

Georgia Institute of Technology
Grants and Contracts Accounting
Service/Recharge Center Rate Studies
6/27/2014

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service					
					Basis	Amount						
1.	Center for Nanostructure Characterization	MSE	8/3/10	9/4/13	<u>EDUCATIONAL INSTITUTIONS RATE</u>							
					Hour	\$132	Personal Services-Director					
					Hour	\$74	Personal Services-Research Scientist					
					Hour	\$20	Hitachi S800 SEM Microscope					
					Hour	\$35	Leo 1530 SEM Microscope					
					Hour	\$35	Leo 1550 SEM Microscope					
					Hour	\$35	JEOL 100C TEM Microscope					
					Hour	\$35	JEOL 100CX-2 TEM Microscope					
					Hour	\$44	JEOL 4000EX TEM Microscope					
					Hour	\$15	Atomic Force Microscope					
					Hour	\$45	Hitachi HF-2000 TEM Microscope					
					Hour	\$20	JEM 6400 SEM Microscope					
					<u>INDUSTRIAL RATE</u>							
					Hour	\$132	Personal Services-Director					
					Hour	\$74	Personal Services-Research Scientist					
					Hour	\$100	Hitachi S800 SEM Microscope					
					Hour	\$100	Leo 1530 SEM Microscope					
					Hour	\$100	Leo 1550 SEM Microscope					
					Hour	\$100	JEOL 100C TEM Microscope					
					Hour	\$100	JEOL 100CX-2 TEM Microscope					
					Hour	\$100	JEOL 4000EX TEM Microscope					
					Hour	\$100	Atomic Force Microscope					
					Hour	\$100	Hitachi HF-2000 TEM Microscope					
					Hour	\$100	JEM 6400 SEM Microscope					
					2.	Glass Shop	Chemistry	4/12/12	10/9/13	Hour	\$30	Personal Services & Equipment Services, Internal (GA Tech)
										Hour	\$60	Personal Services & Equipment Services, External - Academic
										Hour	\$121	Personal Services & Equipment Services, External Industry
										Cost	Cost	Supplies
					3.	NEETRAC	ECE	11/30/10	9/30/13	Hour	\$120	Managers/Consultants
										Hour	\$91	Research Engineers
										Hour	\$68	Research Coordinators
										Hour	\$43	Research Technicians
										Hour	\$35	Graduate Research Assistants
										Hour	\$19	Undergraduate Research Assistants
Day	\$712	HVL Platform										
Day	\$215	Cable Platform										
Day	\$119	Mechanical Platform										
Day	\$250	MTF/Other Platform										
<u>Federal</u>												
Hour	\$116	Managers/Consultants										
Hour	\$80	Research Engineers										
Hour	\$63	Research Coordinators										
Hour	\$38	Research Technicians										
Hour	\$35	Graduate Research Assistants										
Hour	\$19	Undergraduate Research Assistants										
Day	\$712	HVL Platform										
Day	\$215	Cable Platform										
Day	\$119	Mechanical Platform										
Day	\$250	MTF/Other Platform										
Note: When platforms are used for multiple projects at the same time, hourly rates may be prorated among the users.												
4.	Machine Shop - College of Sciences	CoS	2/14/13	8/6/13	Hour	\$50	Full Service					
					Hour	\$10	Machine Services, Students					
5.	NMR Center	Chemistry	5/8/12	9/30/13	<u>EDUCATIONAL INSTITUTION RATES</u>							
					Hour	\$30	Personal Services, Other					
					Hour	\$11	Machine Services, Premium					
					Hour	\$6	Machine Services, Non-premium					
					<u>INDUSTRIAL RATES</u>							
					Hour	\$176	Personal Services, Other					
Hour	\$18	Machine Services, Premium										
Hour	\$18	Machine Services, Non-premium										
6.	Materials Characterization Facility	MiRC	3/30/09	9/30/13	<u>EDUCATIONAL INSTITUTION RATES</u>							
					Hour	\$60	Operator/Technical Consultation					
					Hour	\$35	Zeiss SEM					
					Hour	\$45	FEI NovaLab					
					Hour	\$45	FEI Quanta					
					Hour	\$20	Veeco AFM					
					Hour	\$30	XPS/ESCA					
					Hour	\$30	Atomika SIMS					
					Hour	\$20	DAGE X-Ray					
					Hour	\$20	Bruker Mass Spec					
					Hour	\$20	Hysitron					
					Hour	\$20	Alpha Step Profiler					
					Hour	\$20	WYCO Profiler					
					<u>INDUSTRIAL RATES</u>							
					Hour	\$60	Operator/Technical Consultation					
					Hour	\$100	Zeiss SEM					
Hour	\$189	FEI NovaLab										
Hour	\$189	FEI Quanta										
Hour	\$35	Veeco AFM										
Hour	\$124	XPS/ESCA										

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6.	Materials Characterization Facility (cont.)	MiRC	3/30/09	9/30/13	Hour	\$58	Atomika SIMS
					Hour	\$38	DAGE X-Ray
					Hour	\$27	Bruker Mass Spec
					Hour	\$35	Hysitron
					Hour	\$40	Alpha Step Profiler
					Hour	\$40	WYCO Profiler
7.	Masking Facility	MiRC	4/21/09	9/30/13			<u>EDUCATIONAL INSTITUTION RATES</u>
					Hour	\$60	Contact Print
					Hour	\$100	Pattern Generation
					Hour	\$125	Photorepeater
							<u>INDUSTRIAL RATES</u>
					Hour	\$203	Contact Print
					Hour	\$202	Pattern Generation
					Hour	\$284	Photorepeater
8.	MiRC Processing Service Center (CMOS)	MiRC	4/20/09	10/1/13			<u>ACADEMIC & GOVT. RATES</u>
					Hour	\$60	Processing Services
					Hour	\$30	Bonding Tools
					Hour	\$30	Screen Printer
					Hour	\$20	Enabler Tool
					Hour	\$20	Parylene Coater
					Hour	\$5	Lapping & Polishing Tools
							<u>INDUSTRIAL RATES</u>
					Hour	\$60	Processing Services
					Hour	\$59	Bonding Tools
					Hour	\$57	Screen Printer
					Hour	\$38	Enabler Tool
Hour	\$33	Parylene Coater					
Hour	\$10	Lapping & Polishing Tools					
9.	Cleanroom Access	IEN	2/1/13	9/30/13			<u>EDUCATIONAL INSTITUTION RATES</u>
					Month	\$100	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$200	Facility Entry Fee, (Organic Cleanroom)
					Hour	\$20	Cleanroom Supply Use Charge
							<u>INDUSTRIAL RATES</u>
					Month	\$100	Facility Entry Fee, (Inorganic Cleanroom)
					Month	\$550	Facility Entry Fee, (Organic Cleanroom)
Hour	\$20	Cleanroom Supply Use Charge					
10.	Printing and Copying Center	OIT	11/19/12	9/27/13	Hour	\$84	Desktop Services
					Hour	\$18	PrePress Services
					Hour	\$46	Ryobi Services
					Hour	\$45	Heidelberg Windmill Services
					Copy	\$0.023	Quick Copy Services, plus paper
					Copy	\$0.21	Color Copier, plus paper
					Hour	\$30	Bindery Hand Labor Services
					Hour	\$50	Cutter Services
					Hour	\$41	Bourg Services
					Hour	\$65	Folder Services
					Cost plus	0%	Postage Services
					Hour	\$62	Inkjet Mailer
					Hour	\$54	Envelope Inserter
					Hour	\$61	Small Bind Services
					Copy	\$0.04	Student Printing
					Copy	\$0.19	Student Color Printing
					Sq. Ft.	\$3.99	Wide Format Printing
Cost plus	15%	Supplies & Third Party					
11.	Rapid Prototyping and Manufacturing Lab (RPMI)	MARC	2/7/11	11/19/12			<u>Personal Services/Machine Services Rate:</u>
					Hour	\$40	Stereolithography Apparatus
					Hour	\$25	Instrument Services
					Hour	\$17	Fused Deposition Modeling
					Hour	\$17	Instrument Services
					Hour	\$13	Multi Jet Modeler
					Hour	\$13	Instrument Services
					Hour	\$10	FMSL Microfabrication Machine
					Hour	\$10	Instrument Services
12.	Precision Machining Research Center (PMRC)	MARC	5/10/12	11/19/12			<u>OTHER GEORGIA TECH DEPARTMENTS:</u>
					Hour	\$30	Personal Services
					Hour	\$15	Instrument Services
					Hour	\$30	Machine Services
							<u>OTHER EDUCATIONAL INSTITUTIONS:</u>
					Hour	\$35	Personal Services
					Hour	\$25	Instrument Services
					Hour	\$35	Machine Services
							<u>CORPORATE:</u>
					Hour	\$45	Personal Services
Hour	\$35	Instrument Services					
Hour	\$45	Machine Services					
13.	Office of Organizational Development	OOD	2/26/10	8/27/13			<u>Consulting:</u>
					Hour	\$50	Consulting Services- Director
					Day	\$500	Retreat Services - Director
14.	Communications and Marketing	COMM	7/31/08	9/5/13	Hour	\$50	Combined Personal Services /Production Services Rate

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15.	Packaging Research Center (PRC)	ECE	9/1/00	9/11/13			<u>INDUSTRIAL APPLIED RESEARCH</u>
					Hour	\$60	Mechanical Analysis Platform
					Hour	\$60	Assembly Materials
					Hour	\$60	Reliability Platform
					Hour	\$60	Lithography Platform
					Hour	\$75	Interconnect Test Platform
					Hour	\$75	Coating Platform
					Hour	\$100	Flip Chip Platform
					Hour	\$144	Plating Platform
					Hour	\$144	Functional Test Platform
Hour	\$144	Laser Platform					
16.	Mass Spectrometry Lab	Chemistry	10/10/12	9/30/13			<u>INTERNAL (GA Tech)</u>
					Hour	\$10	Personal Services
					Hour	\$10	Instrument Services
							<u>OTHER EDUCATIONAL INSTITUTIONS RATE</u>
					Hour	\$35	Personal Services
					Hour	\$40	Instrument Services
		<u>INDUSTRIAL RATE</u>					
Hour	\$71	Personal Services					
Hour	\$58	Instrument Services					
17.	Mass Spectrometry Lab	Biology	7/21/10	10/14/13			<u>INTERNAL (Biology & Other Georgia Tech)</u>
					Sample	\$130	Compound Specific
					Sample	\$5	Nutrient concentration measurement
					Sample	\$10	Gas Chromatography
					Sample	\$10	Solid Organic
					Sample	\$30	Dissolved Nutrient
							<u>EDUCATIONAL INSTITUTIONS RATE</u>
					Sample	\$130	Compound Specific
					Sample	\$5	Nutrient concentration measurement
					Sample	\$10	Gas Chromatography
					Sample	\$10	Solid Organic
					Sample	\$30	Dissolved Nutrient
							<u>OTHER</u>
					Hour	\$100	Consulting Services
Cost	Cost	Travel					
18.	Physiological Research Lab (Vivarium)	IBB	8/6/10	8/31/13	Hour	\$30	Assistance & Special Labor
					Hour	\$10	Room Rental (max 5hrs/day)
					per Item	\$2	Laundry Service
					per cage	\$20	Cage Splitting
					per use	\$45	Faxitron Use
					per day	\$20	Anesthesia Machine Use
					per cycle	\$25	Gas Plasma Sterilization
					Hour	\$30	Animal Procurement (minimum 1 hr/per order)
							<u>ANIMAL HUSBANDRY:</u>
							<u>Mice & Rats</u>
					Cage per Day	\$0.60	Mice-Conventional
					Cage per Day	\$0.90	Mice-Sterile Caging
					Cage per Day	\$0.90	Rats-Conventional
					Cage per Day	\$1.20	Rats-Sterile Caging
					Cage per Day	\$1.20	Rodent-Special Caging
							<u>Other Species</u>
					Animal Day	\$0.80	Lizard/Geckos
					Animal Day	\$2.79	Rabbits
					Animal Day	\$2.10	Guinea Pigs
					Animal Day	\$4.59	Cats
Cost plus	25%	<u>Supplies</u>					
19.	Histology Lab	IBB	1/23/09	9/24/13			<u>EDUCATIONAL INSTITUTIONS RATE</u>
							<u>Combined Personal Services/Instrument Services Rate</u>
					Block	\$5.00	Frozen Block, Embed Only
					Section	\$2.50	Frozen Sections
					Block	\$3.70	Paraffin Block, Process & Embed
					Section	\$1.75	Paraffin Sections
					Block	\$7.50	Plastic Block, Process & Embed
					Section	\$3.70	Plastic Sections
					Slide	\$2.25	Basic Stains (H&E)
					Slide	\$5.00	Special Stains
					Slide	\$7.00	Immunohistochemistry
					Block	\$5.00	Decalcification
							<u>Instrument Services Only Rate</u>
					Block	\$3.00	Frozen Block, Embed Only
					Section	\$1.50	Frozen Sections
					Block	\$2.00	Paraffin Block, Process & Embed
					Section	\$0.50	Paraffin Sections
					Block	\$6.00	Plastic Block, Process & Embed
					Section	\$1.70	Plastic Sections
					Slide	\$1.25	Basic Stains (H&E)
					Slide	\$3.00	Special Stains
					Slide	\$4.00	Immunohistochemistry
Block	\$3.00	Decalcification					
20.	Micro-Computed Tomography Facility	IBB/ME	2/22/12	9/30/13			<u>GEORGIA TECH & EXTERNAL INSTITUTES</u>
					Set Up	\$3.92	Set Up Charge

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20.	Micro-Computed Tomography Facility (cont.)	IBB/ME	2/22/12	9/30/13	Slice	\$0.07	Medium Resolution
					Slice	\$0.17	High Resolution
					Slice	\$0.34	Custom Resolution
					Hour	\$45.33	Additional Analysis
							<u>IBB INDUSTRY PARTNERS</u>
					Set Up	\$5.23	Set Up Charge
					Slice	\$0.09	Medium Resolution
					Slice	\$0.22	High Resolution
					Slice	\$0.45	Custom Resolution
					Hour	\$45.33	Additional Analysis
							<u>INDUSTRY</u>
					Set Up	\$6.54	Set Up Charge
					Slice	\$0.11	Medium Resolution
					Slice	\$0.28	High Resolution
					Slice	\$0.56	Custom Resolution
					Hour	\$45.33	Additional Analysis
21.	Georgia Industrial Fellowships for Teachers	CEISMC	9/7/10	9/28/12	Participant	\$1,500	<u>On Campus Rate</u> Administrative Charge
					Participant	\$2,250	<u>Off Campus Rate</u> Administrative Charge
22.	Testing Services	IPST	5/22/13	9/4/13			<u>INTERNAL, ACADEMIC, INDUSTRY MEMBERS</u>
					Hour	\$97	Senior Scientist
					Hour	\$65	Analyst
					Hour	\$36	Instrument Services
							<u>INDUSTRIAL - NON-MEMBER</u>
					Hour	\$149	Senior Scientist
Hour	\$99	Analyst					
Hour	\$150	<u>Consulting Services</u>					
23.	Technical Services Organization	CoC	4/7/09	10/4/13	EFT per year	\$4,950	Computing & Networking Services
24.	Interactive Media Technology Center	IMTC	9/2/10	10/1/13			<u>Digital Media Processing:</u>
							<u>OTHER GEORGIA TECH DEPARTMENTS:</u>
							Video Services:
					Hour	\$60	Personal Services
					Hour	\$50	Instrument Services
							Photography Services:
					Hour	\$65	Personal Services
					Hour	\$50	Instrument Services
					Hour	\$45	Facility Use:
					Hour	\$80	Consulting:
							<u>OTHER EDUCATIONAL INSTITUTIONS:</u>
							Video Services
					Hour	\$60	Personal Services
					Hour	\$50	Instrument Services
							Photography Services
					Hour	\$65	Personal Services
Hour	\$50	Instrument Services					
Hour	\$45	Facility Use:					
Hour	\$80	Consulting:					
		<u>CORPORATE:</u>					
		Video Services					
Hour	\$60	Personal Services					
Hour	\$50	Instrument Services					
		Photography Services					
Hour	\$65	Personal Services					
Hour	\$50	Instrument Services					
Hour	\$45	Facility Use:					
Hour	\$80	Consulting:					
		<u>Third Party Supplies</u>					
25.	Professional Education	DLPE	6/23/10	10/26/12			<u>DLPE Administrative Service Charge:</u>
					Hour	\$54	Administrative Charge
26.	Electron Beam Laboratory	IEN	3/21/14	3/21/14			<u>US Academic Institutions</u>
					Hour	\$100	Staff Time
					Hour	\$110	EBL Machine Time
							<u>Foreign Academic Institutions</u>
					Hour	\$100	Staff Time
					Hour	\$300	EBL Machine Time
							<u>SBIR Small Business</u>
					Hour	\$100	Staff Time
					Hour	\$200	EBL Machine Time
							<u>Industrial</u>
Hour	\$100	Staff Time					
Hour	\$300	EBL Machine Time					
27.	3-D Printer	COA	9/26/13	9/26/13	Cubic Inch	\$5.75	<u>GT Students Enrolled in COA Studio</u> Dimension FDM Printing
					Cubic Inch	\$6.50	Fortus 360 - .010
					Cubic Inch	\$7.50	Fortus 360 - .005
							<u>Other Users</u>
					Cubic Inch	\$5.75	Dimension FDM Printing
					Cubic Inch	\$6.50	Fortus 360 - .010

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27.	3-D Printer (cont.)	COA	9/26/13	9/26/13	Cubic Inch	\$7.50	Fortus 360 - .005
28.	Telecom	OIT	1/9/13	8/28/13			<u>Internal</u> Analog Line Emergency Phones VOIP Digital Line MADN's Audio Conferencing Ports Softphones ACD Agents Toll Free Long Distance Long Distance Moves, Adds, and Deletes Feature Changes Service Changes Purchased Telephone Services Standalone Voice mailbox
29.	Neuro Lab	BME	1/29/13	8/27/13			<u>Internal</u> Lab Coordination and Communications Fee Lab Supplies and Services Lab Gas Charges <u>External</u> Instrument Services
30.	Computing Cluster	AE	7/29/08	10/9/12			<u>Internal</u> Computing Services <u>Other Educational Institutions</u> Computing Services <u>Corporate</u> Computing Services
31.	Microanalysis Center	MSE	3/28/14	3/28/14			<u>Internal</u> Personal Services Instrument Services <u>Industrial</u> Personal Services Instrument Services
32.	NMRI-MR Imaging Facility	BME	3/19/13	9/23/13			<u>Internal</u> Personal Services - (1 hour minimum) Instrument Services - (1 hour minimum) <u>External (Industry)</u> Personal Services - (1 hour minimum) Instrument Services - (1 hour minimum)
33.	MicroMechanics Facility	MSE	9/1/09	9/4/13			<u>Educational Institutions</u> Material Synthesis Characterization Modeling <u>Industry</u> Material Synthesis Characterization Modeling
34.	Center of Nanostructured Materials for Energy Storage	MSE	2/9/10	9/4/13			<u>Internal</u> Personal Services Component Testing Services Material Testing Services <u>External</u> Personal Services Component Testing Services Material Testing Services
35.	Center for Advanced Brain Imaging	CoS	1/15/14	1/15/14			<u>Internal</u> Weekend / Evening Instrument Services <u>External</u> Weekend / Evening Instrument Services
36.	Carbon Fiber Stabilization Facility	MSE	1/3/11	9/4/13	Hour	\$100	Instrument Services
37.	Robotics Machine Shop	COC	8/16/11	11/28/12	Hour	\$54.49	Personal Services
					Hour	\$13.47	Instrument Services
38.	Confocal Microscopy	IBB	3/16/13	9/24/13			<u>Georgia Tech</u> Instrument Services Personal Services <u>Affiliates and Industry Partners</u> Instrument Services Personal Services <u>Industry</u> Instrument Services Personal Services
					Hour	\$5.50	Instrument Services
					Hour	\$0	Personal Services
					Hour	\$8.26	Instrument Services
					Hour	\$0	Personal Services
					Hour	\$33	Instrument Services
					Hour	\$45	Personal Services

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39.	Vacuum Test Facility	AE	12/20/12	11/1/13	Day	\$568	Main Chamber Set Up
					Day	\$1,525	Main Chamber Usage
					Day	\$568	Small Chamber Set Up
					Day	\$1,705	Small Chamber Usage
40.	GEDC High Frequency Lab	ECE	1/25/12	9/30/13			<u>Internal (GEDC)</u>
					Hour	\$57.85	Personal Services
					Unit	\$27.47	Test Bed I: Millimeter-Wave
					Unit	\$3.88	Test Bed II: 50GHz s-para/NF
					Unit	\$3.19	Test Bed III: Wire Bonder
					Unit	\$4.05	Test Bed IV: Optical Signal
							<u>Internal (Other GA Tech)</u>
					Hour	\$57.85	Personal Services
					Unit	\$54.95	Test Bed I: Millimeter-Wave
					Unit	\$7.77	Test Bed II: 50GHz s-para/NF
					Unit	\$6.37	Test Bed III: Wire Bonder
					Unit	\$8.10	Test Bed IV: Optical Signal
							<u>External (GEDC Industry Members)</u>
					Hour	\$57.85	Personal Services
					Unit	\$54.95	Test Bed I: Millimeter-Wave
					Unit	\$7.77	Test Bed II: 50GHz s-para/NF
					Unit	\$6.37	Test Bed III: Wire Bonder
					Unit	\$8.10	Test Bed IV: Optical Signal
							<u>External (Other Industry)</u>
					Hour	\$57.85	Personal Services
Unit	\$109.89	Test Bed I: Millimeter-Wave					
Unit	\$15.53	Test Bed II: 50GHz s-para/NF					
Unit	\$12.75	Test Bed III: Wire Bonder					
Unit	\$16.19	Test Bed IV: Optical Signal					
41.	Stem Cell Engineering Center	BME	5/9/13	10/14/13			<u>McDevitt Lab</u>
					Sample	\$0	Nova BioProfile FLEX
					Hour	\$0	Accuri Cytometer
							<u>Academic</u>
					Sample	\$5	Nova BioProfile FLEX
					Hour	\$6	Accuri Cytometer
							<u>Industry</u>
					Sample	\$25	Nova BioProfile FLEX
Hour	\$17	Accuri Cytometer					
42.	Genome Analysis	IBB	4/2/14	4/2/14			<u>Internal (Georgia Tech)</u>
					Hour	\$44	Personal Services
					Unit	\$1,222	96.96 Gene Expression
					Unit	\$848	96.96 Genotyping
					Unit	\$92	96.96 Pre-Amp
					Unit	\$615	48.48 Gene Expression
					Unit	\$554	48.48 Genotyping
					Unit	\$92	48.48 Pre-Amp
					Unit	\$642	48.48 Taqman Gene Expression
					Unit	\$780	12 X 12 Chip
					Unit	\$26	Nano Bioanalyzer
					Unit	\$27	Pico Bioanalyzer
					Unit	\$5	High Capacity cDNA
					Unit	\$9	SuperScript CDNA
					Unit	\$2	Nano Drop
							<u>Affiliates and Industry Partners</u>
					Hour	\$44	Personal Services
					Unit	\$1,484	96.96 Gene Expression
					Unit	\$1,030	96.96 Genotyping
					Unit	\$112	96.96 Pre-Amp
					Unit	\$747	48.48 Gene Expression
					Unit	\$673	48.48 Genotyping
					Unit	\$112	48.48 Pre-Amp
					Unit	\$779	48.48 Taqman Gene Expression
					Unit	\$947	12 X 12 Chip
					Unit	\$36	Nano Bioanalyzer
					Unit	\$37	Pico Bioanalyzer
					Unit	\$5	High Capacity cDNA
					Unit	\$10	SuperScript CDNA
					Unit	\$3	Nano Drop
							<u>External (Industry)</u>
					Hour	\$44	Personal Services
Unit	\$1,746	96.96 Gene Expression					
Unit	\$1,212	96.96 Genotyping					
Unit	\$132	96.96 Pre-Amp					
Unit	\$879	48.48 Gene Expression					
Unit	\$792	48.48 Genotyping					
Unit	\$132	48.48 Pre-Amp					
Unit	\$917	48.48 Taqman Gene Expression					
Unit	\$1,114	12 X 12 Chip					
Unit	\$103	Nano Bioanalyzer					
Unit	\$106	Pico Bioanalyzer					
Unit	\$5	High Capacity cDNA					
Unit	\$11	SuperScript CDNA					
Unit	\$8	Nano Drop					
43.	Signal Processing and Mobile Networks Lab	ECE	3/29/12	10/11/13			<u>ECE Users</u>

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43.	Signal Processing and Mobile Networks Lab (cont.)	ECE	3/29/12	10/11/13	Hour	\$0	Signal Processing <u>Other Users</u>
					Hour	\$ 11.46	Signal Processing
44.	Digital Fabrication Lab	CoA	6/5/13	9/25/13			<u>DFL Lab</u>
					Hour	\$0	Personal Services
					Hour	\$0	Machine Services
					Hour	\$45	DFL Waterjet
							<u>Internal (Georgia Tech)</u>
					Hour	\$25	Personal Services
					Hour	\$30	Machine Services
					Hour	\$45	DFL Waterjet
							<u>Industry</u>
					Hour	\$25	Personal Services
Hour	\$100	Machine Services					
Hour	\$100	DFL Waterjet					
45.	Radiological Science & Engineering Lab	ME	7/17/12	10/16/13			<u>Faculty Usage</u>
					Hour	\$144	Varian
					Hour	\$35	Facility Usage Fee
					Hour	\$80	Training Lab
							<u>Industry</u>
					Hour	\$500	Varian
Hour	\$65	Facility Usage Fee					
Hour	\$128	Training Lab					
46.	Climate Forecast Applications Network	EAS	12/11/12	9/25/13	Month	\$1,741.00	Data Access, Transfer, Storage & Simulations
47.	Cryo-EM Center	Biology	8/16/12	9/26/13	Session	\$200	<u>Georgia Tech</u> TEM Training
					Session	\$400	Cryo-EM Training
					Hour	\$25	TEM
					Hour	\$45	Cryo-EM
							<u>External Users</u>
					Session	\$200	TEM Training
					Session	\$400	Cryo-EM Training
					Hour	\$40	TEM
					Hour	\$65	Cryo-EM
							<u>Industrial</u>
Session	\$775	TEM Training					
Session	\$2,026	Cryo-EM Training					
Hour	\$70	TEM					
Hour	\$108	Cryo-EM					
48.	Center for Polymer & Fiber Processing	MSE	9/21/12	9/4/13	Hour	\$120	Machine Services
49.	Invention Studio Center	ME	1/3/13	9/25/13	Cubic Inch	\$28	Uprint 3D Printer
					Cubic Inch	\$17	Dimension 3D Printer
					Cubic Inch	\$27	Eden 3D Printer
50.	Additive Manufacturing Center	GTMI	11/21/13	11/21/13	Hour	\$14	Machine Services
51.	Advanced Semiconductor Development Center	ECE	3/22/13	10/11/13	Hour	\$78	Machine Services
52.	Alternative Media Access Center	CoA	7/17/13	7/17/13	Hour	\$450	Consultation
53.	Biomechanics Center	IBB	11/1/13	11/1/13			<u>GT Investigators</u>
					Hour	\$53	Personal Services
					Hour	\$16	Machine Services
							<u>Other Academic & Industry Partners</u>
					Hour	\$53	Personal Services
					Hour	\$16	Machine Services
		<u>Other Industry</u>					
Hour	\$53	Personal Services					
Hour	\$16	Machine Services					
54.	High Performace Computing (HPC)	OIT	10/8/13	10/8/13			<u>External</u>
					Server	\$2,711	Flat Rate
					CPU Hour	\$0.0715	8 Core Node
					CPU Hour	\$0.0477	12 Core Node
					CPU Hour	\$0.0358	16 Core Node
					CPU Hour	\$0.0236	24 Core Node
					CPU Hour	\$0.0119	48 Core Node
CPU Hour	\$0.0089	64 Core Node					
55.	Mesoscale Materials Characterization	ME	4/2/14	4/2/14			<u>Educational Institutions</u>
					Hour	\$35	SEM
					Hour	\$45	SEM + EBSD
							<u>Industrial</u>
Hour	\$42	SEM					
Hour	\$62	SEM + EBSD					
56.	Carbon Fiber Research Center	MSE	3/18/14	3/18/14	Hour	\$72	Personal Services
					Day	\$626	Single Filament Spinning Equipment
					Day	\$2,515	Multifilament Spinning Equipment
					Week	\$11,256	Multifilament Stabilization & Carbonization

No.	Name of Rate Study	Department	Rate Study Date	Annual Validation Date	Rates		Service
					Basis	Amount	
56.	Carbon Fiber Research Center (cont.)	MSE	3/18/14	3/18/14	Hour	\$68	Solution Preparation Equipment
					Day	\$794	Extruder
					Hour	\$55	Characterization Instruments
					Hour	\$94	Xray Diffraction System
					Hour	\$626	Batch Furnance Equipment
57.	Machine Shop	AE	5/12/14	5/12/14			<u>Educational Institutions</u>
					Hour	\$55	Personal Services
					Hour	\$0	Machine Services
					Hour	\$55	Combined Rate
							<u>Industrial</u>
					Hour	\$65	Personal Services
					Hour	\$3	Machine Services
Hour	\$68	Combined Rate					
58.	GTMI Prototype Lab	GTMI	6/2/14	6/2/14			<u>GT & IPP Members</u>
					Hour	\$35	Personal Services
					Hour	\$60	GF Agie Charmilles
					Hour	\$60	Bridgeport GX CNC Milling
					Hour	\$60	Okuma Genos Lathe
					Hour	\$125	Optomec Aerosol 3D
					Cubic In.	\$11	Statusys Connex 3D
					Cubic In.	\$16	Stratasys MOJO
							<u>Industrial</u>
					Hour	\$35	Personal Services
					Hour	\$130	GF Agie Charmilles
					Hour	\$120	Bridgeport GX CNC Milling
					Hour	\$120	Okuma Genos Lathe
					Hour	\$156	Optomec Aerosol 3D
					Cubic In.	\$11	Statusys Connex 3D
Cubic In.	\$16	Stratasys MOJO					

Facility Use Rate

These are rates established for the infrequent and non-recurring use by external entities of Georgia Tech lab facilities that are unique and not commercially available.

1.	Multiphoton Lithography	Chemistry	2/14/07	Day	\$107	<u>CORPORATE:</u> Facility Use
2.	MARC - KUKA	MARC	3/6/08	Month	\$1,364	<u>CORPORATE:</u> Facility Use
3.	Combustion Actuator Test Facility	ME	5/10/05	1/2 Day	\$8	<u>OTHER ACADEMIC / CORPORATE:</u> Facility Use
4.	Optical Imaging & Sensing Lab	ECE	10/8/08	Hour	\$15	<u>CORPORATE:</u> Facility Use
5.	MARC - Clean Room	MARC	6/14/10	Year	\$1,205	<u>CORPORATE:</u> Facility Use
6.	Micromachined Sensors & Transducers Lab	ECE	5/21/08	Hour	\$9	<u>CORPORATE:</u> Facility Use
7.	Nano Furnace	ME	2/17/13	Hour	\$20	<u>CORPORATE:</u> Facility Use
8.	MOF Synthesis Lab Facility	CHBE	4/5/13	Hour	\$36	<u>CORPORATE:</u> Personal Services
				Sample	\$50	MOF Synthesis
				Hour	\$8	Additional Analysis
9.	Thermal Analysis	MSE	7/16/13	Hour	\$62	<u>CORPORATE:</u> Academic Professional
				Hour	\$44	GRA
				Hour	\$15	Machine Services
10.	Polymer Processing & Properties Laboratory	MSE	7/18/13	Hour	\$44	<u>CORPORATE:</u> Personal Services
				Hour	\$37	Processing Services
				Hour	\$40	Testing Services
				Chip	\$50	Consumables
11.	Raman & Photoluminescence Facility	ME	2/17/14	Hour	\$ 111	<u>CORPORATE:</u> Machine Services
12.	Bionics Lab	ECE	5/30/14	Hour	\$ 21	<u>CORPORATE:</u> Machine Services