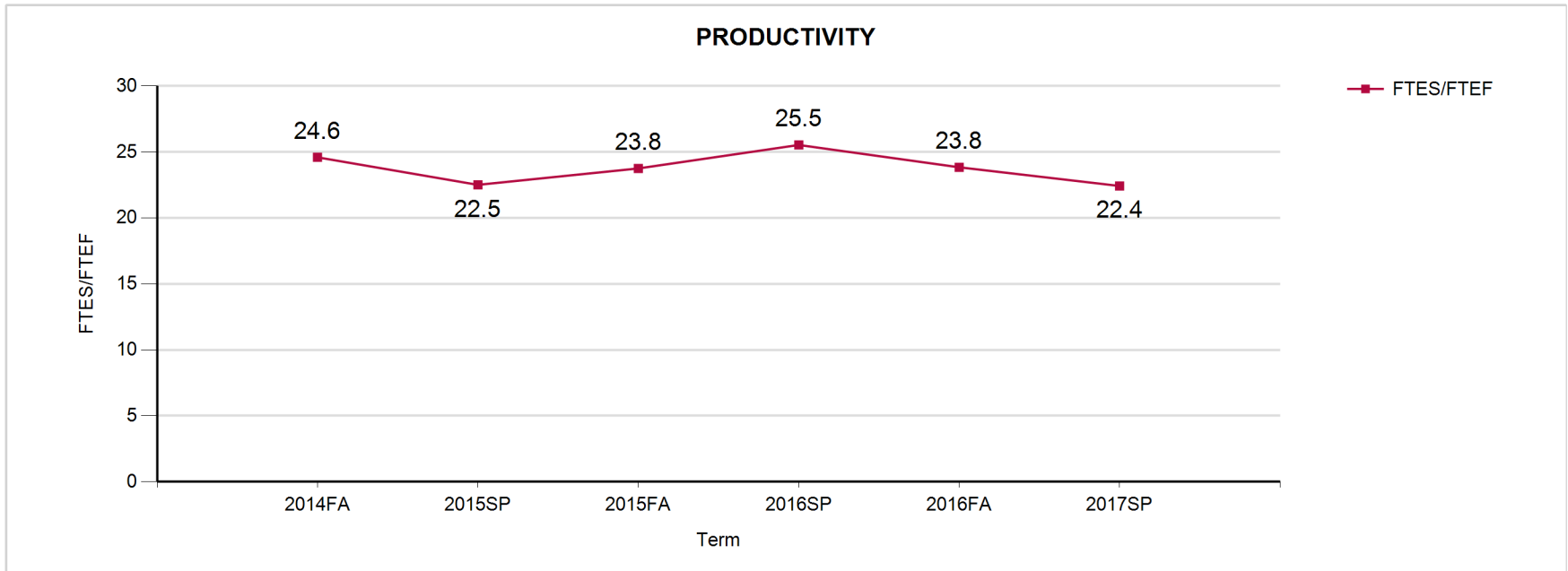


# LMC INTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

SEC TERM	SEC DEPTS	SEC SUBJECT	SEC COURSE NO	MAX SEATS	CURRENT	CENTUS	FTES	FTEF	FTES/FTEF
2014FA			Total ==>	440	422	473	47.967	1.950	24.598
2015SP			Total ==>	485	408	477	48.400	2.150	22.512
2015FA			Total ==>	521	480	550	55.827	2.350	23.756
2016SP			Total ==>	530	526	592	60.007	2.350	25.535
2016FA			Total ==>	620	583	647	65.567	2.750	23.842
2017SP			Total ==>	620	528	608	61.673	2.750	22.427



# LMC INTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

### HEADCOUNT BY POPULATION

ETHNICITY	2014FA		2015SP		2015FA		2016SP		2016FA		2017SP	
African American	75	16.3%	87	18.5%	100	18.7%	97	17.2%	111	17.6%	116	19.6%
Asian	32	6.9%	32	6.8%	37	6.9%	37	6.6%	27	4.3%	30	5.1%
Filipino	26	5.6%	30	6.4%	22	4.1%	34	6.0%	46	7.3%	26	4.4%
Hispanic	175	38.0%	172	36.5%	215	40.1%	235	41.7%	273	43.2%	266	44.9%
Other/Undeclared	15	3.3%	7	1.5%	15	2.8%	11	2.0%	14	2.2%	11	1.9%
White	138	29.9%	143	30.4%	147	27.4%	150	26.6%	161	25.5%	144	24.3%
<b>GENDER</b>												
Female	244	52.9%	240	51.0%	273	50.9%	284	50.4%	322	50.9%	307	51.8%
Male	213	46.2%	225	47.8%	259	48.3%	275	48.8%	302	47.8%	282	47.6%
Unknown Gender	4	0.9%	6	1.3%	4	0.7%	5	0.9%	8	1.3%	4	0.7%
<b>DISABILITIES</b>												
With Disabilities	31	6.7%	44	9.3%	46	8.6%	37	6.6%	40	6.3%	45	7.6%
Without Disabilities	430	93.3%	427	90.7%	490	91.4%	527	93.4%	592	93.7%	548	92.4%
<b>FOSTER YOUTH</b>												
Foster Youth	22	4.8%	24	5.1%	34	6.3%	34	6.0%	34	5.4%	28	4.7%
Non-Foster Youth	439	95.2%	447	94.9%	502	93.7%	530	94.0%	598	94.6%	565	95.3%
<b>VETERANS</b>												
Non-Veteran	448	97.2%	456	96.8%	519	96.8%	533	94.5%	614	97.2%	568	95.8%
Veteran	13	2.8%	15	3.2%	17	3.2%	31	5.5%	18	2.8%	25	4.2%
<b>LOW INCOME</b>												
Low Income	311	67.5%	318	67.5%	363	67.7%	402	71.3%	408	64.6%	374	63.1%
Non-Lo-Income	150	32.5%	153	32.5%	173	32.3%	162	28.7%	224	35.4%	219	36.9%
<b>TOTAL ==&gt;</b>	<b>461</b>	<b>100.0%</b>	<b>471</b>	<b>100.0%</b>	<b>536</b>	<b>100.0%</b>	<b>564</b>	<b>100.0%</b>	<b>632</b>	<b>100.0%</b>	<b>593</b>	<b>100.0%</b>

# LMC INTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

### SEAT COUNT BY POPULATION

ETHNICITY	2014FA		2015SP		2015FA		2016SP		2016FA		2017SP	
African American	76	16.1%	88	18.4%	102	18.5%	100	16.9%	116	17.9%	117	19.2%
Asian	33	7.0%	32	6.7%	38	6.9%	42	7.1%	28	4.3%	35	5.8%
Filipino	26	5.5%	31	6.5%	23	4.2%	36	6.1%	47	7.3%	26	4.3%
Hispanic	177	37.6%	174	36.5%	220	40.0%	243	41.0%	277	42.8%	270	44.4%
Other/Undeclared	15	3.2%	7	1.5%	16	2.9%	11	1.9%	14	2.2%	11	1.8%
White	144	30.6%	145	30.4%	151	27.5%	160	27.0%	165	25.5%	149	24.5%
<b>GENDER</b>												
Female	249	52.9%	243	50.9%	285	51.8%	295	49.8%	327	50.5%	314	51.6%
Male	218	46.3%	228	47.8%	261	47.5%	292	49.3%	312	48.2%	290	47.7%
Unknown Gender	4	0.8%	6	1.3%	4	0.7%	5	0.8%	8	1.2%	4	0.7%
<b>DISABILITIES</b>												
With Disabilities	34	7.2%	45	9.4%	46	8.4%	38	6.4%	41	6.3%	47	7.7%
Without Disabilities	437	92.8%	432	90.6%	504	91.6%	554	93.6%	606	93.7%	561	92.3%
<b>FOSTER YOUTH</b>												
Foster Youth	22	4.7%	24	5.0%	35	6.4%	34	5.7%	35	5.4%	28	4.6%
Non-Foster Youth	449	95.3%	453	95.0%	515	93.6%	558	94.3%	612	94.6%	580	95.4%
<b>VETERANS</b>												
Non-Veteran	458	97.2%	462	96.9%	533	96.9%	561	94.8%	629	97.2%	583	95.9%
Veteran	13	2.8%	15	3.1%	17	3.1%	31	5.2%	18	2.8%	25	4.1%
<b>LOW INCOME</b>												
Low Income	320	67.9%	323	67.7%	369	67.1%	413	69.8%	417	64.5%	382	62.8%
Non-Lo-Income	151	32.1%	154	32.3%	181	32.9%	179	30.2%	230	35.5%	226	37.2%
<b>TOTAL ==&gt;</b>	<b>471</b>	<b>100.0%</b>	<b>477</b>	<b>100.0%</b>	<b>550</b>	<b>100.0%</b>	<b>592</b>	<b>100.0%</b>	<b>647</b>	<b>100.0%</b>	<b>608</b>	<b>100.0%</b>

# LMC INTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

### COURSE COMPLETION RATE BY POPULATION

ETHNICITY	2014FA		2015SP		2015FA		2016SP		2016FA		2017SP	
African American	71	93.4%	78	88.6%	88	86.3%	84	84.0%	101	87.1%	98	83.8%
Asian	29	87.9%	27	84.4%	38	100.0%	37	88.1%	23	82.1%	29	82.9%
Filipino	20	76.9%	24	77.4%	21	91.3%	35	97.2%	43	91.5%	25	96.2%
Hispanic	160	90.4%	149	85.6%	191	86.8%	212	87.2%	249	89.9%	238	88.1%
Other/Undeclared	14	93.3%	6	85.7%	11	68.8%	10	90.9%	13	92.9%	8	72.7%
White	128	88.9%	124	85.5%	131	86.8%	148	92.5%	154	93.3%	130	87.2%
<b>GENDER</b>												
Female	223	89.6%	210	86.4%	253	88.8%	263	89.2%	294	89.9%	272	86.6%
Male	195	89.4%	194	85.1%	224	85.8%	258	88.4%	281	90.1%	252	86.9%
Unknown Gender	4	100.0%	4	66.7%	3	75.0%	5	100.0%	8	100.0%	4	100.0%
<b>DISABILITIES</b>												
With Disabilities	33	97.1%	35	77.8%	36	78.3%	33	86.8%	38	92.7%	41	87.2%
Without Disabilities	389	89.0%	373	86.3%	444	88.1%	493	89.0%	545	89.9%	487	86.8%
<b>FOSTER YOUTH</b>												
Foster Youth	18	81.8%	19	79.2%	30	85.7%	27	79.4%	32	91.4%	24	85.7%
Non-Foster Youth	404	90.0%	389	85.9%	450	87.4%	499	89.4%	551	90.0%	504	86.9%
<b>VETERANS</b>												
Non-Veteran	409	89.3%	394	85.3%	464	87.1%	498	88.8%	566	90.0%	506	86.8%
Veteran	13	100.0%	14	93.3%	16	94.1%	28	90.3%	17	94.4%	22	88.0%
<b>LOW INCOME</b>												
Low Income	287	89.7%	267	82.7%	320	86.7%	365	88.4%	373	89.4%	323	84.6%
Non-Lo-Income	135	89.4%	141	91.6%	160	88.4%	161	89.9%	210	91.3%	205	90.7%
<b>TOTAL ==&gt;</b>	<b>422</b>	<b>89.6%</b>	<b>408</b>	<b>85.5%</b>	<b>480</b>	<b>87.3%</b>	<b>526</b>	<b>88.9%</b>	<b>583</b>	<b>90.1%</b>	<b>528</b>	<b>86.8%</b>

# LMC INTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

### COURSE SUCCESS RATE BY POPULATION

ETHNICITY	2014FA		2015SP		2015FA		2016SP		2016FA		2017SP	
African American	58	76.3%	61	69.3%	65	63.7%	62	62.0%	72	62.1%	62	53.0%
Asian	25	75.8%	26	81.3%	33	86.8%	31	73.8%	18	64.3%	23	65.7%
Filipino	19	73.1%	20	64.5%	16	69.6%	31	86.1%	33	70.2%	19	73.1%
Hispanic	142	80.2%	131	75.3%	159	72.3%	174	71.6%	203	73.3%	175	64.8%
Other/Undeclared	13	86.7%	6	85.7%	11	68.8%	9	81.8%	8	57.1%	4	36.4%
White	114	79.2%	112	77.2%	117	77.5%	126	78.8%	137	83.0%	114	76.5%
<b>GENDER</b>												
Female	199	79.9%	183	75.3%	217	76.1%	223	75.6%	248	75.8%	214	68.2%
Male	168	77.1%	169	74.1%	183	70.1%	207	70.9%	215	68.9%	181	62.4%
Unknown Gender	4	100.0%	4	66.7%	1	25.0%	3	60.0%	8	100.0%	2	50.0%
<b>DISABILITIES</b>												
With Disabilities	30	88.2%	33	73.3%	28	60.9%	28	73.7%	28	68.3%	34	72.3%
Without Disabilities	341	78.0%	323	74.8%	373	74.0%	405	73.1%	443	73.1%	363	64.7%
<b>FOSTER YOUTH</b>												
Foster Youth	14	63.6%	12	50.0%	19	54.3%	20	58.8%	21	60.0%	16	57.1%
Non-Foster Youth	357	79.5%	344	75.9%	382	74.2%	413	74.0%	450	73.5%	381	65.7%
<b>VETERANS</b>												
Non-Veteran	359	78.4%	345	74.7%	390	73.2%	408	72.7%	457	72.7%	380	65.2%
Veteran	12	92.3%	11	73.3%	11	64.7%	25	80.6%	14	77.8%	17	68.0%
<b>LOW INCOME</b>												
Low Income	251	78.4%	228	70.6%	264	71.5%	303	73.4%	305	73.1%	245	64.1%
Non-Lo-Income	120	79.5%	128	83.1%	137	75.7%	130	72.6%	166	72.2%	152	67.3%
<b>TOTAL ==&gt;</b>	<b>371</b>	<b>78.8%</b>	<b>356</b>	<b>74.6%</b>	<b>401</b>	<b>72.9%</b>	<b>433</b>	<b>73.1%</b>	<b>471</b>	<b>72.8%</b>	<b>397</b>	<b>65.3%</b>

# LMC INSTRUCTIONAL PROGRAM REVIEW

ASTRO - Astronomy

## Degrees and Certificates

Degrees/Certificates
Total

# LMC INSTRUCTIONAL PROGRAM REVIEW

## ASTRO - Astronomy

### Definitions:

**Head Count:** Unduplicated count of students enrolled in a given term broken down by population groups.

#### **Seat Count also known as Course Enrollment**

**Definition:** A student is considered to have been enrolled in a course if the student received an end-of-term grade notation that is displayed on their official transcript.

**Grade notations indicating valid enrollment:** A, B, C, D, F, FW, I\*, MW, P/CR, NP/NC, RD, W

**Grade notations not indicating valid enrollment:** DR\*\*, UD, XX

\* Includes IA, IB, IC, ID, IF, INP, IPP, and IX

\*\* DR = Indicates a drop after first census date, but before the date for receiving a "W". A "DR" notation has no academic implications for a student and is not included on the student's transcript. For that reason, the "DR" grade is excluded from most enrollment and success metrics. However, we note that the ARCC report does include "DR" as a valid enrollment indicator.

#### **Course Completion Rate (formerly Retention Rate II)**

**Definition:** Percentage of students who do not withdraw from class and who receive a valid grade.

**Numerator:** A, B, C, CR, D, F, I\*, NC, NP, P, RD

**Denominator:** A, B, C, CR, D, F, FW, I\*, NC, NP, P, RD, W

\*Includes IA, IB, IC, ID, IF, INP, IPP, and IX

**Excluded grade notations:** DR, IP, MW, UD, XX

#### **Course Success Rate**

**Definition:** Percentage of students who receive a passing/satisfactory grade.

**Numerator:** A, B, C, CR, IA, IB, IC, IPP, P

**Denominator:** A, B, C, CR, D, F, FW, IA, IB, IC, ID, IF, INP, IPP, P, NC, NP, W

**Excluded grade notations:** DR, IP, IX, MW, RD, UD, XX