Computer Science

Business and Technology

CSCI	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
FTES	164	147	168	145	161	157	157
FTEF Total	10.8	10.4	10.9	9.4	10.4	10.4	10.4
Efficiency (WSCH/FTEF)	471	439	477	475	480	468	468
Fill Rate	92.0%	89.0%	95.0%	96.0%	93.0%	92.0%	92.8%
AveSize	27.3	26.1	26.9	25.4	25.1	27.2	26.3
# of Sections	45	42	31	29	47	43	40
Department Retention	86%	87%	85%	89%	87%	87%	87%
Department Success	75%	76%	73%	78%	77%	77%	76%
Online Retention	81%	82%	84%	83%	84%	87%	84%
Online Success	73%	74%	76%	72%	72%	76%	74%
(28, 95,450 and 800 Courses	0	0	0	2			

3 Year Productivity Trend

3 Year Retention and Success Percentage Trend
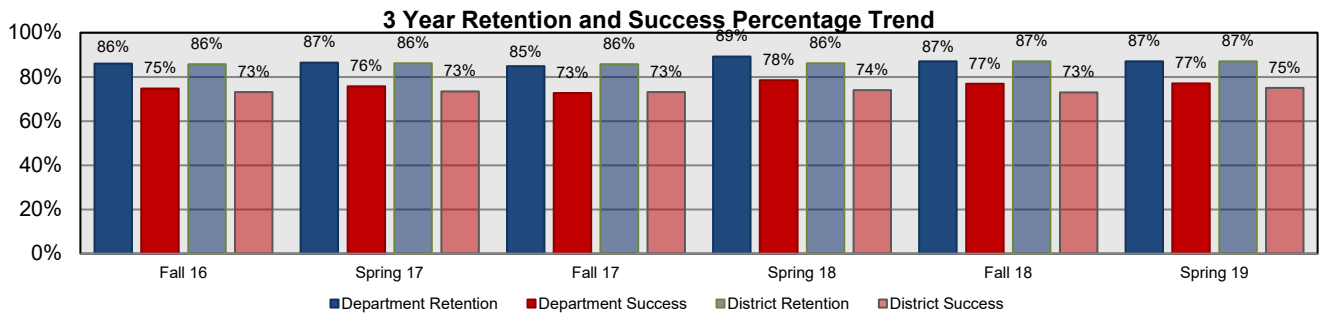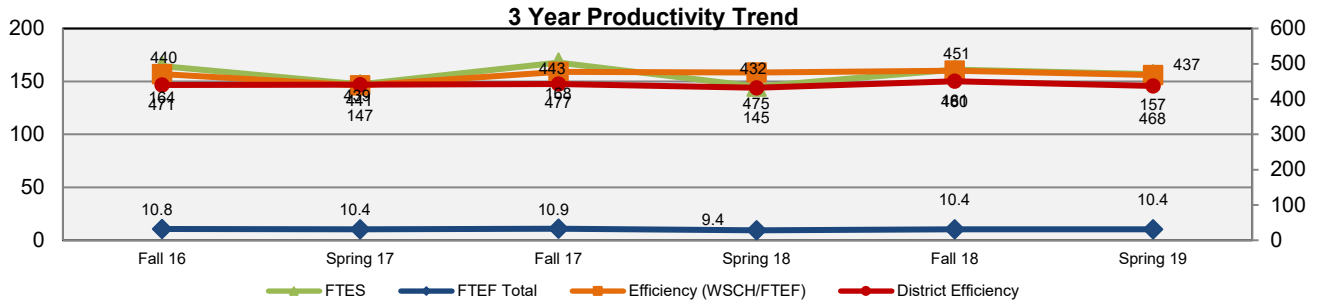
Enrollment by Location	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
Department Total	1,227	1,096	1,251	1,105	1,179	1,168	1,171
Roseville Gateway							#DIV/0!
Rocklin Campus	832	711	819	715	770	782	772
Tahoe Truckee							#DIV/0!
Nevada County Campus	19	29	14	23	21	27	22
Distance Learning	376	356	418	367	388	359	377

3 Year Enrollment Trend by Location
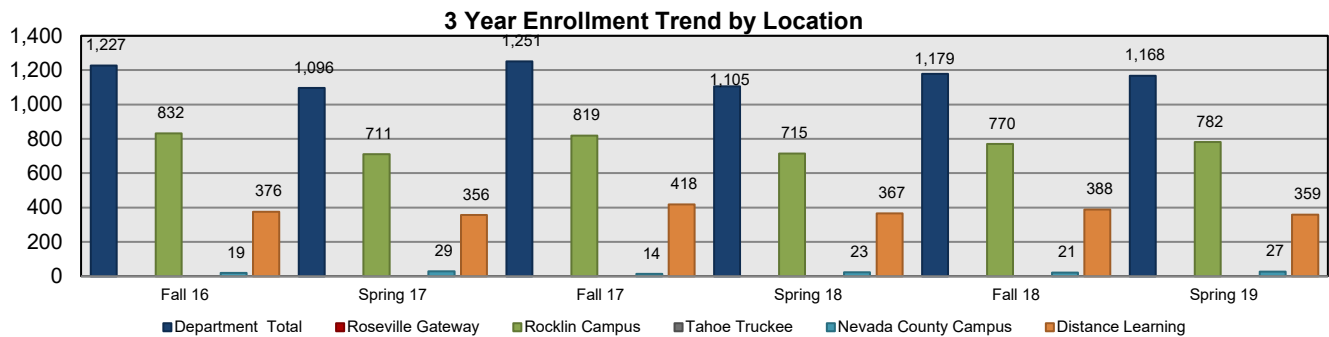
District Information	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
District Enrollment	52,884	50,350	52,980	49,784	53,068	50,881	51,658
District Retention	86%	86%	86%	86%	87%	87%	86%
District Success	73%	73%	73%	74%	73%	75%	74%
District Efficiency	440	441	443	432	451	437	441
District Fill Rate	89.0%	88.0%	88.0%	85.0%	89.0%	87.0%	87.7%

More program information at the link below
https://inside.sierracollege.edu/rp/Pages/Dashboards.aspx

PRRD - 3/11/2020

Computer Science   **Business and Technology**

Instructional FTEF by Load Type	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
FT	3.01	2.96	2.96	2.02	2.02	1.98	2.49
PT	7.52	6.91	7.16	6.96	7.68	8.15	7.40
OV	0.45	0.49	0.75	0.45	0.70	0.25	0.51
Total FTEF	10.98	10.36	10.87	9.43	10.40	10.38	10.40

FT/PT Ratio (FT%)	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
Dept	27%	28%	27%	21%	21%	20%	24%
Rocklin	30%	32%	32%	26%	25%	21%	28%
NCC	0%	0%	0%	0%	0%	0%	0%
RG							#DIV/0!
TT							#DIV/0!
DL	23%	25%	20%	15%	15%	18%	19%

2018/19 FT%
for FT/PT Ratio

Spring 2019
FTE by Load Type

Spring 2019
Staff Headcount
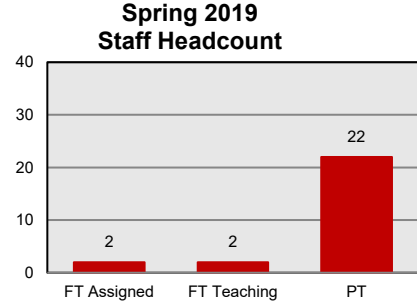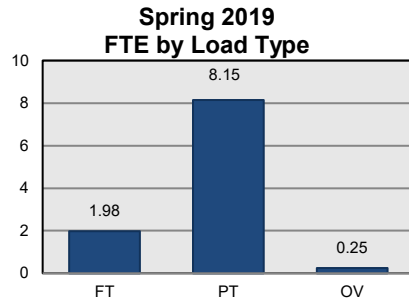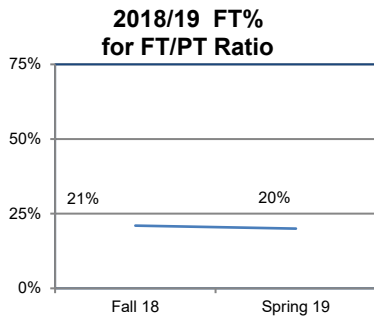
Staff Headcount	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
FT Assigned	3	3	3	2	2	2	2.50
FT Teaching	3	3	3	2	2	2	2.50
PT	21	18	18	18	21	22	19.67

Majors	Fall 16	Spring 17	Fall 17	Spring 18	Fall 18	Spring 19	3 Yr Avg
Computer Sci-Computer Sci	1421	1167	406	368	409	398	694.83
Computer Sci-Embedded Systems	14	7	4	5	7	11	8.00
Computer Sci-Web Programming	51	34	8	6	2	2	
Computer Science for Transfer	924	980	363	367	401	380	569.17
Computer Science-Computer Tech	5						5.00
CST-Comp Serv Technologist					1	1	1.00
Computer Studies	12	3	1	1			4.25
Computer Studies-Comp Sci	4	5					4.50
Computer-Sci-Mgmt Info Systems	70	60	28	33	27	25	40.50

Awards	2016-17	2017-18	2018-19	3 Yr Avg
AA	3	3	3	3.00
AS	19	23	37	26.33
AA-T				#DIV/0!
AS-T	6	9	11	8.67
Certificate	2	3	2	2.33
Total	30	38	53	40.33

Course Outcomes	# of Active Courses	# Courses Assessed	# Active Learning Outcomes	Outcomes Assessed
	18	0	93	0
Program Outcomes	# of Program Outcomes	Outcomes Assessed		
Curriculum Currency SP 16				

Active Course = Taught during the previous 3 years   Outcomes Assessed = Outcomes assessed during the previous 3 yrs
Active Learning Outcomes = Active Course outcomes   Program Outcomes = Active Program Level Outcomes
Course Assessed = Course assessed and SAA submitted during the previous 3 years

Computer Science   **Business and Technology**

Retention/Success by Ethnicity	Fall 16 Enr.	%	Spring 17 Enr.	%	Fall 17 Enr.	%	Spring 18 Enr.	%	Fall 18 Enr.	%	Spring 19 Enr.	%	3 Yr Avg %
African American Ret.	33	79%	36	81%	58	76%	43	88%	45	87%	55	84%	82%
African American Succ.		64%		61%		57%		72%		71%		62%	64%
Amer Indian/Alaskan Nat Ret.	23	57%	20	95%	37	95%	45	73%	43	88%	45	82%	82%
Amer Indian/Alaskan Nat Succ.		57%		90%		86%		69%		74%		80%	76%
Asian Ret.	158	88%	136	85%	141	92%	149	86%	148	88%	144	89%	88%
Asian Succ.		77%		75%		84%		77%		79%		83%	79%
Filipino Ret.	42	93%	35	91%	29	79%	22	91%	32	91%	34	94%	90%
Filipino Succ.		86%		80%		69%		82%		84%		88%	82%
Hispanic/Latino Ret.	156	91%	148	89%	143	90%	124	83%	147	82%	144	79%	86%
Hispanic/Latino Succ.		71%		72%		74%		75%		70%		64%	71%
Pacific Islander Ret.	5	80%	3	67%	2	100%	5	100%	11	82%	6	83%	84%
Pacific Islander Succ.		80%		33%		50%		100%		73%		50%	69%
Other/Multi-Ethnic Ret.	8	63%	3	100%	39	87%	47	87%	34	97%	45	89%	89%
Other/Multi-Ethnic Succ.		50%		100%		79%		72%		88%		84%	79%
Uknown/Declined Ret.	14	93%	15	80%	12	83%	6	67%	3	100%	9	100%	86%
Uknown/Declined Succ.		79%		73%		58%		67%		67%		78%	71%
White Ret.	788	86%	700	86%	790	83%	664	89%	716	87%	686	88%	87%
White Succ.		75%		77%		73%		78%		78%		79%	77%
Disparate Threshold (Succ.)		60%		62%		58%		62%		62%		63%	61%

Retention/Success by Equity Pop.	Fall 16 Enr.	%	Spring 17 Enr.	%	Fall 17 Enr.	%	Spring 18 Enr.	%	Fall 18 Enr.	%	Spring 19 Enr.	%	3 Yr Avg %
Students with Disabilities Ret.	77	86%	83	87%	75	80%	62	77%	77	88%	82	80%	83%
Students with Disabilities Succ.		75%		76%		63%		68%		73%		62%	70%
Foster Youth Ret.	3	67%	4	75%	8	88%	3	67%	6	83%	5	80%	79%
Foster Youth Succ.		67%		50%		38%		33%		67%		20%	45%
Low Income Ret.*	378	85%	363	85%	601	85%	536	85%	622	86%	628	86%	85%
Low Income Succ.*		72%		72%		74%		74%		77%		75%	74%
Veteran Ret.	45	87%	37	87%	32	75%	23	96%	29	97%	24	96%	88%
Veteran Succ.		67%		68%		56%		70%		83%		83%	70%
Female Ret.	215	81%	197	90%	243	86%	194	85%	220	86%	196	86%	86%
Female Succ.		71%		84%		78%		78%		75%		78%	77%
Male Ret.	984	87%	870	85%	986	85%	895	87%	928	87%	945	87%	86%
Male Succ.		76%		74%		73%		76%		77%		77%	75%
Other/Non-Discolsed Gender Ret.	28	82%	29	93%	22	55%	16	88%	31	94%	27	93%	85%
Other/Non-Discolsed Gender Succ		75%		76%		45%		75%		74%		85%	72%

Average Success by Group

Bar chart values: 64%, 76%, 79%, 82%, 71%, 79%, 71%, 77%, 70%, 45%, 74%, 70%, 77%, 75%, 72%

Legend:
- African American Succ.
- Amer Indian/Alaskan Nat Succ.
- Asian Succ.
- Filipino Succ.
- Hispanic/Latino Succ.
- Other/Multi-Ethnic Succ.
- Uknown/Declined Succ.
- White Succ.
- Students with Disabilities Succ.
- Foster Youth Succ.
- Low Income Succ.*
- Veteran Succ.
- Female Succ.
- Male Succ.
- Other/Non-Discolsed Gender Succ.