

**VIRGINIA TECH**  
**2021-22**  
**CAPITAL OUTLAY PROJECT AUTHORIZATIONS**  
**as of May 31, 2022**

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**EDUCATIONAL AND GENERAL CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2023**

**(Dollars in Thousands)**

**as of May 31, 2022**

	TOTAL PROJECT AUTHORIZATION				ESTIMATED TOTAL EXPENSES June 30, 2022	ESTIMATED BALANCE AVAILABLE FOR FY2023	ESTIMATED ANNUAL BUDGET FY2023	ESTIMATED BALANCE AT CLOSE OF FY2023
	STATE SUPPORT	NONGENERAL FUND	AGENCY DEBT	TOTAL				
<u>Design Phase</u>								
Mitchell Hall (Randolph Hall Replacement)	\$ 223,400	\$ -	\$ 24,600	\$ 248,000	\$ 1,500	\$ 246,500	\$ 4,400	\$ 242,100
Life, Health, Safety, Accessibility, & Code Compliance	10,400	-	-	10,400	190	10,210	2,910	7,300
Planning: New Business Building	-	8,000	-	8,000	-	8,000	3,000	5,000
Planning: Relocate Hampton Roads AREC	500	-	-	500	-	500	200	300
<u>Construction Phase</u>								
Maintenance Reserve	21,580	-	-	21,580	-	21,580	18,961	2,619
Livestock & Poultry Research Facilities, Phase I	25,274	-	-	25,274	19,000	6,274	6,274	-
Corps Leadership and Military Science Building	-	20,650	31,350	52,000	26,000	26,000	20,000	6,000
Data and Decision Science Building	69,000	-	10,000	79,000	55,800	23,200	20,000	3,200
Innovation Campus - Academic Building	168,000	-	134,136	302,136	49,300	252,836	88,000	164,836
Hitt Hall	-	31,259	53,741	85,000	12,500	72,500	28,000	44,500
Undergraduate Science Laboratory Building	90,412	-	-	90,412	8,000	82,412	30,000	52,412
<u>Equipment and Special Initiatives</u>								
Commonwealth Cyber Initiative	1,500	-	-	1,500	1,340	160	160	-
Fralin Biomedical Research Institute Equipment	18,133	-	-	18,133	9,000	9,133	6,500	2,633
Equipment for Workforce Development	24,902	-	-	24,902	5,200	19,702	3,000	16,702
<u>Close-Out</u>								
Kentland	12,463	-	-	12,463	12,311	152	152	-
Gas Fired Boiler	-	8,200	-	8,200	8,038	162	162	-
Chiller Plant Phase II	32,655	10,312	-	42,968	39,800	3,168	3,168	-
Holden Hall Renovation	57,215	8,962	8,750	74,927	69,600	5,327	5,327	-
<b>Total Educational and General Projects</b>	<b>\$ 755,434</b>	<b>\$ 87,383</b>	<b>\$ 262,577</b>	<b>\$ 1,105,395</b>	<b>\$ 317,579</b>	<b>\$ 787,816</b>	<b>\$ 240,213</b>	<b>\$ 547,603</b>

**AUXILIARY ENTERPRISE CAPITAL PROJECT AUTHORIZATIONS FOR FISCAL YEAR 2023**

**(Dollars in Thousands)**

**as of May 31, 2022**

	<u>TOTAL PROJECT BUDGET AUTHORIZATION</u>				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	\$ -	\$ 19,592	\$ 50,408	\$ 70,000	\$ 5,865	\$ 64,135	\$ -	\$ 64,135
<u>Construction Phase</u>								
Maintenance Reserve	-	9,200	-	9,200	-	9,200	<b>9,200</b>	-
New Upper Quad Residence Hall	-	2,000	40,000	42,000	15,600	26,400	<b>18,000</b>	8,400
Dietrick Renovation	-	9,131	-	9,131	1,600	7,531	<b>5,000</b>	2,531
<u>Close-Out</u>								
Creativity & Innovation District LLC	-	15,880	89,620	105,500	102,936	2,564	<b>2,564</b>	-
Total Auxiliary Enterprise Projects	<u>\$0</u>	<u>\$55,803</u>	<u>\$180,028</u>	<u>\$235,831</u>	<u>\$126,002</u>	<u>\$109,829</u>	<u>\$34,764</u>	<u>\$75,065</u>
GRAND TOTAL ALL CAPITAL PROJECTS	<u><u>\$755,434</u></u>	<u><u>\$143,186</u></u>	<u><u>\$442,605</u></u>	<u><u>\$1,341,226</u></u>	<u><u>\$443,581</u></u>	<u><u>\$897,645</u></u>	<u><u>\$274,977</u></u>	<u><u>\$622,668</u></u>

## NARRATIVE DESCRIPTIONS OF CAPITAL PROJECTS

### Educational and General Projects

Mitchell Hall (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.

Planning: New Business Building: This planning project will design a 104,000 gross square foot building for the Pamplin College of Business.

Planning: Relocate Hampton Roads AREC (229): This project will design a replacement for the Hampton Roads AREC.

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.

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.

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 build a new 120,000 gross square foot instruction building.

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.

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

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

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.

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.

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.

### 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.

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.

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

Dietrick Renovation: This project includes refurbishing the first floor of Dietrick Hall, inserting a modern food service venue and enclosing a portion of the overhang.

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.

**CAPITAL PROJECTS TARGETED TO CLOSE IN FISCAL YEAR 2022**

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**as of May 31, 2022**

	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>						
Acquisition: Falls Church Property	-	-	2,850	2,850	0	2,850
Virginia Seafood AREC	2,500	-	-	2,500	2,500	0
Total Educational and General Projects	<u>\$2,500</u>	<u>\$0</u>	<u>\$2,850</u>	<u>\$5,350</u>	<u>\$2,500</u>	<u>\$2,850</u>
<u>Auxiliary Enterprises Projects</u>						
Student-Athlete Performance Center	\$0	\$20,417	\$0	\$20,417	\$19,726	\$691
Athletic Facilities Improvements – Tennis	-	809	-	809	490	319
Global Business & Analytics Complex Residence Halls	0	0	84,000	84,000	1,269	82,731
Total Auxiliary Enterprise Projects	<u>\$0</u>	<u>\$21,225</u>	<u>\$84,000</u>	<u>\$105,225</u>	<u>\$21,485</u>	<u>\$83,741</u>
Total Projects Closed in Fiscal Year 2020	<u><u>\$2,500</u></u>	<u><u>\$21,225</u></u>	<u><u>\$86,850</u></u>	<u><u>\$110,575</u></u>	<u><u>\$23,985</u></u>	<u><u>\$86,591</u></u>