

DEFINITIONS

Reporting Period	Academic Year(s): 2016-2017 to 2020-2021
Duplicated Headcount (Enrollments)	Counts each student once for every course in which they enroll.
Unduplicated Headcount	Counts each student once and only once, regardless of the number of courses in which they enroll.
Course Success	Grades starting with 'A', 'B', 'C', and 'P' are considered successful – all other letter grades represent unsuccessful outcomes. The success rate is calculated based on the following formula: $\text{Success Rate} = \frac{\text{Number of registrations with grades A, B, C, or P}}{\text{Number of registrations with a non-blank grade}}$ Note that the denominator includes withdrawals, i.e. grades of W.
Course Retention	The percentage of enrollments that earned any letter grade other than W.
Course Withdrawal	The percentage of enrollments that earned a W letter grade.
Data Suppression	The success rates and withdrawal rates for demographic sub-populations of students fewer than 10 are suppressed. These cells are masked with an asterisk (*).
Subpopulations Less Than 1%	For the following sections, if the percent size of a subpopulation is greater than zero but less than 1% then it is shown as "<1%": GENDER & ETHNICITY, AGE & GOAL.
Goals	Goals are grouped as follows: 4 yr stu take class for 4 yr col: Includes the educational goal "4-year students take class for 4-year college" College Preparation: Includes the educational goals "Complete Credits for HS Diplom" and "Improve Basic Skills" CTE Certif/Career Development: Includes the educational goals "Acquire Job Skills/ New Career", "Earn 2 year Certificate without Transfer", "Maintain Certificate/License", "Update Job Skills/ Job Advance", and "Earn Vocational Certificate without Transfer" Degree/Transfer: Includes the educational goals "Earn AA/AS & Transfer to 4 year institution", "Earn AA/AS w/out Transfer", and "Transfer to 4 year institution without AA/AS" Exploratory: Includes all other goals not listed above.
Full-Time Equivalent Faculty (FTEF)	Total faculty workload divided by 15. Excludes faculty workload assigned to sections that were cancelled.
Full-Time Equivalent Students (FTES)	1 FTES = 525 contact hours. Cancelled sections and audit enrollments are excluded from this figure.
Load	Weekly Student Contact Hours (WSCH) ÷ FTEF. Cancelled sections and audit enrollments are excluded from this figure.
Fall Unit Load	Based on the unit enrollment districtwide.
Modality	Hybrid: Includes sections with a Sequence Code beginning with H or an Attribute Code of HYBR. Online: Includes sections with a Sequence Code beginning with O or an Attribute Code of ONLN. Face to Face: Includes all other types of sections. This report includes ALL modalities.
Departments	This report includes ONLY the following department(s): CHEM.
Courses	This report includes ALL courses.

SKYLINE COLLEGE STUDENT CHARACTERISTICS

Department(s): CHEM

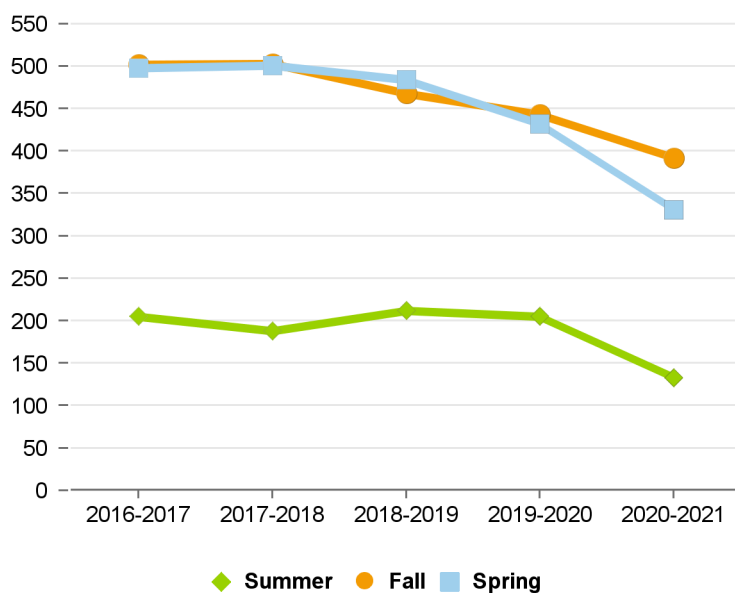
Unduplicated Headcount by Term

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Summer	205	188	212	205	133
Fall	502	503	468	443	392
Spring	498	501	484	432	331
Total	1,015	1,033	1,011	943	771

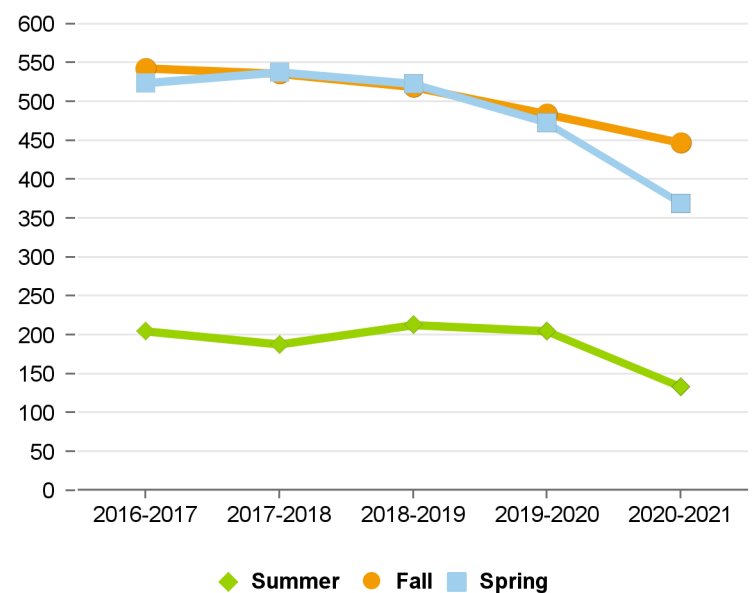
Enrollments by Term

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
Summer	205	188	213	205	133
Fall	543	536	519	484	447
Spring	524	538	523	473	369
Total	1,272	1,262	1,255	1,162	949

Unduplicated Headcount by Term



Enrollments by Term



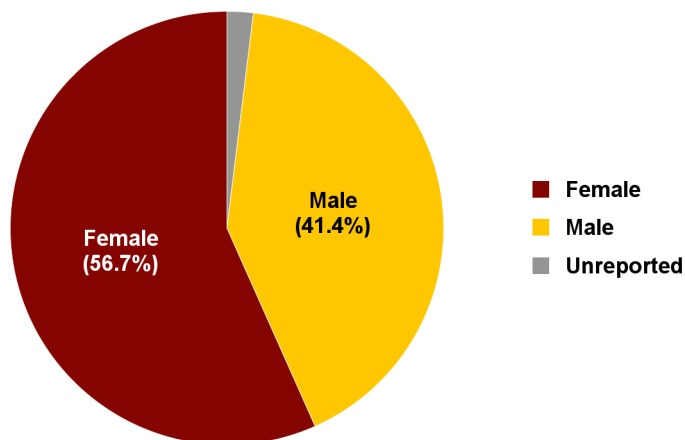
SKYLINE COLLEGE STUDENT CHARACTERISTICS

Department(s): CHEM



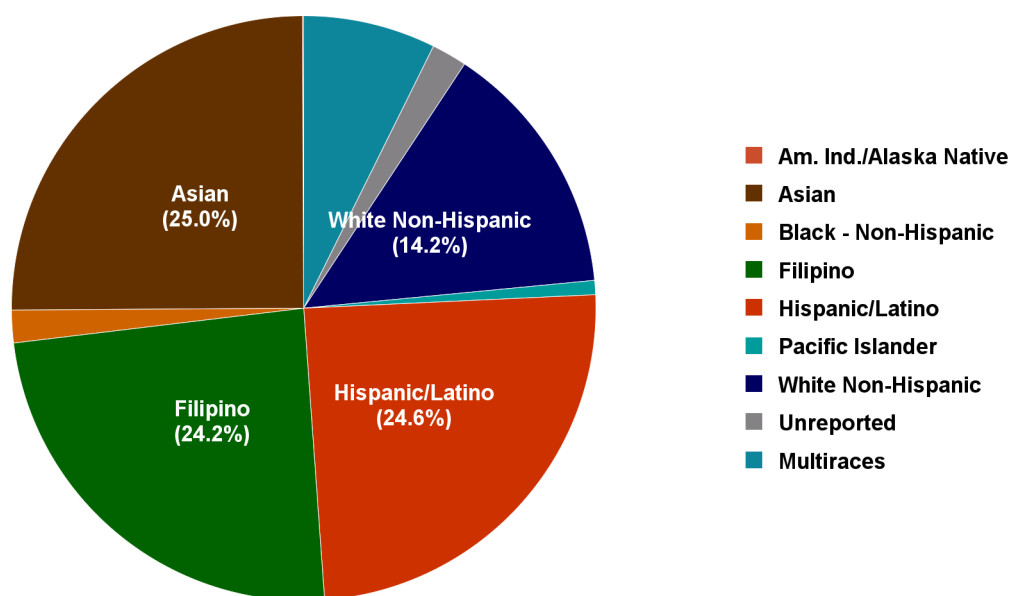
Unduplicated Headcount by Gender

	Female	Male	Unreported
2016-2017	54.1%	43.9%	2.0%
2017-2018	56.1%	42.5%	1.5%
2018-2019	56.1%	41.6%	2.3%
2019-2020	56.3%	41.6%	2.1%
2020-2021	62.6%	35.8%	1.6%
Total	2,235	1,632	77
Total %	56.7%	41.4%	2.0%



Unduplicated Headcount by Ethnicity

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total	Total %
Am. Ind./Alaska Native		<1%		<1%		3	<1%
Asian	28.6%	24.5%	24.0%	26.0%	22.2%	987	25.0%
Black - Non-Hispanic	1.8%	2.2%	1.6%	1.5%	1.0%	71	1.8%
Filipino	25.3%	24.9%	24.8%	23.5%	22.3%	956	24.2%
Hispanic/Latino	20.8%	23.4%	25.5%	26.1%	30.6%	970	24.6%
Pacific Islander	<1%	<1%	<1%	<1%	<1%	31	<1%
White Non-Hispanic	14.4%	14.0%	13.1%	13.0%	13.9%	560	14.2%
Unreported	1.9%	1.3%	2.3%	1.5%	2.5%	77	2.0%
Multiraces	6.8%	8.6%	8.1%	7.2%	6.7%	289	7.3%
Total	1,015	1,033	1,011	943	771	3,944	100.0%



Unduplicated Headcount by Age

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total	Total %
Age Under 18	7.9%	9.7%	9.9%	11.2%	5.6%	410	10.4%
Age 18 - 22	60.8%	57.8%	58.2%	54.5%	55.3%	2,277	57.7%
Age 23 - 28	21.9%	22.2%	19.2%	19.7%	23.3%	883	22.4%
Age 29 - 39	7.9%	7.6%	10.5%	11.7%	12.7%	423	10.7%
Age 40 - 49	1.5%	2.2%	1.8%	1.9%	2.5%	86	2.2%
Age 50 - 59	<1%	<1%	<1%	<1%	<1%	22	<1%
Age 60 +		<1%			<1%	2	<1%
Total	1,015	1,033	1,011	943	771	3,944	100.0%

Unduplicated Headcount by Goal

	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Total	Total %
4yr stu take class for 4yr col	10.6%	6.7%	8.6%	5.9%	5.3%	317	8.0%
College Preparation	1.8%	1.4%	2.3%	2.9%	<1%	82	2.1%
CTE Certif/Career Development	9.0%	7.5%	8.4%	6.8%	8.8%	342	8.7%
Degree/Transfer	69.3%	73.9%	73.0%	77.3%	78.0%	2,866	72.7%
Exploratory	9.4%	10.6%	7.7%	7.1%	7.1%	337	8.5%
Total	1,015	1,033	1,011	943	771	3,944	100.0%

Unduplicated Headcount by Fall Unit Load

	FALL 2016		FALL 2017		FALL 2018		FALL 2019		FALL 2020	
Full Time (12+ Units)	290	57.8%	277	55.1%	265	56.6%	280	63.2%	202	51.5%
Part Time (Less Than 12 Units)	212	42.2%	226	44.9%	203	43.4%	163	36.8%	190	48.5%
Total	502		503		468		443		392	

Annual Course Success and Retention

	Enrollments	Success Count	Success Rate	Retention Rate	Withdrawal Rate
2016-2017	1,272	910	71.5%	82.4%	17.6%
2017-2018	1,262	888	70.4%	81.1%	18.9%
2018-2019	1,255	846	67.4%	78.9%	21.1%
2019-2020	1,162	854	73.5%	87.8%	12.2%
2020-2021	949	649	68.4%	99.9%	0.1%
Total	5,900	4,147	70.3%	85.3%	14.7%

Term Course Success and Retention

	Enrollments	Success Count	Success Rate	Retention Rate	Withdrawal Rate
Summer 2016	205	170	82.9%	92.7%	7.3%
Fall 2016	543	376	69.2%	80.1%	19.9%
Spring 2017	524	364	69.5%	80.7%	19.3%
Summer 2017	188	151	80.3%	92.6%	7.4%
Fall 2017	536	349	65.1%	76.7%	23.3%
Spring 2018	538	388	72.1%	81.6%	18.4%
Summer 2018	213	165	77.5%	88.3%	11.7%
Fall 2018	519	335	64.5%	75.5%	24.5%
Spring 2019	523	346	66.2%	78.4%	21.6%
Summer 2019	205	156	76.1%	88.3%	11.7%
Fall 2019	484	331	68.4%	78.3%	21.7%
Spring 2020	473	367	77.6%	97.3%	2.7%
Summer 2020	133	107	80.5%	99.2%	0.8%
Fall 2020	447	307	68.7%	100.0%	0.0%
Spring 2021	369	235	63.7%	100.0%	0.0%
Total	5,900	4,147	70.3%	85.3%	14.7%

SKYLINE COLLEGE STUDENT OUTCOMES

Department(s): CHEM



		SU16	FA16	SP17	SU17	FA17	SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20	SP21	All Terms
Am. Ind./ Alaska Native	Enrollment						1				1		1				3
	Withdrawal						*				*		*				*
	Success						*				*		*				*
Asian	Enrollment	80	164	142	63	130	136	66	134	133	62	132	138	32	111	99	1,622
	Withdrawal	5%	16%	15%	6%	21%	10%	5%	14%	14%	13%	17%	1%	0%	0%	0%	10%
	Success	93%	75%	74%	90%	72%	85%	85%	74%	77%	82%	80%	87%	88%	75%	73%	79%
Black - Non-Hispanic	Enrollment	3	9	10	5	14	7	4	5	8	2	6	9	1	3	5	91
	Withdrawal	*	*	*	*	36%	*	*	*	*	*	*	*	*	*	*	16%
	Success	*	*	*	*	50%	*	*	*	*	*	*	*	*	*	*	67%
Filipino	Enrollment	39	133	134	41	121	137	41	122	132	32	127	111	32	103	76	1,381
	Withdrawal	10%	18%	24%	2%	18%	20%	15%	28%	25%	16%	20%	3%	0%	0%	0%	16%
	Success	77%	71%	69%	95%	70%	67%	80%	59%	63%	69%	69%	76%	81%	74%	70%	70%
Hispanic/ Latino	Enrollment	41	125	107	39	128	123	52	128	136	59	118	107	38	138	101	1,440
	Withdrawal	2%	24%	22%	13%	30%	25%	19%	30%	27%	12%	25%	4%	3%	0%	0%	18%
	Success	83%	66%	66%	62%	54%	65%	60%	58%	58%	73%	58%	70%	68%	61%	52%	62%
Pacific Islander	Enrollment	3	3	1	2	5	7	1	5	1	2	5	3	2	4	1	45
	Withdrawal	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	24%
	Success	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	51%
White Non-Hispanic	Enrollment	23	57	85	22	80	76	27	66	58	24	56	68	18	55	48	763
	Withdrawal	9%	21%	12%	5%	26%	18%	15%	27%	22%	0%	25%	3%	0%	0%	0%	15%
	Success	70%	68%	76%	68%	63%	76%	85%	70%	69%	88%	70%	79%	83%	64%	69%	72%
Unreported	Enrollment	5	13	9	2	8	7	2	12	14	6	8	4	5	5	11	111
	Withdrawal	*	15%	*	*	*	*	*	25%	0%	*	*	*	*	*	0%	8%
	Success	*	62%	*	*	*	*	*	75%	79%	*	*	*	*	*	73%	72%
Multiraces	Enrollment	11	39	36	14	50	44	20	47	41	17	32	32	5	28	28	444
	Withdrawal	27%	23%	33%	14%	20%	20%	10%	23%	22%	18%	31%	6%	*	0%	0%	18%
	Success	64%	64%	56%	71%	68%	68%	80%	60%	63%	71%	56%	63%	*	79%	46%	64%
ALL	Enrollment	205	543	524	188	536	538	213	519	523	205	484	473	133	447	369	5,900
	Withdrawal	7%	20%	19%	7%	23%	18%	12%	24%	22%	12%	22%	3%	1%	0%	0%	15%
	Success	83%	69%	69%	80%	65%	72%	77%	65%	66%	76%	68%	78%	80%	69%	64%	70%

SKYLINE COLLEGE STUDENT OUTCOMES

Department(s): CHEM



		SU16	FA16	SP17	SU17	FA17	SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20	SP21	All Terms
Female	Enrollment	109	279	284	117	295	301	130	286	307	109	266	265	89	295	221	3,353
	Withdrawal	8%	19%	18%	9%	21%	18%	15%	26%	21%	11%	20%	2%	1%	0%	0%	14%
	Success	79%	73%	69%	78%	70%	74%	74%	66%	70%	76%	71%	80%	78%	69%	67%	72%
Male	Enrollment	94	252	229	69	232	228	80	217	208	90	206	198	42	145	145	2,435
	Withdrawal	6%	21%	20%	4%	26%	20%	7%	23%	22%	12%	24%	3%	0%	0%	0%	16%
	Success	87%	66%	69%	84%	59%	68%	84%	63%	59%	76%	65%	75%	88%	70%	59%	68%
Unreported	Enrollment	2	12	11	2	9	9	3	16	8	6	12	10	2	7	3	112
	Withdrawal	*	*	27%	*	*	*	*	25%	*	*	17%	*	*	*	*	15%
	Success	*	*	73%	*	*	*	*	63%	*	*	75%	*	*	*	*	67%
ALL	Enrollment	205	543	524	188	536	538	213	519	523	205	484	473	133	447	369	5,900
	Withdrawal	7%	20%	19%	7%	23%	18%	12%	24%	22%	12%	22%	3%	1%	0%	0%	15%
	Success	83%	69%	69%	80%	65%	72%	77%	65%	66%	76%	68%	78%	80%	69%	64%	70%

SKYLINE COLLEGE STUDENT OUTCOMES

Department(s): CHEM



		SU16	FA16	SP17	SU17	FA17	SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20	SP21	All Terms
Age Under 18	Enrollment	34	20	35	35	24	51	28	33	57	47	30	38	3	20	27	482
	Withdrawal	0%	5%	20%	9%	13%	16%	0%	15%	19%	15%	20%	0%	*	0%	0%	11%
	Success	97%	90%	71%	77%	83%	80%	82%	73%	74%	81%	73%	92%	*	90%	78%	81%
Age 18 - 22	Enrollment	122	344	340	101	325	317	127	320	318	96	292	267	71	257	225	3,522
	Withdrawal	5%	21%	21%	6%	25%	19%	11%	23%	20%	14%	24%	3%	0%	0%	0%	15%
	Success	84%	67%	68%	81%	63%	69%	80%	63%	66%	70%	65%	76%	82%	67%	64%	69%
Age 23 - 28	Enrollment	40	127	98	39	130	111	40	104	92	34	94	92	36	103	72	1,212
	Withdrawal	20%	23%	16%	8%	22%	16%	23%	36%	30%	6%	20%	5%	3%	0%	0%	17%
	Success	70%	66%	68%	79%	65%	73%	63%	58%	57%	76%	69%	72%	78%	65%	63%	67%
Age 29 - 39	Enrollment	7	45	43	9	43	42	15	49	48	23	58	59	18	58	35	552
	Withdrawal	*	11%	16%	*	21%	17%	7%	20%	23%	9%	16%	2%	0%	0%	0%	11%
	Success	*	82%	81%	*	67%	81%	93%	76%	69%	87%	78%	86%	78%	76%	51%	77%
Age 40 - 49	Enrollment	2	6	8	3	13	14	2	12	5	4	7	12	3	6	10	107
	Withdrawal	*	*	*	*	15%	36%	*	0%	*	*	*	0%	*	*	0%	12%
	Success	*	*	*	*	85%	64%	*	100%	*	*	*	58%	*	*	70%	79%
Age 50 - 59	Enrollment		1				3	1	1	3	1	3	5	2	2		22
	Withdrawal		*				*	*	*	*	*	*	*	*	*		9%
	Success		*				*	*	*	*	*	*	*	*	*		82%
Age 60 +	Enrollment				1	1									1		3
	Withdrawal				*	*									*		*
	Success				*	*									*		*
ALL	Enrollment	205	543	524	188	536	538	213	519	523	205	484	473	133	447	369	5,900
	Withdrawal	7%	20%	19%	7%	23%	18%	12%	24%	22%	12%	22%	3%	1%	0%	0%	15%
	Success	83%	69%	69%	80%	65%	72%	77%	65%	66%	76%	68%	78%	80%	69%	64%	70%

SKYLINE COLLEGE STUDENT OUTCOMES

Department(s): CHEM



		SU16	FA16	SP17	SU17	FA17	SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20	SP21	All Terms
4yr stu take class for 4yr col	Enrollment	43	54	32	28	28	27	52	27	22	30	20	15	17	20	10	425
	Withdrawal	2%	26%	22%	0%	25%	11%	12%	15%	23%	17%	0%	0%	0%	0%	*	12%
	Success	93%	63%	72%	93%	64%	89%	73%	56%	64%	73%	95%	87%	94%	75%	*	76%
College Preparation	Enrollment	10	4	7	6	6	5	13	4	6	22	4	2	1	2	3	95
	Withdrawal	0%	*	*	*	*	*	0%	*	*	14%	*	*	*	*	*	11%
	Success	100%	*	*	*	*	*	77%	*	*	82%	*	*	*	*	*	79%
CTE Certif/ Career Development	Enrollment	15	49	43	20	31	45	24	38	40	9	29	37	20	35	19	454
	Withdrawal	7%	24%	14%	5%	16%	31%	21%	11%	7%	*	10%	0%	0%	0%	0%	12%
	Success	87%	69%	79%	75%	77%	62%	79%	87%	75%	*	79%	84%	75%	83%	79%	77%
Degree/Transfer	Enrollment	120	386	386	104	415	410	99	410	426	116	401	388	86	360	312	4,419
	Withdrawal	10%	19%	19%	9%	23%	18%	12%	27%	23%	11%	24%	3%	1%	0%	0%	16%
	Success	77%	68%	68%	78%	64%	70%	78%	62%	64%	72%	65%	76%	79%	67%	61%	68%
Exploratory	Enrollment	17	50	56	30	56	51	25	40	29	28	30	31	9	30	25	507
	Withdrawal	6%	14%	20%	10%	29%	14%	8%	18%	17%	11%	7%	0%	*	0%	0%	13%
	Success	88%	82%	70%	83%	66%	82%	84%	78%	79%	86%	93%	87%	*	67%	84%	79%
ALL	Enrollment	205	543	524	188	536	538	213	519	523	205	484	473	133	447	369	5,900
	Withdrawal	7%	20%	19%	7%	23%	18%	12%	24%	22%	12%	22%	3%	1%	0%	0%	15%
	Success	83%	69%	69%	80%	65%	72%	77%	65%	66%	76%	68%	78%	80%	69%	64%	70%

SKYLINE COLLEGE STUDENT OUTCOMES

Department(s): CHEM



		SU16	FA16	SP17	SU17	FA17	SP18	SU18	FA18	SP19	SU19	FA19	SP20	SU20	FA20	SP21	All Terms
Full Time (12+ Units at SMCCCD)	Enrollment	1	317	322	1	298	335		301	302		304	268		243	215	2,907
	Withdrawal	*	22%	19%	*	24%	17%		26%	23%		23%	3%		0%	0%	17%
	Success	*	68%	70%	*	65%	75%		62%	65%		67%	79%		70%	62%	68%
Part Time (< 12 Units at SMCCCD)	Enrollment	204	226	202	187	238	203	213	218	221	205	180	205	133	204	154	2,993
	Withdrawal	7%	16%	20%	7%	22%	21%	12%	22%	20%	12%	19%	2%	1%	0%	0%	13%
	Success	83%	70%	68%	80%	65%	68%	77%	68%	68%	76%	71%	76%	80%	67%	66%	72%
ALL	Enrollment	205	543	524	188	536	538	213	519	523	205	484	473	133	447	369	5,900
	Withdrawal	7%	20%	19%	7%	23%	18%	12%	24%	22%	12%	22%	3%	1%	0%	0%	15%
	Success	83%	69%	69%	80%	65%	72%	77%	65%	66%	76%	68%	78%	80%	69%	64%	70%

SKYLINE COLLEGE PRODUCTIVITY

Department(s): CHEM

Year	FTEF	FTES	FTES Percent Change	Load	Load Percent Change	Sections	Census Enroll / Section
2016-2017	15.60	294.65		567		48	26.5
2017-2018	15.42	298.45	1.3%	581	2.5%	46	27.4
2018-2019	14.63	293.41	-1.7%	601	3.6%	45	27.9
2019-2020	14.49	279.21	-4.8%	578	-3.9%	48	24.2
2020-2021	12.42	214.45	-23.2%	518	-10.4%	48	19.7

Term	FTEF	FTES	FTES Percent Change	Load	Load Percent Change	Sections	Census Enroll / Section
Fall 2016	6.68	124.94		561		20	27.2
Fall 2017	6.50	127.02	1.7%	586	4.5%	20	26.8
Fall 2018	5.95	128.84	1.4%	649	10.7%	19	27.3
Fall 2019	6.46	125.94	-2.3%	585	-9.9%	22	22.0
Fall 2020	5.84	95.12	-24.5%	489	-16.5%	23	19.3
Spring 2017	6.52	122.70		565		21	25.0
Spring 2018	6.52	127.55	4.0%	587	4.0%	19	28.3
Spring 2019	5.96	123.39	-3.3%	621	5.8%	18	29.1
Spring 2020	5.63	108.67	-11.9%	579	-6.7%	19	24.9
Spring 2021	5.22	88.57	-18.5%	509	-12.1%	21	17.5
Summer 2016	2.40	47.01		588		7	29.3
Summer 2017	2.40	43.88	-6.6%	549	-6.6%	7	26.9
Summer 2018	2.72	41.18	-6.2%	454	-17.2%	8	26.6
Summer 2019	2.40	44.60	8.3%	558	22.8%	7	29.3
Summer 2020	1.36	30.77	-31.0%	679	21.7%	4	33.3