Georgia Institute of Technology

BUDGET DEVELOPMENT

Comparison of College Performance Metrics
Fiscal Year 2021

Contents

Georgia Institute of Technology
Office of Institutional Research and Planning
Student Credit Hours
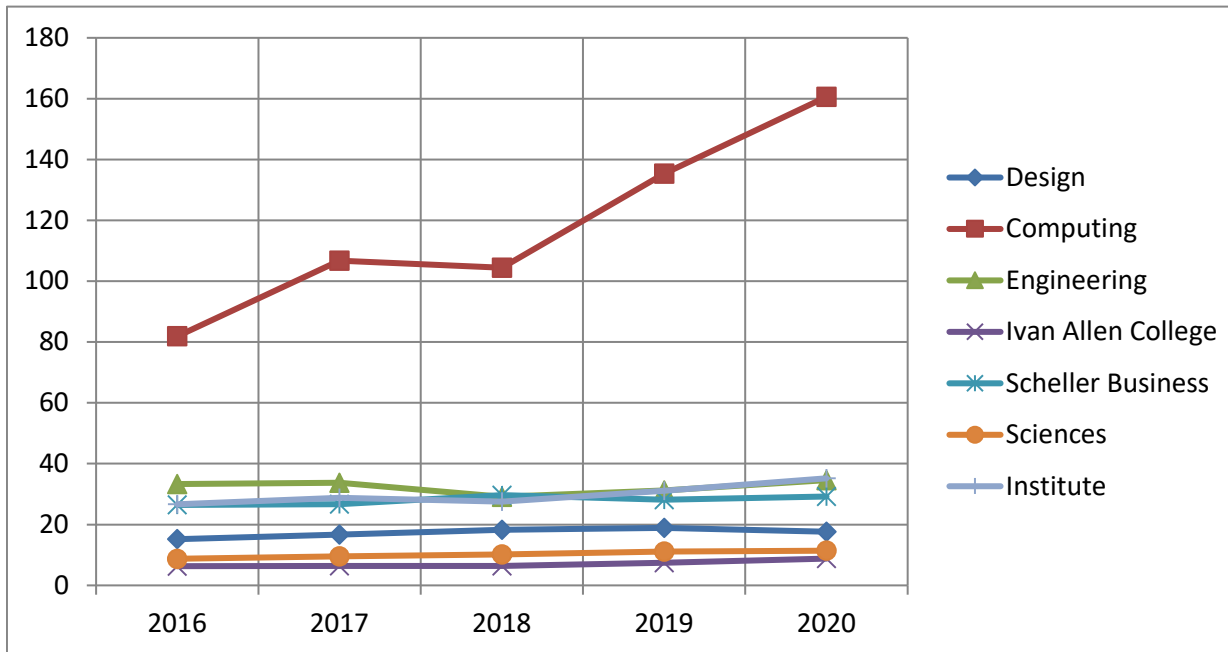**FY 2016 - FY 2020**
Source: AGG_STU_Cir

College	Subject Level	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Growth %
College of Design	Graduate	12,827	13,437	14,016	13,773	12,450	-2.9%
College of Design	Undergraduate - Lower Division	8,222	8,287	8,326	9,143	9,911	20.5%
College of Design	Undergraduate - Upper Division	8,707	9,180	8,900	9,273	10,155	16.6%
College of Design Total		**29,756**	**30,904**	**31,242**	**32,189**	**32,516**	**9.3%**
College of Computing	Graduate	55,659	69,489	90,564	115,596	133,034	139.0%
College of Computing	Undergraduate - Lower Division	30,288	31,239	31,802	33,024	39,025	28.8%
College of Computing	Undergraduate - Upper Division	21,261	24,908	27,016	29,482	32,003	50.5%
College of Computing Total		**107,208**	**125,636**	**149,382**	**178,102**	**204,062**	**90.3%**
College of Engineering	Graduate	132,042	137,340	141,785	147,647	160,880	21.8%
College of Engineering	Undergraduate - Lower Division	41,523	41,158	39,181	37,193	36,260	-12.7%
College of Engineering	Undergraduate - Upper Division	103,745	103,403	101,373	99,468	94,339	-9.1%
College of Engineering Total		**277,310**	**281,901**	**282,339**	**284,308**	**291,480**	**5.1%**
College of Sciences	Graduate	36,277	36,916	38,685	36,580	34,351	-5.3%
College of Sciences	Undergraduate - Lower Division	93,251	94,660	95,793	98,426	99,145	6.3%
College of Sciences	Undergraduate - Upper Division	20,807	21,878	24,804	26,882	27,453	31.9%
College of Sciences Total		**150,335**	**153,454**	**159,282**	**161,888**	**160,949**	**7.1%**
Ivan Allen College	Graduate	7,360	7,425	7,211	8,385	10,537	43.2%
Ivan Allen College	Undergraduate - Lower Division	45,457	42,720	42,049	42,851	42,454	-6.6%
Ivan Allen College	Undergraduate - Upper Division	28,042	28,136	28,750	29,219	28,402	1.3%
Ivan Allen College Total		**80,859**	**78,281**	**78,010**	**80,455**	**81,393**	**0.7%**
Scheller College of Business	Graduate	21,381	22,808	23,568	26,674	29,908	39.9%
Scheller College of Business	Undergraduate - Lower Division	7,905	7,624	7,504	7,427	7,605	-3.8%
Scheller College of Business	Undergraduate - Upper Division	24,269	21,670	21,938	21,973	22,507	-7.3%
Scheller College of Business Total		**53,555**	**52,102**	**53,010**	**56,074**	**60,020**	**12.1%**
College of Registrar	Graduate	856	842	933	1220	1378	61.0%
College of Registrar	Undergraduate - Lower Division	3,117	3,049	3,038	4,221	4,444	42.6%
College of Registrar	Undergraduate - Upper Division	488	472	565	3147	4328	786.9%
College of Registrar Total		**4,461**	**4,363**	**4,536**	**8,588**	**10,150**	**127.5%**
All Colleges	Graduate	253,875	266,133	288,195	349,875	382,538	50.7%
All Colleges	Undergraduate - Lower Division	227,938	230,305	229,448	232,285	238,844	4.8%
All Colleges	Undergraduate - Upper Division	202,243	208,050	210,436	219,444	219,187	8.4%
All Colleges Total		**684,055**	**704,487**	**728,079**	**801,604**	**840,569**	**22.9%**

Georgia Institute of Technology
Office of Institutional Research and Planning
Student Enrollment by College/Degree - Headcount
FY 2016 - FY 2020
Source: EDW_AGG_STU_ENRL

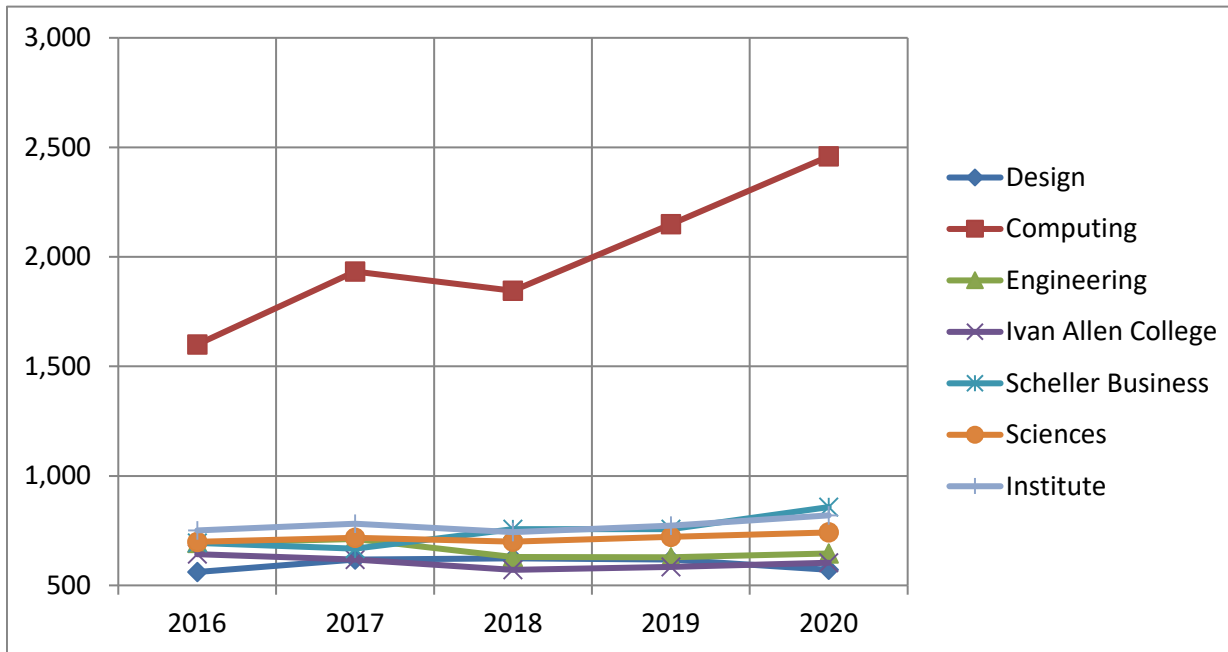| College	Degree Level	FY2016	FY2017	FY2018	FY2019	FY2020	5 Year Growth %
College of Design	PhD	88	86	80	77	72	-18.2%
College of Design	Masters	401	401	466	455	429	7.0%
College of Design	Undergraduate	316	349	411	451	500	58.2%
College of Design Total		**805**	**836**	**957**	**983**	**1,001**	**24.3%**
College of Computing	PhD	316	324	329	334	387	22.5%
College of Computing	Masters	3,293	4,467	6,447	8,376	10,155	208.4%
College of Computing	Undergraduate	1,877	2,146	2,200	2,395	2,788	48.5%
College of Computing Total		**5,486**	**6,937**	**8,976**	**11,105**	**13,330**	**143.0%**
College of Engineering	PhD	2,069	2,164	2,167	2,244	2,293	10.8%
College of Engineering	Masters	1,826	1,895	2,241	3,121	4,870	166.7%
College of Engineering	Undergraduate	9,418	9,306	8,891	8,781	8,456	-10.2%
College of Engineering Total		**13,313**	**13,365**	**13,299**	**14,146**	**15,619**	**17.3%**
College of Sciences	PhD	653	686	717	690	664	1.7%
College of Sciences	Masters	194	199	205	212	177	-8.8%
College of Sciences	Undergraduate	1,035	1,159	1,413	1,587	1,641	58.6%
College of Sciences Total		**1,882**	**2,044**	**2,335**	**2,489**	**2,482**	**31.9%**
Ivan Allen College	PhD	107	108	101	103	100	-6.5%
Ivan Allen College	Masters	119	135	133	150	322	170.6%
Ivan Allen College	Undergraduate	583	583	678	787	771	32.2%
Ivan Allen College Total		**809**	**826**	**912**	**1,040**	**1,193**	**47.5%**
Scheller College of Business	PhD	48	46	51	52	52	8.3%
Scheller College of Business	Masters	757	811	840	830	785	3.7%
Scheller College of Business	Undergraduate	1,231	1,222	1,216	1,205	1,207	-1.9%
Scheller College of Business Total		**2,036**	**2,079**	**2,107**	**2,087**	**2,044**	**0.4%**
Registrar	Masters	21	28	20	31	25	
Registrar	Undergraduate	682	724	763	841	796	16.7%
Registrar Total		**703**	**752**	**783**	**872**	**821**	**16.8%**
All Colleges/Registrar	PhD	3,281	3,414	3,445	3,500	3,568	8.7%
All Colleges/Registrar	Masters	6,611	7,936	10,352	13,175	16,763	153.6%
All Colleges/Registrar	Undergraduate	15,142	15,489	15,572	16,047	16,159	6.7%
All Colleges/Registrar Total		**25,034**	**26,839**	**29,369**	**32,722**	**36,490**	**45.8%**

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Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

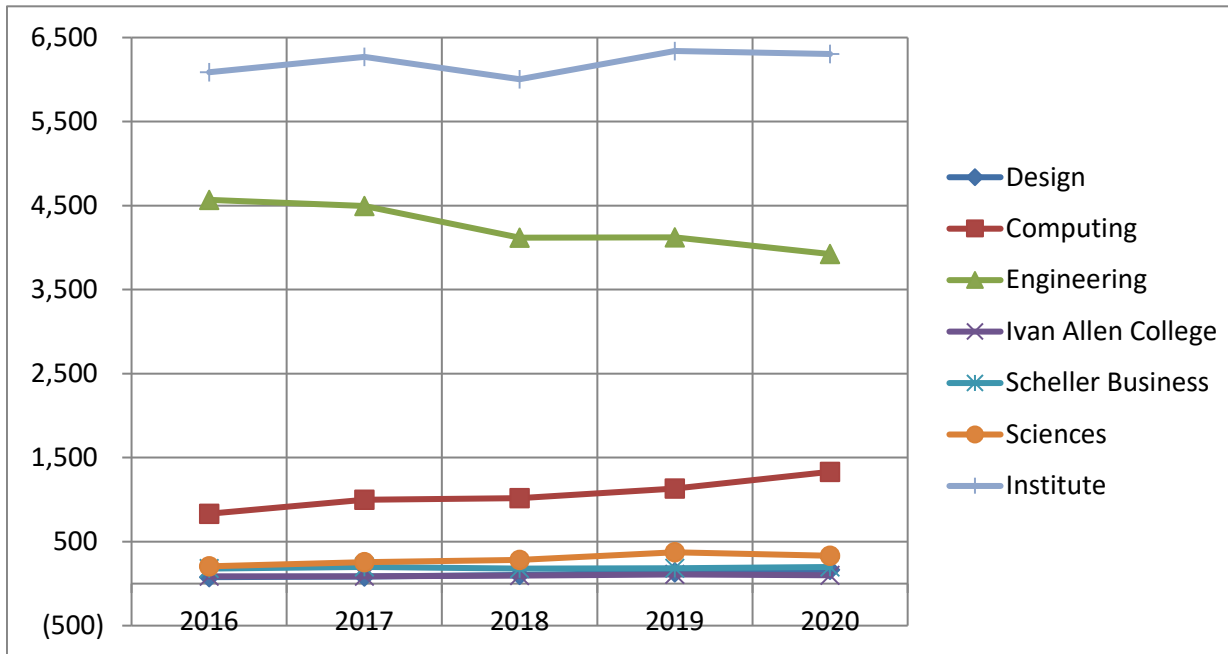| Student:Faculty Ratio (or Majors per Tenured/Tenure-Track Faculty)					
College	**2016**	**2017**	**2018**	**2019**	**2020**
Design	15.2	16.7	18.3	18.9	17.6
Computing	81.9	106.7	104.4	135.4	160.6
Engineering	33.4	33.8	29.1	31.2	34.6
Ivan Allen College	6.3	6.4	6.4	7.4	8.8
Scheller Business	26.4	26.7	29.7	28.2	29.2
Sciences	8.8	9.6	10.2	11.1	11.4
Institute	**26.7**	**28.8**	**27.6**	**31.1**	**35.2**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

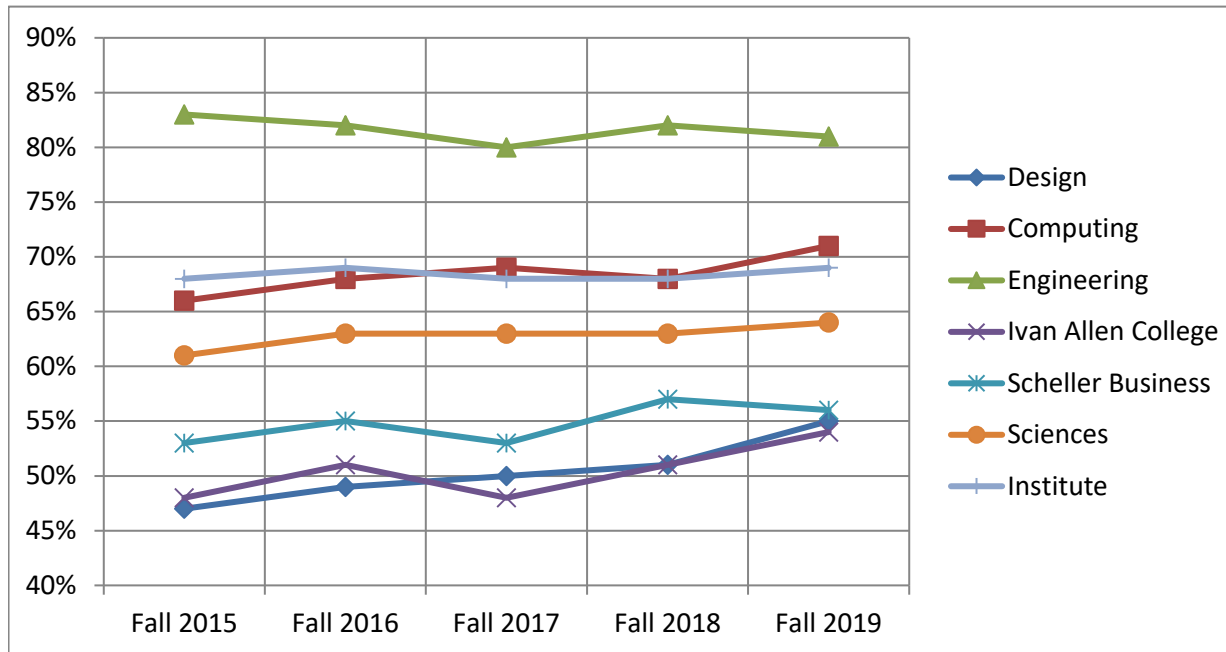| Credit Hours per Tenured/Tenure-Track Faculty					
College	**2016**	**2017**	**2018**	**2019**	**2020**
Design	561.1	617.9	623.4	617.4	570.5
Computing	1599.8	1933.2	1844.5	2148.5	2458.6
Engineering	694.6	711.8	630.1	628.4	646.3
Ivan Allen College	642.4	618.2	570.9	583.8	602.9
Scheller Business	694.4	667.7	757.2	756.1	857.4
Sciences	699.0	717.1	699.7	721.8	741.7
Institute	**750.3**	**781.2**	**743.1**	**773.1**	**819.8**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

Non-resident Undergraduate Majors					
College	**2016**	**2017**	**2018**	**2019**	**2020**
Design	77	84	102	134	165
Computing	832	999	1,017	1,131	1,331
Engineering	4,568	4,495	4,118	4,122	3,923
Ivan Allen College	87	87	96	109	100
Scheller Business	180	197	179	183	198
Sciences	206	256	281	373	331
Registrar	138	151	211	288	255
Institute	**6,088**	**6,269**	**6,004**	**6,340**	**6,303**

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Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

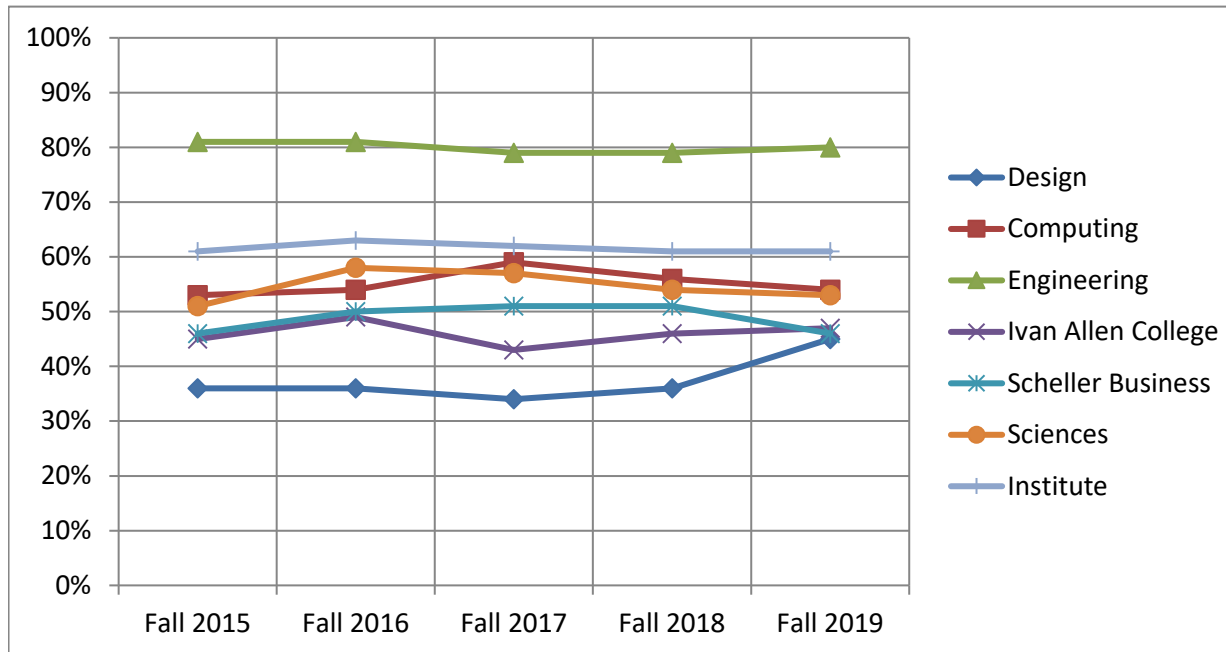| % All (UG + GR) Courses Taught by Tenured/Tenure Track Faculty					
College	**Fall 2015**	**Fall 2016**	**Fall 2017**	**Fall 2018**	**Fall 2019**
Design	47%	49%	50%	51%	55%
Computing	66%	68%	69%	68%	71%
Engineering	83%	82%	80%	82%	81%
Ivan Allen College	48%	51%	48%	51%	54%
Scheller Business	53%	55%	53%	57%	56%
Sciences	61%	63%	63%	63%	64%
Institute	**68%**	**69%**	**68%**	**68%**	**69%**

Does not include courses classified as Registrar.

Measure defined as the percent of courses whose primary instructor is tenured/tenure track faculty.

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Comparison of Performance Metrics
FY 2016 - FY 2020

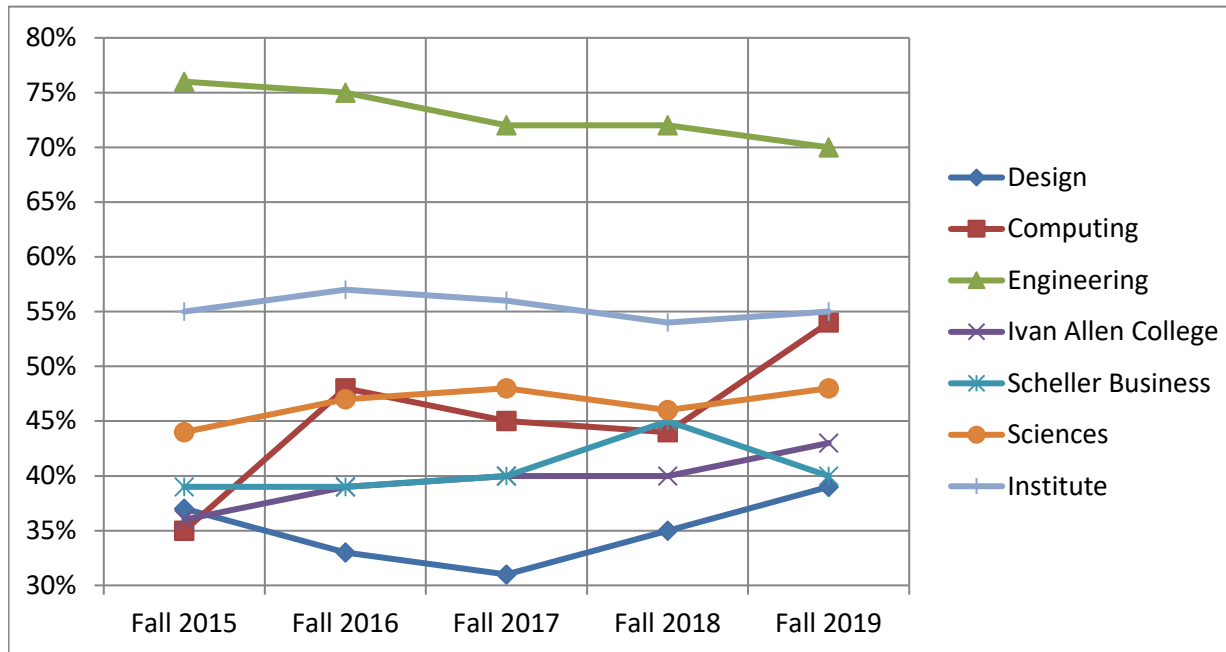| % All (UG + GR) Hours Taught by Tenured/Tenure Track Faculty					
College	**Fall 2015**	**Fall 2016**	**Fall 2017**	**Fall 2018**	**Fall 2019**
Design	36%	36%	34%	36%	45%
Computing	53%	54%	59%	56%	54%
Engineering	81%	81%	79%	79%	80%
Ivan Allen College	45%	49%	43%	46%	47%
Scheller Business	46%	50%	51%	51%	46%
Sciences	51%	58%	57%	54%	53%
Institute	**61%**	**63%**	**62%**	**61%**	**61%**

Does not include courses classified as Registrar.

Measure defined as the percent of student credit hours generated whose primary instructor is tenured/tenure track faculty.

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Comparison of Performance Metrics
FY 2016 - FY 2020

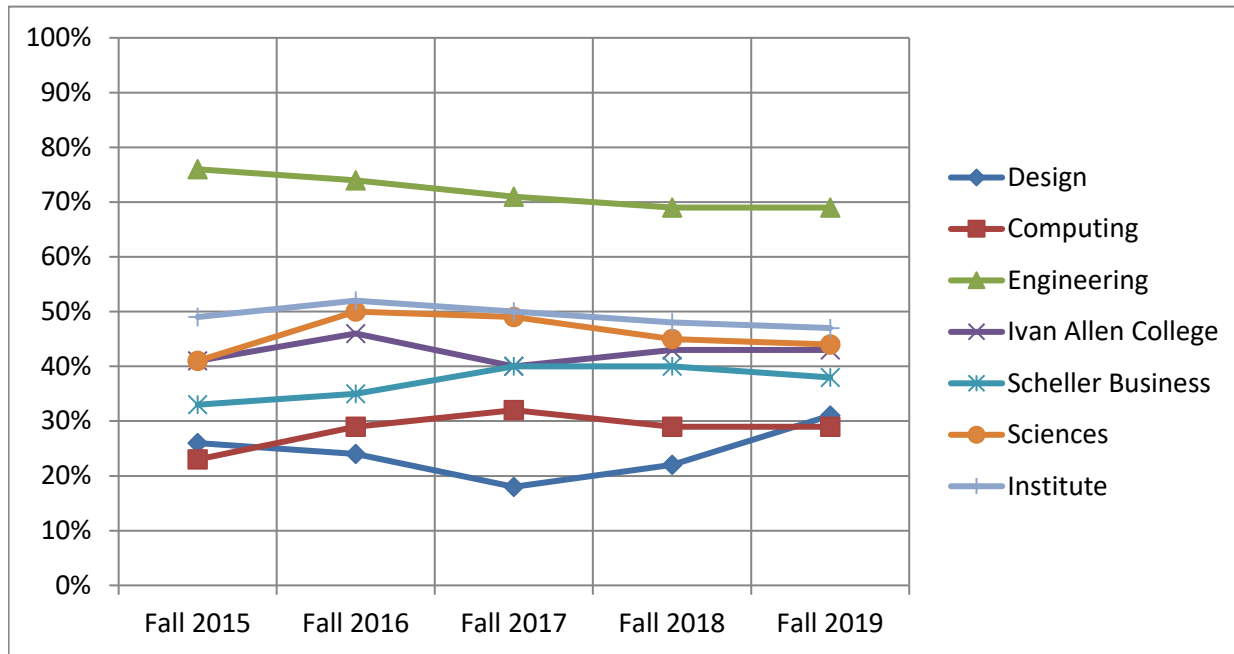| % Undergraduate Courses Taught by Tenured/Tenure Track Faculty					
College	**Fall 2015**	**Fall 2016**	**Fall 2017**	**Fall 2018**	**Fall 2019**
Design	37%	33%	31%	35%	39%
Computing	35%	48%	45%	44%	54%
Engineering	76%	75%	72%	72%	70%
Ivan Allen College	36%	39%	40%	40%	43%
Scheller Business	39%	39%	40%	45%	40%
Sciences	44%	47%	48%	46%	48%
Institute	**55%**	**57%**	**56%**	**54%**	**55%**

Does not include courses classified as Registrar.

Measure defined as the percent of undergraduate courses whose primary instructor is tenured/tenure track faculty.

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Comparison of Performance Metrics
FY 2016 - FY 2020

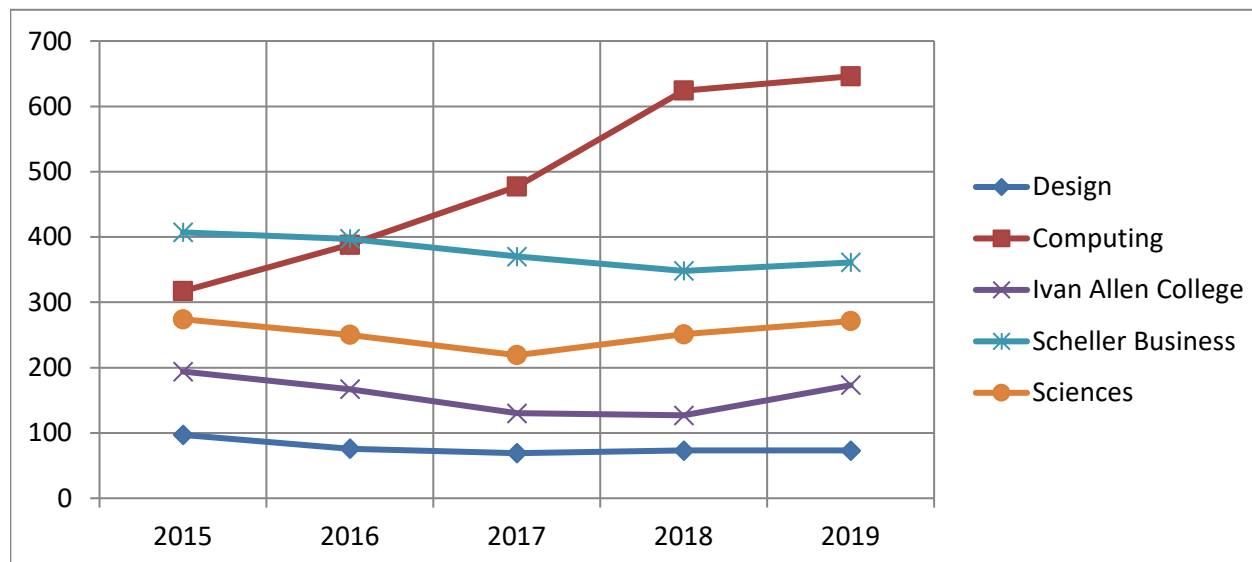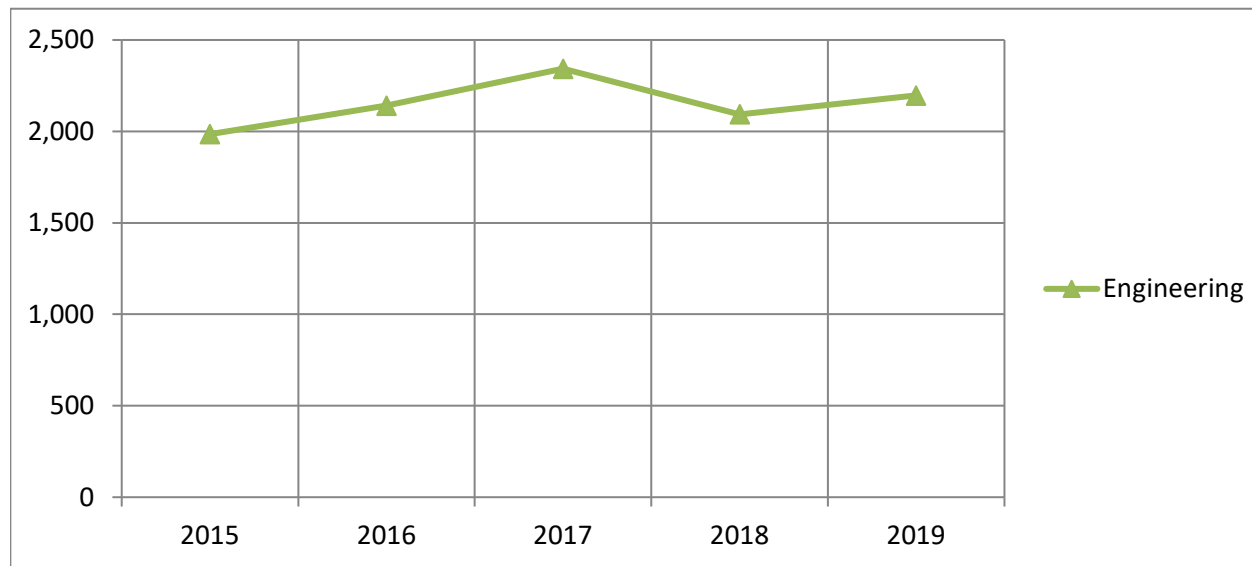| % Undergraduate Hours Taught by Tenured/Tenure Track Faculty					
College	**Fall 2015**	**Fall 2016**	**Fall 2017**	**Fall 2018**	**Fall 2019**
Design	26%	24%	18%	22%	31%
Computing	23%	29%	32%	29%	29%
Engineering	76%	74%	71%	69%	69%
Ivan Allen College	41%	46%	40%	43%	43%
Scheller Business	33%	35%	40%	40%	38%
Sciences	41%	50%	49%	45%	44%
Institute	**49%**	**52%**	**50%**	**48%**	**47%**

Does not include courses classified as Registrar.

Measure defined as the percent of undergraduate student credit hours generated whose primary instructor is tenured/tenure track faculty.
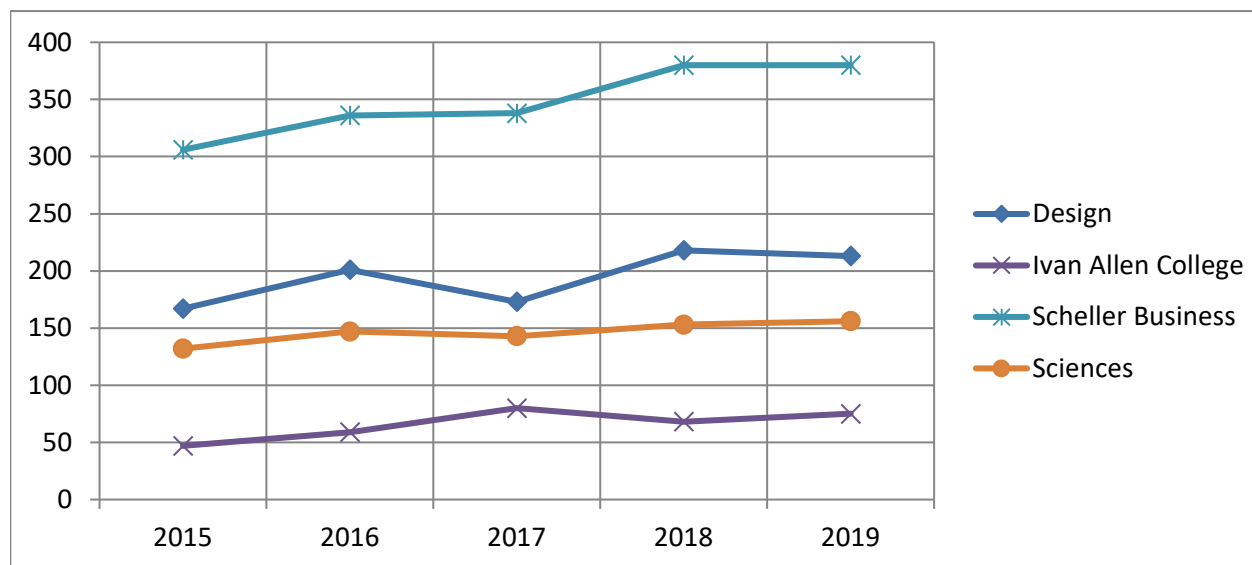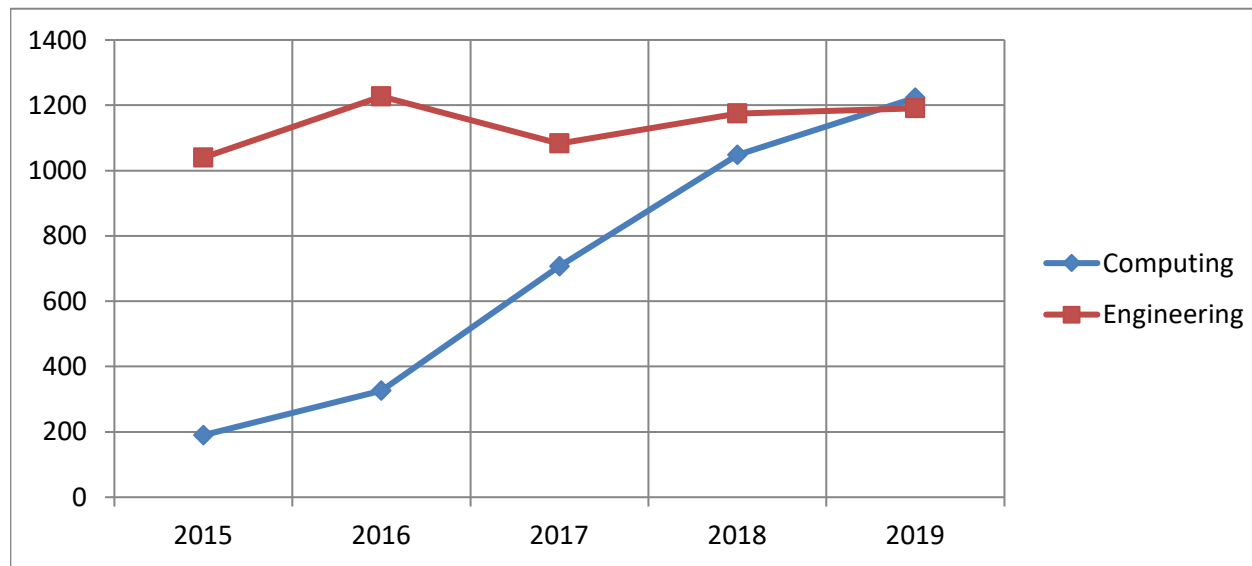
Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

Bachelor's Degrees Awarded					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	97	76	69	73	73
Computing	317	388	477	624	646
Engineering	1,985	2,141	2,343	2,093	2,196
Ivan Allen College	194	167	130	127	173
Scheller Business	407	397	370	348	361
Sciences	274	250	219	251	271
Institute	**3,274**	**3,419**	**3,608**	**3,516**	**3,720**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

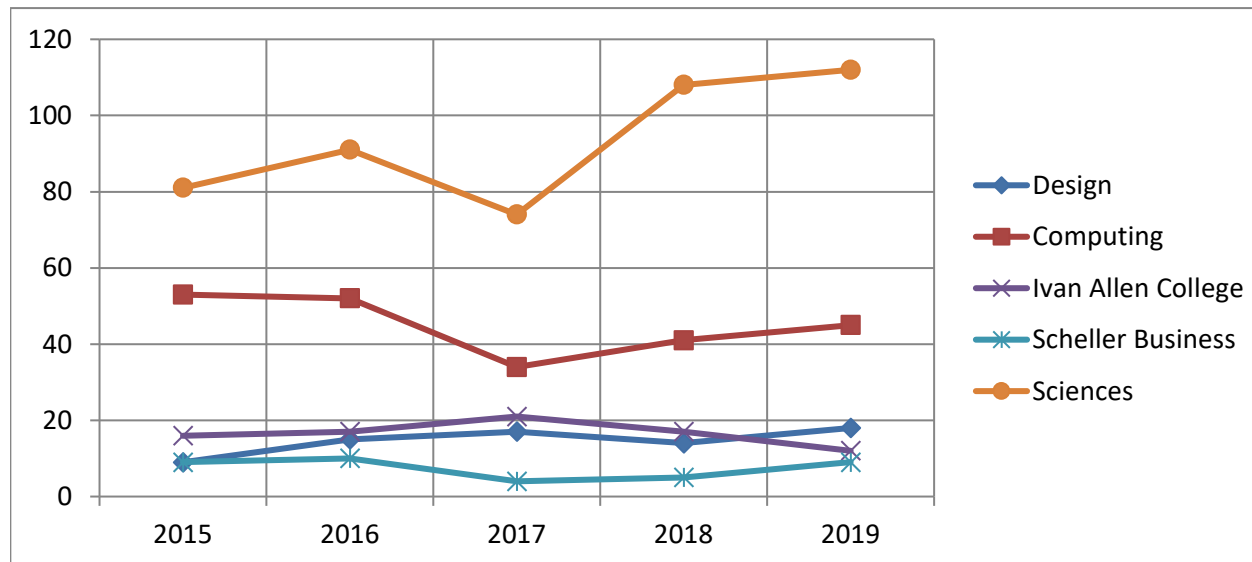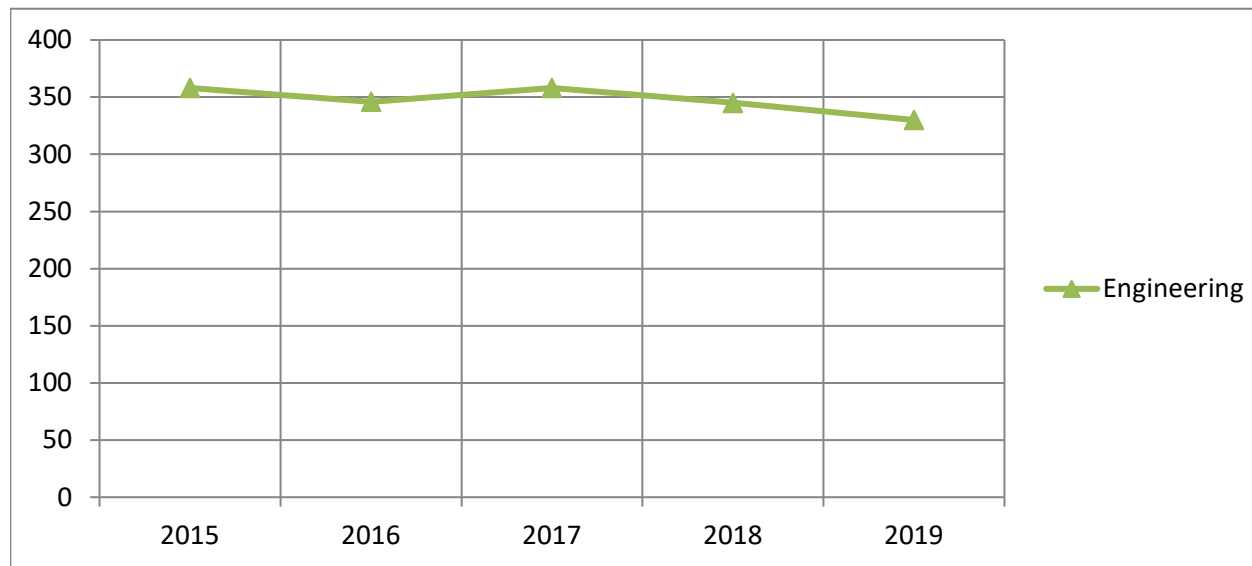| Master's Degrees Awarded					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	167	201	173	218	213
Computing	190	326	707	1048	1223
Engineering	1,040	1,227	1,083	1,175	1,191
Ivan Allen College	47	59	80	68	75
Scheller Business	306	336	338	380	380
Sciences	132	147	143	153	156
Institute	**1,882**	**2,296**	**2,524**	**3,042**	**3,238**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

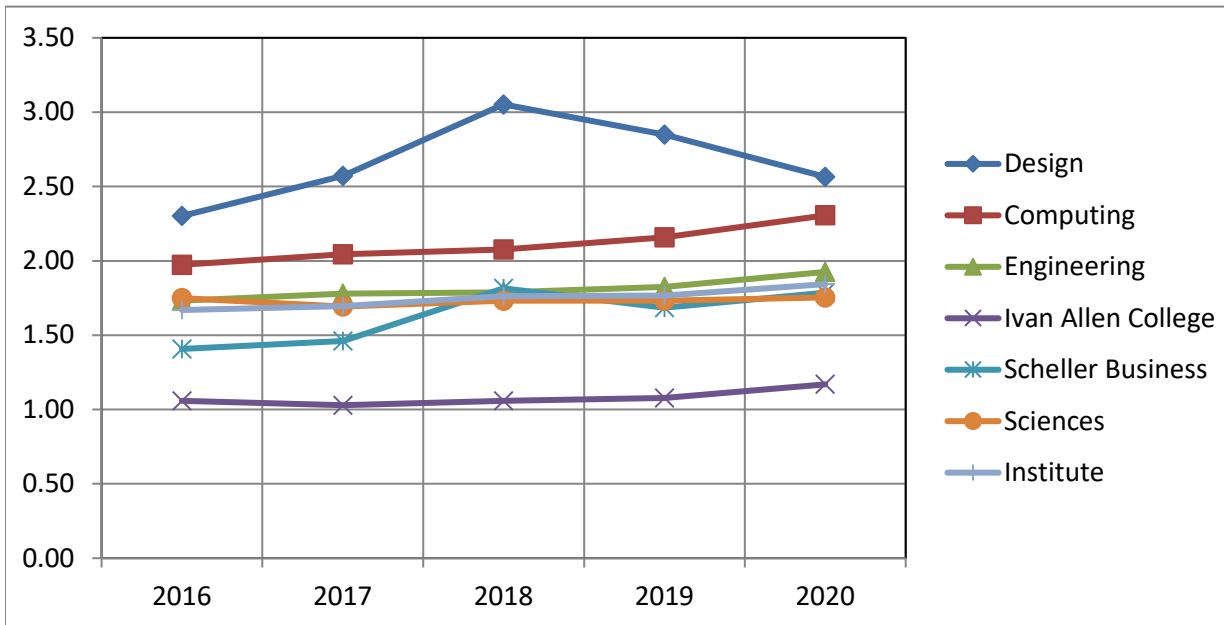| PhD Degrees Awarded					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	9	15	17	14	18
Computing	53	52	34	41	45
Engineering	358	346	358	345	330
Ivan Allen College	16	17	21	17	12
Scheller Business	9	10	4	5	9
Sciences	81	91	74	108	112
Institute	**526**	**531**	**508**	**530**	**526**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

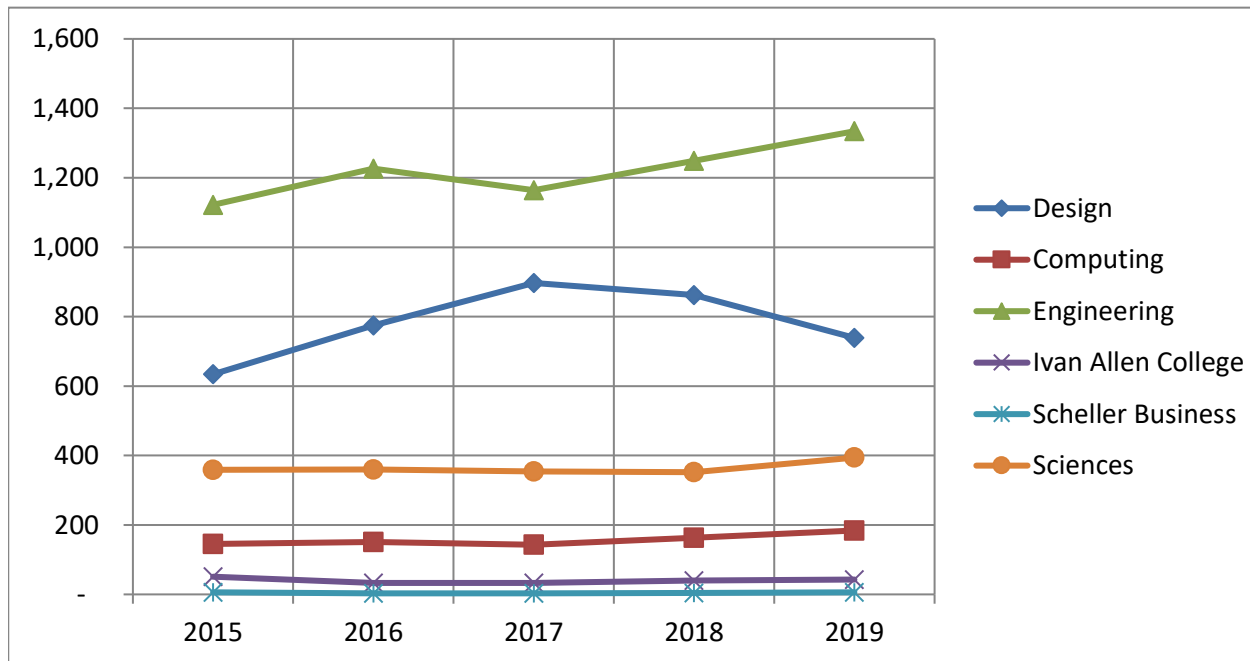| Staff FTE:Tenured-Tenure Track Faculty FTE Ratio					
College	**2016**	**2017**	**2018**	**2019**	**2020**
Design	2.30	2.57	3.05	2.85	2.57
Computing	1.97	2.04	2.08	2.16	2.31
Engineering	1.73	1.78	1.79	1.82	1.93
Ivan Allen College	1.06	1.03	1.06	1.08	1.17
Scheller Business	1.41	1.46	1.82	1.68	1.79
Sciences	1.75	1.69	1.73	1.73	1.75
Institute	**1.67**	**1.69**	**1.76**	**1.77**	**1.84**

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

Sponsored Awards-Proposals Funded					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	634	775	897	862	739
Computing	145	151	143	163	184
Engineering	1,122	1,226	1,164	1,249	1,334
Ivan Allen College	51	33	33	40	43
Scheller Business	6	3	3	4	6
Sciences	359	360	354	352	394
Subtotal-Colleges	2,317	2,548	2,594	2,670	2,700
Institute	**3,457**	**3,622**	**3,707**	**3,870**	**3,805**

College of Design includes 419 AMAC Memerships in FY 2013, 507 in FY 2014, and 569 in FY 2015.
Institute totals include GTRI and Centers & Others.
Source: GTCrossroads, New Awards

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

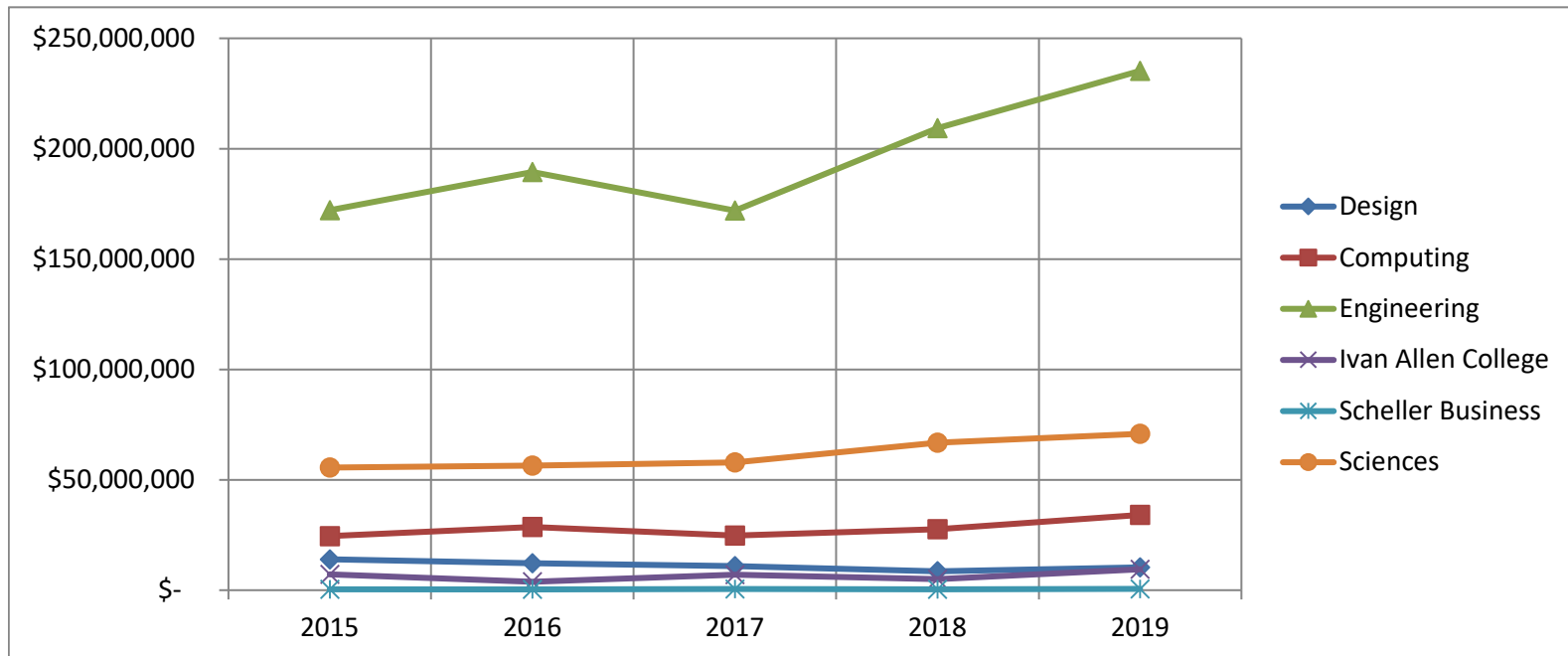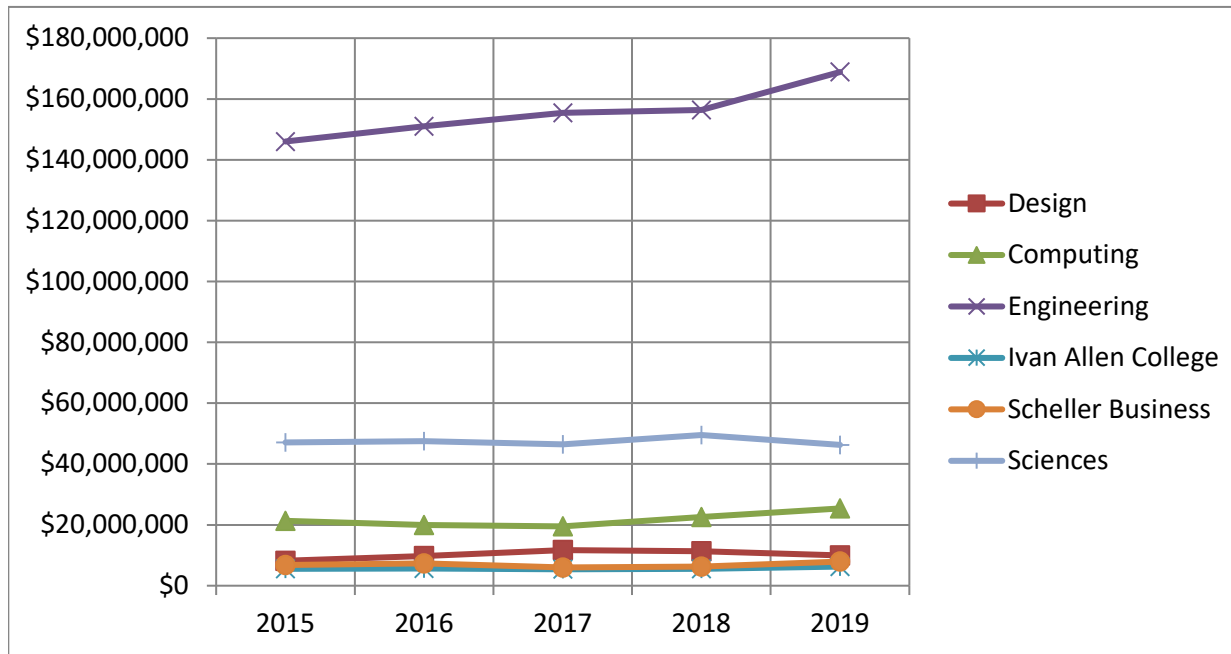| College	2015	2016	2017	2018	2019
Sponsored Awards					
Design	$ 13,991,952	$ 12,155,219	$ 10,957,439	$ 8,548,585	$ 10,263,546
Computing	$ 24,512,906	$ 28,678,759	$ 24,678,480	$ 27,630,568	$ 34,092,833
Engineering	$ 172,210,393	$ 189,394,829	$ 171,962,451	$ 209,359,708	$ 235,263,896
Ivan Allen College	$ 7,235,571	$ 3,811,457	$ 7,073,463	$ 4,981,248	$ 9,465,997
Scheller Business	$ 419,993	$ 348,000	$ 507,000	$ 400,000	$ 593,589
Sciences	$ 55,551,410	$ 56,429,227	$ 57,833,488	$ 66,868,245	$ 70,844,624
Subtotal-Colleges	$ 273,922,225	$ 290,817,491	$ 273,012,321	$ 317,788,354	$ 360,524,485
Institute	**$ 648,243,370**	**$ 718,893,593**	**$ 690,449,496**	**$ 855,231,320**	**$ 1,050,095,192**

Institute totals include GTRI and Centers & Others.

Source: GTCrossroads, New Awards

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2015 - FY 2019

Sponsored Expenditures (Direct Grants & Contracts Exp.)					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	$ 8,210,467	$ 9,717,490	$ 11,700,745	$ 11,297,591	$ 9,911,986
Computing	$ 21,340,303	$ 19,968,259	$ 19,505,725	$ 22,573,366	$ 25,397,169
Engineering	$ 146,032,068	$ 151,052,007	$ 155,422,152	$ 156,419,973	$ 168,865,167
Ivan Allen College	$ 5,556,448	$ 5,638,422	$ 5,393,225	$ 5,531,639	$ 6,285,792
Scheller Business	$ 6,815,271	$ 7,363,129	$ 6,008,905	$ 6,243,946	$ 7,928,724
Sciences	$ 47,132,902	$ 47,568,435	$ 46,512,302	$ 49,535,415	$ 46,298,819
Colleges-Total	**$ 235,087,459**	**$ 241,307,742**	**$ 244,543,054**	**$ 251,601,930**	**$ 264,687,657**

Source: Grants & Contracts Management Reports

Georgia Institute of Technology
Office of Institutional Research and Planning
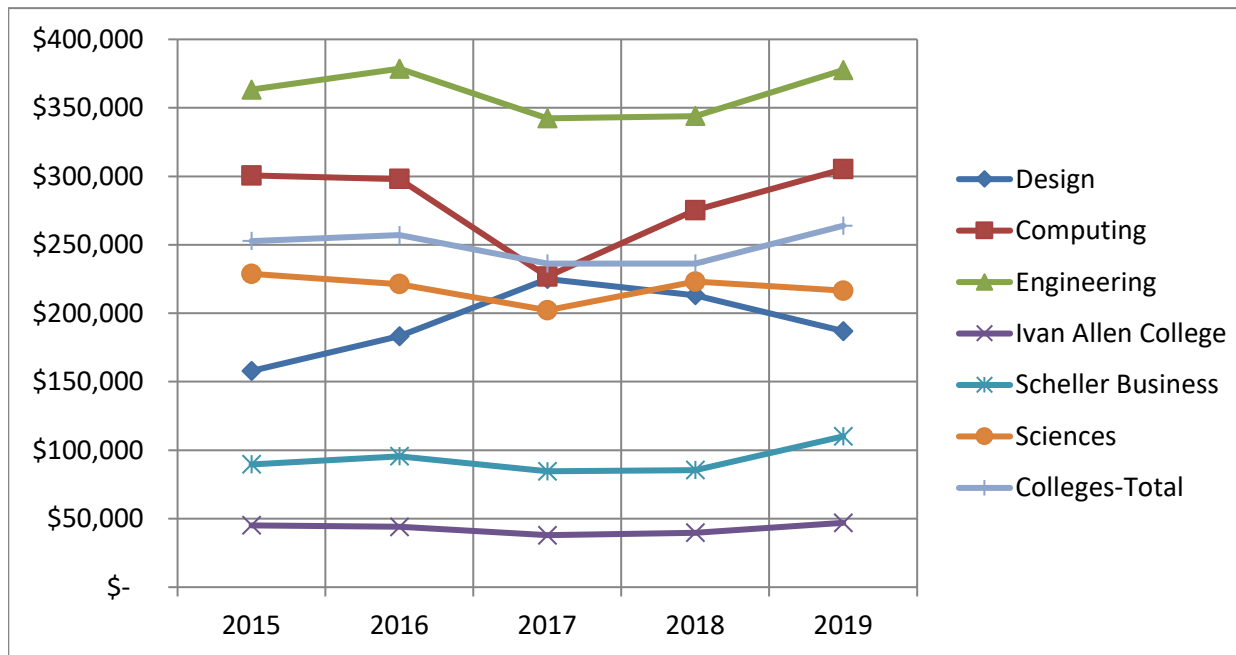**Comparison of Performance Metrics**
FY 2015 - FY 2019

Grants & Contracts Direct Expenditures per Tenured/Tenure-Track Faculty					
College	**2015**	**2016**	**2017**	**2018**	**2019**
Design	$ 157,894	$ 183,349	$ 225,014	$ 213,162	$ 187,019
Computing	$ 300,568	$ 298,034	$ 226,811	$ 275,285	$ 305,254
Engineering	$ 363,264	$ 378,576	$ 342,340	$ 343,992	$ 377,563
Ivan Allen College	$ 45,174	$ 44,050	$ 37,980	$ 39,725	$ 46,997
Scheller Business	$ 89,675	$ 95,625	$ 84,632	$ 85,534	$ 110,121
Sciences	$ 228,800	$ 221,249	$ 202,227	$ 223,133	$ 216,562
Colleges-Total	**$ 252,782**	**$ 256,984**	**$ 236,273**	**$ 236,273**	**$ 263,899**

College of Architecture does not include the Alternative Media Access Center.

College of Computing does not include Institute for Data and High Performance Computing, the Georgia Tech Information Security Center, or the Institute for Robotics & Intelligent Machines.

College of Engineering includes GT Savannah and Health Systems Institute.

College of Sciences does not include the Center for Advanced Brain Imaging.

Scheller College of Business does not include the Institute for Leadership & Entrepreneurship.
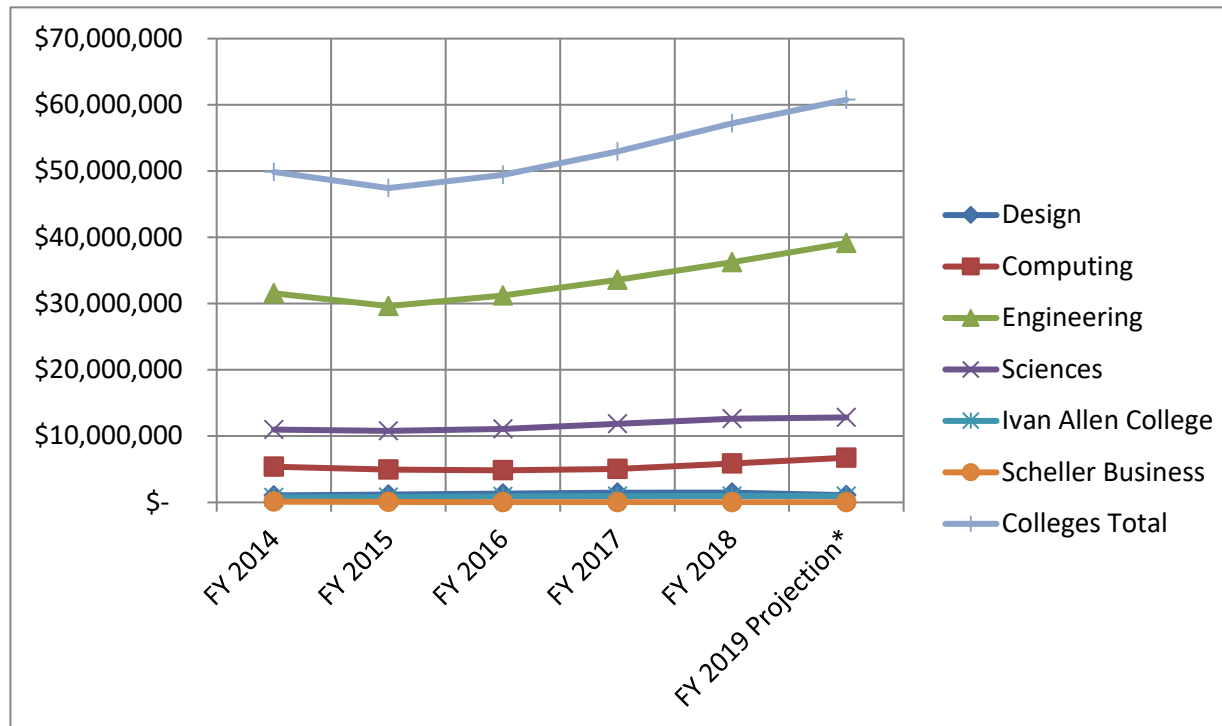
Georgia Institute of Technology
Facilities and Administration Recoveries   **Updated by IBPA**
FY 2013 - FY 2017 (Projected FY2018)
Source: Grants & Contracts Monthly F&A Report

College	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019 Projection*	Projected Chg FY18-19
Design	$ 1,060,600	$ 1,177,400	$ 1,336,900	$ 1,466,300	$ 1,461,300	$ 1,096,000	$ (365,300)
Computing	$ 5,387,200	$ 4,931,400	$ 4,840,100	$ 5,027,200	$ 5,846,100	$ 6,743,700	$ 897,600
Engineering	$ 31,567,300	$ 29,631,200	$ 31,246,400	$ 33,608,200	$ 36,262,700	$ 39,158,100	$ 2,895,400
Sciences	$ 10,966,000	$ 10,793,200	$ 11,085,500	$ 11,870,000	$ 12,650,600	$ 12,827,800	$ 177,200
Ivan Allen College	$ 766,300	$ 817,000	$ 877,100	$ 960,800	$ 966,800	$ 926,100	$ (40,700)
Scheller Business	$ 112,600	$ 86,100	$ 26,800	$ 23,900	$ 21,300	$ 24,000	$ 2,700
Colleges Total	**$ 49,860,000**	**$ 47,436,300**	**$ 49,412,800**	**$ 52,956,400**	**$ 57,208,800**	**$ 60,775,700**	**$ 3,566,900**

*FY19 projection per Grants and Contracts as of 2/28/2019

Georgia Institute of Technology
Office of Institutional Research and Planning
Comparison of Performance Metrics
FY 2016 - FY 2020

Average Salary: Full-Time Tenured/Tenure-Track Faculty						
College	Rank	2016	2017	2018	2019	2020
Design	Professor	$ 142,715	$ 138,286	$ 128,859	$ 137,610	$ 139,167
Design	Associate Professor	$ 95,034	$ 97,681	$ 98,428	$ 102,954	$ 105,092
Design	Assistant Professor	$ 73,175	$ 76,390	$ 76,887	$ 76,704	$ 79,955
Design	**Total**	**$ 105,866**	**$ 108,813**	**$ 103,471**	**$108,133**	**$105,565**
Computing	Professor	$ 174,798	$ 185,785	$ 175,998	$194,414	$205,929
Computing	Associate Professor	$ 120,458	$ 130,004	$ 134,523	$142,308	$141,776
Computing	Assistant Professor	$ 102,729	$ 108,688	$ 119,469	$119,921	$118,395
Computing	**Total**	**$ 145,422**	**$ 157,257**	**$ 153,446**	**$162,924**	**$164,929**
Engineering	Professor	$ 158,214	$ 163,088	$ 158,620	$169,539	$171,843
Engineering	Associate Professor	$ 106,736	$ 109,179	$ 111,283	$116,103	$117,357
Engineering	Assistant Professor	$ 98,327	$ 101,445	$ 102,378	$103,969	$105,686
Engineering	**Total**	**$ 133,921**	**$ 137,372**	**$ 134,692**	**$144,372**	**$146,744**
Ivan Allen College	Professor	$ 131,865	$ 133,246	$ 136,117	$140,003	$146,599
Ivan Allen College	Associate Professor	$ 90,764	$ 94,889	$ 98,050	$99,757	$102,851
Ivan Allen College	Assistant Professor	$ 81,650	$ 84,822	$ 84,085	$86,577	$91,371
Ivan Allen College	**Total**	**$ 102,543**	**$ 105,419**	**$ 107,957**	**$109,268**	**$113,398**
Scheller Business	Professor	$ 217,611	$ 216,747	$ 233,361	$236,915	$250,644
Scheller Business	Associate Professor	$ 176,412	$ 180,112	$ 182,474	$179,082	$187,260
Scheller Business	Assistant Professor	$ 159,460	$ 166,026	$ 168,794	$179,484	$185,893
Management	**Total**	**$ 185,889**	**$ 188,308**	**$ 196,349**	**$200,089**	**$207,304**
Sciences	Professor	$ 150,898	$ 149,982	$ 147,164	$153,401	$154,618
Sciences	Associate Professor	$ 96,921	$ 100,003	$ 100,648	$101,095	$102,963
Sciences	Assistant Professor	$ 85,745	$ 88,614	$ 90,184	$92,523	$94,578
Sciences	**Total**	**$ 119,636**	**$ 121,784**	**$ 121,219**	**$126,864**	**$128,958**
Colleges-Total	Professor	$ 158,416	$ 161,224	$ 158,206	$ 167,913	$ 170,968
Colleges-Total	Associate Professor	$ 107,171	$ 110,422	$ 112,322	$ 115,970	$ 117,858
Colleges-Total	Assistant Professor	$ 99,055	$ 103,392	$ 104,493	$ 107,609	$ 109,820
Colleges-Total	**Total**	**$ 129,872**	**$ 133,442**	**$ 132,245**	**$ 139,800**	**$ 141,931**