

**VIRGINIA TECH**  
**2021-22**  
**CAPITAL OUTLAY PROJECT AUTHORIZATIONS**  
**as of May 31, 2021**

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**EDUCATIONAL AND GENERAL CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2022**

**(Dollars in Thousands)**

**as of May 31, 2021**

	TOTAL PROJECT AUTHORIZATION				ESTIMATED TOTAL EXPENSES June 30, 2021	ESTIMATED BALANCE AVAILABLE FOR FY2021	ESTIMATED ANNUAL BUDGET FY2022	ESTIMATED BALANCE AT CLOSE OF FY2022
	STATE SUPPORT	NONGENERAL FUND	AGENCY DEBT	TOTAL				
<u>Design Phase</u>								
Planning: Hitt Hall	\$ -	\$ 6,000	\$ -	\$ 6,000	\$ 5,100	\$ 900	\$ 900	\$ -
Undergraduate Science Laboratory Building	90,800	-	-	90,800	4,800	86,000	8,000	78,000
Innovation Campus - Academic Building	168,000	-	134,136	302,136	12,500	289,636	22,000	267,636
Planning: Randolph Hall Replacement	-	-	11,000	11,000	72	10,928	2,500	8,428
Life, Health, Safety, Accessibility, & Code Compliance	3,100	-	-	3,100	75	3,025	155	2,870
<u>Construction Phase</u>								
Maintenance Reserve	29,824	-	-	29,824	11,407	18,417	14,300	4,117
Chiller Plant Phase II	32,655	10,312	-	42,968	35,000	7,968	5,000	2,968
Holden Hall Renovation	57,215	8,962	8,750	74,927	42,000	32,927	18,500	14,427
Livestock & Poultry Research Facilities, Phase I	25,274	-	-	25,274	2,100	23,174	4,000	19,174
Construct Virginia Seafood AREC	2,500	-	-	2,500	1,200	1,300	1,300	-
Corps Leadership and Military Science Building	-	20,650	31,350	52,000	5,000	47,000	10,000	37,000
Data and Decision Science Building	69,000	-	10,000	79,000	9,500	69,500	15,000	54,500
<u>Close-Out</u>								
Improve Kentland Facilities	12,463	-	-	12,463	12,100	363	363	-
Gas-Fired Boiler at the Central Steam Plant	-	8,200	-	8,200	8,000	200	200	-
Acquisition: Falls Church Property	-	-	2,850	2,850	-	2,850	2,850	-
<u>Equipment and Special Initiatives</u>								
Commonwealth Cyber Initiative	1,500	-	-	1,500	1,250	250	250	-
Fralin Biomedical Research Institute Equipment	18,133	-	-	18,133	9,500	8,633	8,633	-
Equipment for Workforce Development	9,434	-	-	9,434	-	9,434	5,075	4,358
Total Educational and General Projects	\$ 519,898	\$ 54,124	\$ 198,086	\$ 772,109	\$ 159,604	\$ 612,505	\$ 119,027	\$ 493,478

**AUXILIARY ENTERPRISE CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2022**

**(Dollars in Thousands)**

**as of May 31, 2021**

	TOTAL PROJECT BUDGET AUTHORIZATION				ESTIMATED TOTAL EXPENSES June 30, 2021	ESTIMATED BALANCE AVAILABLE FOR FY2021	ESTIMATED ANNUAL BUDGET FY2022	ESTIMATED BALANCE AT CLOSE OF FY2022
	STATE SUPPORT	NONGENERAL FUND	AGENCY DEBT	TOTAL				
<u>Design Phase</u>								
Student Wellness Improvements	\$ -	\$ 13,310	\$ 44,690	\$ 58,000	\$ 5,080	\$ 52,920	\$ 2,500	\$ 50,420
Planning: Tennis Center Improvements	-	809	-	809	425	384	384	-
Dietrick First Floor and Plaza Renovation	-	8,300	-	8,300	980	7,320	1,200	6,120
Global Business & Analytics Complex Residence Halls	-	-	84,000	84,000	1,043	82,957	-	81,600
New Upper Quad Residence Hall	-	-	40,000	40,000	2,480	37,520	6,500	31,020
<u>Construction Phase</u>								
Maintenance Reserve	-	8,000	-	8,000	-	8,000	8,000	-
Creativity & Innovation District LLC	-	15,880	89,620	105,500	88,000	17,500	9,000	8,500
<u>Close-Out</u>								
Student-Athlete Performance Center	-	20,417	-	20,417	20,000	417	417	(0)
Total Auxiliary Enterprise Projects	\$0	\$66,715	\$258,310	\$325,025	\$118,008	\$207,017	\$28,001	\$177,660
GRAND TOTAL ALL CAPITAL PROJECTS	<u>\$519,898</u>	<u>\$120,840</u>	<u>\$456,396</u>	<u>\$1,097,134</u>	<u>\$277,612</u>	<u>\$819,522</u>	<u>\$147,027</u>	<u>\$671,138</u>

## NARRATIVE DESCRIPTIONS OF CAPITAL PROJECTS

### Educational and General Projects

Planning: Hitt Hall: This planning project is for Hitt Hall and houses an expansion of Myers-Lawson School of Construction, a new dining center, and other academic spaces.

Planning: Undergraduate Science Laboratory Building: This planning project will design a new 102,000 gross square foot state of the art science laboratory building adjacent to the new Classroom Building and West Campus Drive.

Innovation Campus – Academic Building: This project is a new 300,000 gross square foot academic building as part of the Innovation Campus in Alexandria Virginia.

Planning: Randolph Hall Replacement: This planning project will design the replacement of Randolph Hall to accommodate the instruction and research programs of Computer Science, Aerospace & Ocean Engineering, Chemical Engineering, Mechanical Engineering, and Engineering Education. The final project would be 284,000 gross square feet of engineering instruction and research space to accommodate these high demand engineering fields.

Life, Health, Safety, Accessibility, & Code Compliance: This project improves pedestrian connectors to ensure accessible service in the North Academic District.

Maintenance Reserve: Since 1982, the Commonwealth has allocated General Fund support for preserving and extending the useful life of state-owned E&G facilities. This ongoing project covers a wide range of building and campus infrastructure repair and replacement work.

Chiller Plant Phase II: This project continues the strategic infrastructure advancements initiated by the Chiller Plant, Phase I project. Phase II includes the upgrade of campus utility systems and addresses several strategic needs for shifting the campus to a lower resource consuming cooling service with improved redundancies.

Holden Hall Renovation: This project will renovate and expand Holden Hall to accommodate the instruction and research programs of Material Science Engineering, Mining/Mineral Engineering, and Computer Science Engineering. The final project would be 101,000 gross square feet of engineering instruction and research space to accommodate these high demand engineering fields.

Livestock and Poultry Research Facilities, Phase I (229): This project is for the first of two phases to renew the existing facilities for the livestock and poultry programs. This first phase includes an approximate total scope of 126,000 gross square feet of facilities at the Blacksburg campus and three nearby university production and research farms.

Construct Virginia Seafood AREC: Through a collaborative effort between the University, the Foundation, and the City of Hampton, the existing facility will be replaced with a new 15,000 gross square foot facility.

Corps Leadership and Military Science Building: This project will build a 75,500 gross square foot building to centralize and consolidate the Corps of Cadets and ROTC programs in the Upper Quad.

Data and Decision Science Building: This project will design and construct a new 120,000 gross square foot instruction building.

Improve Kentland Facilities (229): This project is for the replacement of several dairy science research facilities with modern agricultural facilities that meet the needs of research projects that support industry and government.

Gas-Fired Boiler at the Central Steam Plant: This project installs a new gas-fired boiler within the central steam plant.

Acquisition – Falls Church Property: This project acquires 5.33 acres adjoining the Falls Church Center owned by the City of Falls Church.

Commonwealth Cyber Initiative: This project makes improvements to support the Commonwealth Cyber Initiative Hub renovations, space enhancements, and equipment.

Fralin Biomedical Research Institute Equipment: This funding supports the VTC Biomedical Expansion project located in Roanoke and will provide the equipment authorized by the 2020 Acts of Assembly.

Equipment for Workforce Development: This project supports space and equipment purchases to support the instructional programs that support the Tech Talent Pipeline.

### Auxiliary Enterprises Projects

*(The following projects are supported by revenues from overhead, auxiliary enterprise operations, and private gifts donated for specific uses.)*

Student Wellness Improvements: This project includes renovations and refurbishments to War Memorial and Schiffert Health Center in McComas Hall.

Planning: Tennis Center Improvements: This project includes planning for Tennis improvements.

Dietrick First Floor and Plaza Renovation: This project includes refurbishing the first floor of Dietrick Hall, inserting a modern food service venue, enclosing a portion of the overhang, and improvements to the outdoor plaza.

Global Business and Analytics Complex Residence Hall: This project is a new living-learning community with approximately 700 beds, including the Cranwell International Center.

New Upper Quad Residence Hall: This project will provide the Corps of Cadets an additional 313 beds while replacing Femoyer Hall.

Maintenance Reserve: The auxiliary Maintenance Reserve program was initiated in 1994 to preserve and extend the useful life of auxiliary enterprise facilities. This project covers a wide range of building infrastructure repair and replacement work. The resources to support this program are provided by the auxiliary units.

Creativity & Innovation District Living Learning Community (LLC): This project is a new residential community with approximately 596 beds, including 176 beds for student-athletes, and academic collaborative spaces to support creativity and innovation programs.

Student-Athlete Performance Center: This project includes a complete renovation of the fourth floor of the Jamerson Center, construction of a balcony cantilevered from the fourth floor, and a new elevator tower.

**CAPITAL PROJECTS TARGETED TO CLOSE IN FISCAL YEAR 2021**

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**as of May 31, 2021**

	TOTAL PROJECT AUTHORIZATION				ESTIMATED TOTAL EXPENSES June 30, 2021	ESTIMATED UNUSED AUTHORIZATION BALANCE June 30, 2021
	STATE SUPPORT	NONGENERAL FUND	AGENCY DEBT	TOTAL BUDGET		
<u>Educational and General Projects</u>						
VTC Biomedical Research Expansion	51,554	5,267	34,875	91,696	89,696	2,000
 Total Educational and General Projects	<u>\$51,554</u>	<u>\$5,267</u>	<u>\$34,875</u>	<u>\$91,696</u>	<u>\$89,696</u>	<u>\$2,000</u>
 <u>Auxiliary Enterprises Projects</u>						
Lane Substation Expansion	\$0	\$2,000	\$4,500	\$6,500	\$3,781	\$2,719
Athletics Weight Room Renovation & Expansion	-	4,500	-	4,500	4,500	0
Planning: Slusher Replacement	-	3,500	-	3,500	1,264	2,236
 Total Auxiliary Enterprise Projects	<u>\$0</u>	<u>\$10,000</u>	<u>\$4,500</u>	<u>\$14,500</u>	<u>\$9,545</u>	<u>\$4,955</u>
 Total Projects Closed in Fiscal Year 2020	<u><u>\$51,554</u></u>	<u><u>\$15,267</u></u>	<u><u>\$39,375</u></u>	<u><u>\$106,196</u></u>	<u><u>\$99,241</u></u>	<u><u>\$6,955</u></u>