sep-09	Jul-14	Complete
	CCSU- Vance Hall Basement Renovations		\$0	\$134,800	\$0	\$0	\$134,800	\$134,800	\$134,800	\$0	Jun-13	Dec-13	Complete
	CCSU- Vance Hall Floors 1-6 Bathroom Renovations		\$0	\$106,023	\$0	\$0	\$106,023	\$106,023	\$106,023	\$0	Jun-13	Aug-13	Complete
	CCSU- Vance Hall Renovations- Ground, 1, 2, 5 & 6 Floor			\$770,176	\$0	\$0	\$770,176	\$770,176	\$770,176	\$0	Jun-15	Aug-15	Complete
	CCSU- Student Center & Memorial Hall Sidewalk Imp.		\$0	\$400,000	\$0	\$0	\$400,000	\$184,514	\$184,514	\$0	Jun-15	Aug-15	Complete
	CCSU- Vance Hall Door Lock Upgrades			\$379,904	\$0	\$0	\$379,904	\$379,904	\$379,904	\$0	Jun-15	Aug-15	Complete
	CCSU- Aux. Service Minor Capital Program		\$0	\$1,172,434	\$8,000,000	\$8,000,000	\$9,172,434	\$4,403,631	\$3,295,631	\$1,100,000	Ongoing	Ongoing	
	ECSU- Fire Alarm - Burnside/Crandall and Noble Halls.		\$655,465	\$0	\$0	\$0	\$655,465	\$655,465	\$655,465	\$0	Mar-12	Sep-12	Complete
	ECSU- High Rise Elevator Upgrades		\$625,441	\$0	\$0	\$0	\$625,441	\$625,441	\$625,441	\$0	Jan-12	Sep-13	Complete
	ECSU- Academic Quad Landscape		\$0	\$316,900	\$0	\$0	\$316,900	\$316,900	\$316,900	\$0			Complete
	ECSU- Aux. Service Minor Capital Program		\$0	\$341,286	\$5,000,000	\$5,000,000	\$5,341,286	\$2,106,317	\$1,958,126	\$148,090	Ongoing	Ongoing	Multiple Phased Program
	ECSU- HTHW Leaks Repairs Five Residential Halls			\$276,726	\$0	\$0	\$276,726	\$276,726	\$276,726	\$0	Dec-16	Dec-16	Complete
	ECSU- Hurley Hall Addition & Renovation Study		\$0	\$70,000	\$0	\$0	\$70,000	\$70,000	\$70,000	\$0	Apr-15	N.A.	Feasibility Study
	ECSU- Landscape at Mead, Neidgalk & Hurley		\$0	\$9,500	\$0	\$0	\$9,500	\$9,500	\$9,500	\$0	Jun-14	Sep-14	Complete
	ECSU- Low Rise Apartments Roof Replacements		\$456,759	\$0	\$0	\$0	\$456,759	\$456,760	\$456,760	\$0	Apr-11	Jul-12	Complete
	ECSU- Low Rise Apartments Structural Study (Phase 1)		\$17,500	\$0	\$0	\$0	\$17,500	\$17,500	\$17,500	\$0	Oct-10	Jan-11	Study Complete
	ECSU- Low Rise Apartments Walkway and Stair Replacement (Phase 1)		\$258,611	\$0	\$0	\$0	\$258,611	\$258,570	\$258,570	\$0	Apr-11	Dec-11	Complete
	ECSU- Low Rise Apartments Walkway and Stair Replacement (Phase 2)		\$170,949	\$0	\$0	\$0	\$170,949	\$170,949	\$170,949	\$0	Apr-11	Sep-12	Complete
	ECSU- Masonry Respointing Study & Repairs		\$0	\$76,000	\$0	\$0	\$76,000	\$46,680	\$46,680	\$0	Nov-13	Aug-15	Complete
	ECSU- Nobel Hall Cooling Tower		\$0	\$154,900	\$0	\$0	\$154,900	\$154,900	\$154,900	\$0	Jun-13	Dec-13	Complete
	ECSU- Occum Hall Building Automation		\$0	\$265,561	\$0	\$0	\$265,561	\$265,561	\$265,561	\$0	May-15	Aug-15	Complete
	ECSU- Student Center Lighting Control System		\$0	\$388,713	\$0	\$0	\$388,713	\$388,713	\$388,713	\$0	Jan-13	Aug-13	Complete
	ECSU- Windham St. Sidewalk Expansion		\$0	\$300,414	\$0	\$0	\$300,414	\$270,414	\$270,414	\$0	Jan-14	Aug-14	Complete
	SCSU- Repair/Resurface North Campus Parking Lot		\$1,126,265	\$0	\$0	\$0	\$1,126,265	\$1,055,895	\$1,055,895	\$0	Mar-12	Aug-12	Complete

SEMI-ANNUAL REPORT ON THE STATUS AND PROGRESS OF CSUS 2020  
AS OF NOVEMBER 30, 2018

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SCSU: Brownell Hall Mechanical & Electrical Improvements (Design)				\$332,345	\$0	\$0	\$332,345	\$308,738	\$308,738	\$0	Jul-15	Aug-15	Complete
SCSU: Aux. Service Minor Capital Program			\$0	\$320,010	\$6,970,000	\$6,970,000	\$7,290,010	\$4,352,337	\$3,969,026	\$390,311	Ongoing	Ongoing	Multiple Phased Program
SCSU: CT Hall Renovations			\$0	\$1,468,254	\$0	\$0	\$1,468,254	\$1,464,232	\$1,464,232	\$0	Mar-13	Aug-13	Complete
SCSU: Farnham Hall Renovations			\$5,190,671	\$0	\$0	\$0	\$5,190,671	\$4,377,238	\$4,977,238	\$0	Jan-09	Feb-12	Complete
SCSU: North Campus Water Infiltration Study			\$0	\$30,000	\$0	\$0	\$30,000	\$30,000	\$30,000	\$0	Jul-14	Sep-14	Complete
SCSU: 190 Pine Rock Existing Conditions Review				\$35,600	\$0	\$0	\$35,600	\$35,600	\$35,600	\$0	Jan-14	Mar-14	Complete
SCSU: Recreation Center Study			\$0	\$30,000	\$0	\$0	\$30,000	\$29,960	\$29,960	\$0	Jan-14	Mar-14	Complete
SCSU: Schwartz Hall Chiller/Cooling Tower			\$0	\$983,791	\$0	\$0	\$983,791	\$977,753	\$977,753	\$0	Apr-15	Aug-15	Complete
SCSU: West Campus Residence Hall Masonry Evaluation					\$30,000	\$30,000	\$30,000	\$23,610	\$23,610	\$0	Sep-16	Nov-16	Complete
WCSU: Residence Hall Repairs			\$1,081,000	\$0	\$0	\$0	\$1,081,000	\$975,194	\$417,151	\$562,043	Jul-10	Ongoing	Multiple phased projects
WCSU: Midtown Student Center Roof			\$985,000		\$0	\$0	\$985,000	\$985,000	\$985,000	\$0	Jul-15	Feb-17	
WCSU: Aux. Service Minor Capital Program				\$1,215,000	\$5,000,000	\$5,000,000	\$6,215,000	\$5,111,462	\$3,587,593	\$1,523,859	Ongoing	Ongoing	Multiple Project
- Future Projects to Be Determined			\$1,167,760	\$5,185,000	\$0	\$0	\$6,352,760	\$6,352,760	\$6,352,760	\$0	Jul-18	Jul-18	Complete
Telecommunications Infrastructure Upgrade		\$18,415,000	\$10,000,000	\$2,841,000	\$5,574,000	\$5,574,000	\$18,415,000	\$14,211,630	\$12,111,630	\$2,100,000	Ongoing	Ongoing	Multi-phased program. Per Public Act 10-44, effective July 1, 2010 phase I
<u>Project Listing</u>													
- CCSU: Upgrade Telecom Infrastructure in ITBO Building			\$832,297	\$0	\$0	\$0	\$0	\$832,297	\$832,297	\$0	Mar-10	Jan-13	Complete
- ECSU: Complete Network Backbone Loop; Admin. to Facilities			\$480,439	\$0	\$0	\$0	\$0	\$480,439	\$480,439	\$0	Oct-09	Mar-11	Complete
- SCSU: Admitt. Fiber and Conduit on North Side of Campus			\$85,000	\$0	\$0	\$0	\$0	\$85,000	\$85,000	\$0	Jan-10	Oct-11	Complete
- WCSU: Redundant Dark Fiber to Westside Campus			\$298,000	\$0	\$0	\$0	\$0	\$298,000	\$298,000	\$0	Mar-10	Jul-11	Complete
- System-Wide Infrastructure Upgrades			\$8,304,264	\$2,841,000	\$5,574,000	\$2,574,000	\$13,719,264	\$13,719,264	\$13,572,719	\$0	Jul-09	Ongoing	Multi-Phase Program
Land and Property Acquisition		\$10,250,190	\$3,650,190	\$2,600,000	\$4,000,000	\$4,000,000	\$10,250,190	\$6,823,626	\$4,000,000	\$2,823,626	Jul-09	Ongoing	Multi-phased program. Per Public Act 10-44, effective July 1, 2010 phase I
Deferred Maintenance/Code Compliance Infrastructure Improvement		\$48,557,000			\$48,557,000	\$48,557,000	\$48,557,000	\$38,028,648	\$1,897,521	\$16,131,127	Jul-15	Ongoing	Multi-phased program.
Strategic Master Plans of Academic Programs		\$3,000,000			\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$2,992,898	\$7,102	Jan-15	Ongoing	Multi-phased program.
Consolidation & Upgrade of System Student Financial Information Technology System		\$20,000,000			\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$0	Oct-15	Dec-16	Complete
Advanced Manufacturing at Ashtabuck Community College		\$25,500,000			\$25,500,000	\$25,500,000	\$25,500,000	\$24,417,724	\$23,438,221	\$979,503	Feb-16	Jan-19	In Close-out Phase
Supplemental Project Funding		\$16,000,000			\$16,000,000	\$0	\$0						
Totals:		\$1,069,500,000	\$190,000,000	\$2,850,000,000	\$594,500,000	\$468,500,000	\$943,500,000	\$761,830,023	\$692,860,477	\$73,731,174			

## DESCRIPTION OF CAPITAL PROGRAM

1

CHEFA BOND SERIES A - SERIES P

DESCRIPTION OF CAPITAL PROGRAM

University	Project Title	Project Cost	Anticipated State Funds	CHEFA Series A Bonds	CHEFA Series B Bonds	CHEFA Series C Bonds	CHEFA Series D Bonds	CHEFA Series E Bonds	CHEFA Series G Bonds	CHEFA Series J Bonds	CHEFA Series M Bonds	CHEFA Series N Bonds	CHEFA Series O Bonds	Anticipated CHEFA Series P Bonds Excess Proceeds	To Fund With Future Bonds or Excess Proceeds
Southern	Renovate Schwartz Hall	5,404,240	350,000	4,786,779	187,335	-	80,126	-	-	-	-	-	-	-	-
	Window Replacements in Residence Halls	2,017,742	170,000	1,705,279	52,463	-	-	-	-	-	-	-	-	-	-
	Repair/Resurface Parking Lots	2,963,963	1,156,288	42,803	496,460	475,700	-	-	-	298,712	494,000	-	-	-	-
	Minor Capital Improvements: Phase I Program	552,722	-	552,722	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase II Program	333,368	-	-	333,368	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase III Program	630,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase IV Program	1,545,000	1,545,000	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase V Program	304,432	-	-	-	304,432	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase VI Program	1,033,931	870,000	-	-	143,931	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase VII Program	1,000,000	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase VIII Program	1,000,000	1,000,000	-	-	-	292,151	-	207,849	-	-	-	-	-	-
	Minor Capital Improvements: Phase IX Program	500,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase X Program	194,600	194,600	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase XI Program	1,100,000	-	-	-	-	-	-	-	1,100,000	-	-	-	-	-
	Minor Capital Improvements: Phase XII Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase XIII Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase XIV Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase XV Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Projects Program	3,908,025	-	-	-	-	-	-	-	-	-	-	-	3,908,025	-
	Dormitory Brick Renovation	97,000	97,000	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Fitch Street Parking Garage	7,097,246	170,510	-	4,880,249	2,946,487	-	-	-	-	-	-	-	-	-
	Construct New Student Center	35,040,745	-	273,756	-	3,120,702	31,646,288	-	-	529,000	3,193,000	-	-	-	-
	Install Sprinklers in Dormitories	7,683,573	-	-	-	1,165,865	6,447,678	-	70,000	-	3,365,000	-	-	-	-
	Construct New Residence Hall and Parking Garage	28,999,447	-	-	-	-	-	28,999,447	-	-	-	-	-	-	-
	Repair West Campus Access Road and Parking Lots	1,725,935	-	-	-	-	-	-	1,725,935	-	-	-	-	-	-
	Dormitory Roof Replacements	1,435,859	132,369	-	-	-	-	-	1,303,530	-	-	-	-	-	-
	North Campus Residence Hall: Replace Windows, Doors, Brick	987,178	-	-	-	-	-	-	987,178	-	-	-	-	-	-
	Renovate Farnham Hall	6,746,960	5,463,621	-	-	-	1,273,801	4,397,881	9,538	14,343,419	-	-	-	428,443	3,684,474
	New Parking Garage	20,771,300	2,030,000	-	-	-	-	-	-	-	-	-	-	2,608,176	2,761,996
	Connected Hall Upgrade Two Elevators	194,600	194,600	-	-	-	-	-	-	-	-	-	-	1,000,000	5,000,000
	New Residence Hall	3,722,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Blowout Hall Renov. Mech. Syst., Windows, Security	3,365,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	No. Campus Residence Hall Upgrade Bathrooms/Security	1,102,900	-	-	-	-	-	-	-	1,102,900	-	-	-	-	-
	Roof Replacement Program	428,443	-	-	-	-	-	-	-	-	-	-	-	-	-
	Parking Lot Renovations	250,635	-	-	-	-	-	-	-	-	-	-	-	-	-
	Residential Halls Security Upgrades	1,000,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Residential Halls Masonry Repairs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Western	Renov. Newbury Hall Incl. Code Compl. Improv.	873,890	-	873,890	-	-	-	-	-	-	-	-	-	-	-
	Renov. Newbury Hall	130,900	7,200	123,700	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase I Program	100,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase II Program	225,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase III Program	403,000	-	-	-	403,000	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase IV Program	553,500	-	-	-	48,500	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase V Program	365,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase VI Program	500,000	-	-	-	-	310,401	-	189,599	-	-	-	-	-	-
	Minor Capital Improvements: Phase VII Program	922,000	-	-	-	-	-	-	-	922,000	1,397,000	-	-	-	-
	Minor Capital Improvements: Phase VIII Program	1,397,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase IX Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase X Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Improvements: Phase XI Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Minor Capital Projects Program	1,500,000	-	-	-	-	-	-	-	-	-	-	-	1,500,000	-
	Construct Westside Residence Hall	21,661,676	-	15,659,757	5,802,919	-	-	-	-	-	-	-	-	-	-
	Renovations and Additions to Memorial Hall	8,696,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renov. Fairfield Hall Incl. Code Compl. Improv.	631,515	61,790	569,725	-	-	-	-	-	-	-	-	-	-	-
	Renov. Grasso Hall Incl. ADA Compl. Improv.	2,124,700	2,124,700	-	-	-	-	-	-	-	-	-	-	-	-
	Litchfield Hall: HVAC/EMS Improvements	120,000	-	-	-	-	-	-	-	-	-	-	-	-	-
	Construct Westside Student Center	17,226,819	-	-	-	-	-	-	-	-	-	-	-	-	-
	Newbury Hall: HVAC Installation	1,345,780	-	-	-	1,218,000	2,197,000	13,811,819	773,388	-	-	-	-	-	-
	Construct New Residence Hall and Parking Garage	29,722,208	-	-	50,000	92,428	-	429,855	-	-	-	-	-	-	-
	Construct Second Midtown Campus Parking Garage	17,150,672	-	-	-	-	-	29,722,208	17,150,672	-	-	-	-	-	-
	Renovate Fairfield Hall	7,256,543	6,606,578	-	-	-	-	-	649,965	-	-	-	-	-	-
	Westside Campus Parking Garage	1,233,000	-	-	-	-	-	-	-	-	1,233,000	-	-	-	-
	Residence Halls: Exterior Repairs	1,081,000	780,221	-	-	-	-	-	-	300,779	-	-	-	-	-
	Litchfield Hall Renovations	10,194,000	-	-	-	-	-	-	-	1,064,000	9,130,000	-	-	-	-
	Newbury Hall Renovations	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Telecom. Infrastructure Upgrades in Residence Halls	680,000	-	-	-	-	-	-	-	680,000	-	-	-	-	-
	Litchfield Hall Renovations	6,000,000	-	-	-	-	-	-	-	-	-	-	-	6,000,000	-
	Midtown Student Center Site, Lighting & Security Improvements	500,000	-	-	-	-	-	-	-	-	-	-	-	500,000	-
	Midtown Student Center Commercial Kitchen Renov. (Design)	1,600,000	-	-	-	-	-	-	-	-	-	-	-	1,600,000	-
	5th Ave. Parking Garage Security & Access Control	300,000	-	-	-	-	-	-	-	-	-	-	-	300,000	-
	5th Ave. Parking Garage CCTV & Mass Notification	400,000	-	-	-	-	-	-	-	-	-	-	-	400,000	-
	TOTALS:	\$ 552,948,756	\$ 67,342,720	\$ 45,172,335	\$ 41,558,694	\$ 22,338,588	\$ 73,673,552	\$ 132,310,806	\$ 49,876,399	\$ 25,875,979	\$ 36,559,000	\$ 82,000,000	\$ -	\$ 58,238,684	\$ 44,315,957

\* Subject to Change



# CSCU CAPITAL PROGRAM

## Visual Overview



Front Elevation



Entrance Lobby

## Housatonic Community College – New Addition

Status: Complete  
Occupancy: 2018  
Budget: \$40,400,000  
Funding Source: CSCU 2020



# CSCU CAPITAL PROGRAM

## Visual Overview



New Entrance Lobby Rendering

## Eastern Connecticut State University - Goddard & Communications Buildings Renovation

Status: Communications Building Complete  
Goddard Building in Construction  
Occupancy: August 2018 & August 2019  
Budget: \$31,382,000  
Funding Source: CSCU 2020

# CSCU CAPITAL PROGRAM

## Visual Overview



Building Connector West Entrance



Interior Lobby

## Central Connecticut State University – Willard & DiLoreto Halls

Status: Complete  
Occupancy: December, 2019  
Budget: \$63,400,000  
Funding Source: G.O. Bond Funds , CSCU 2020



# CSCU CAPITAL PROGRAM

## Visual Overview



### Advanced Manufacturing Laboratories

## Asnuntuck Community College - Advanced Manufacturing

Status: Complete  
Occupancy: September, 2018  
Budget: \$4,800,000  
Funding Source: CSCU 2020

# CSCU CAPITAL PROGRAM

## Visual Overview



Front Elevation Rendering

## Western Central Connecticut State University - Higgins Hall

Status: In Construction  
Occupancy: August 2019  
Budget: \$34,576,000  
Funding Source: CSCU 2020



# CSCU CAPITAL PROGRAM

## Visual Overview



Front Elevation Rendering

## Central Connecticut State University - New Engineering Building

Status: Design  
Occupancy: December 2021  
Budget: \$62,700,000  
Funding Source: CSCU 2020



# CSCU CAPITAL PROGRAM

## Visual Overview



Front Elevation Rendering

## Southern Connecticut State University – Health & Human Services

Status: Design  
Occupancy: July 2021  
Budget: \$76,507,344  
Funding Source: CSCU 2020

# CSCU CAPITAL PROGRAM

## Visual Overview



South Entrance Elevation

## Central Connecticut State University – Kaiser Hall Annex

Status: In Construction  
Occupancy: August, 2019  
Budget: \$25,385,000  
Funding Source: CSCU 2020