

Georgia Institute of Technology
Atlanta Campus Technology Fee Recommendations with Baseline Funding by
College/Division
Fiscal Year 2022

Division/Proposal	Amount Recommended for FY22 Funding including Baseline	% of Total Allocation
College of Computing		
AMD CPU and GPU Computing Infrastructure	\$ 127,532	
Systems Issues in Cloud Computing	\$ 24,000	
CRNCH Neuromorphic Testbed Expansion	\$ 61,660	
Robust Storage Expansion for PACE-ICE	\$ 26,450	
Next Generation Makerspaces	\$ 75,800	
RHEV Virtualization GPU Expansion	\$ 43,368	
Commodity GPU Expansion for Machine Learning	\$ 91,759	
Baseline	\$ 150,681	
College of Computing Total	\$ 601,250	12%
College of Design		
Core Software for instruction and student use	\$ 41,703	
Upgrade/Replace older Virtual Lab (MyCloud) Servers	\$ 45,011	
Virtual Acoustics System	\$ 198,500	
Fiber Laser - Metal cutting CNC machine	\$ 111,990	
Baseline	\$ 46,927	
College of Design Total	\$ 444,131	9%
College of Engineering		
Engineering software renewal/Computational resources in support of instruction	\$ 209,788	
Equipment for Environmental Engineering Teaching Lab	\$ 16,785	
Machining Equipment to Champion Student Innovation	\$ 129,201	
Lab Supersonic Wind Tunnel to Amplify Education	\$ 166,990	
Lightboards for remote/hybrid instruction (lectures, recitations and office hours)	\$ 52,693	
Digital Cadaver Virtual Dissection Device	\$ 81,800	
Equipment for the 24 ECE Undergraduate and Graduate Instructional Labs and Classes and the IDC Makerspace	\$ 161,447	
Flowers Invention Studio and Undergraduate Design/Fabrication Laboratory Equipment	\$ 186,308	
Experiential Learning Kits to Amplify Education	\$ 36,091	
Open-Access Thin Film Deposition Tool	\$ 50,819	
Acquisition of Laser Scanner for CEE Infrastructure Engineering Courses	\$ 107,680	
Virtual Collaborative Hardware Technologies for Undergraduate Design/Fabrication Laboratories	\$ 63,630	
Baseline	\$ 491,955	
College of Engineering Total	\$ 1,755,187	35%
College of Sciences		
Creating the Next Tech Tower	\$ 66,948	
Ultraviolet-Visible Spectrometers for Photochemical Experiments in First-year Chemistry Courses	\$ 28,120	
Real-time PCR in Biochemistry Lab courses	\$ 25,125	
Building multiscale research opportunities for undergraduate laboratories in neuroscience	\$ 98,066	
Equipment for fieldtrips in EAS and beyond	\$ 9,306	
Purchase of Horiba - Duetta spectrophotometers for Chemistry Instruction	\$ 73,170	
CRISPR gene editing on pollinator wing shapes for efficient and sustainable flight	\$ 44,048	
VR/AR/simulation equipment for academic experiences.	\$ 104,382	
Geophysical equipment to enhance field-based learning	\$ 24,959	
Baseline	\$ 181,621	
College of Sciences Total	\$ 655,745	13%
Ivan Allen College		
MobLab Interactive Online Gaming	\$ 12,975	
Arts@LMC	\$ 81,109	
Ivan Allen College Vlab/GPU-Stats Shared Computing Resources	\$ 84,857	
Baseline	\$ 75,392	
Ivan Allen College Total	\$ 254,333	5%
Scheller College of Business		
Scheller College/Campus Database, Software and Analytical Tools	\$ 347,951	
Baseline	\$ 84,880	
Scheller College of Business Total	\$ 432,832	9%
Library		
Library Circulating iPad Pros with LiDAR scanner, Apple Care, and accessories	\$ 13,250	
Library Total	\$ 13,250	0%
Office of Information Technology		
Software Licenses	\$ 863,060	
Overleaf	\$ 24,336	
Office of Information Technology Total	\$ 887,396	18%
Grand Total	\$ 5,044,123	100%

Computation of Baseline Allocations:	% of Contact Hours and Enrollment	Allocations
College of Computing	14.61%	\$ 150,681
College of Design	4.55%	\$ 46,927
College of Engineering	47.70%	\$ 491,955
College of Sciences	17.61%	\$ 181,621
Ivan Allen College	7.31%	\$ 75,392
Scheller College of Business	8.23%	\$ 84,880
Total Maintenance Allocations	100.0%	\$ 1,031,353