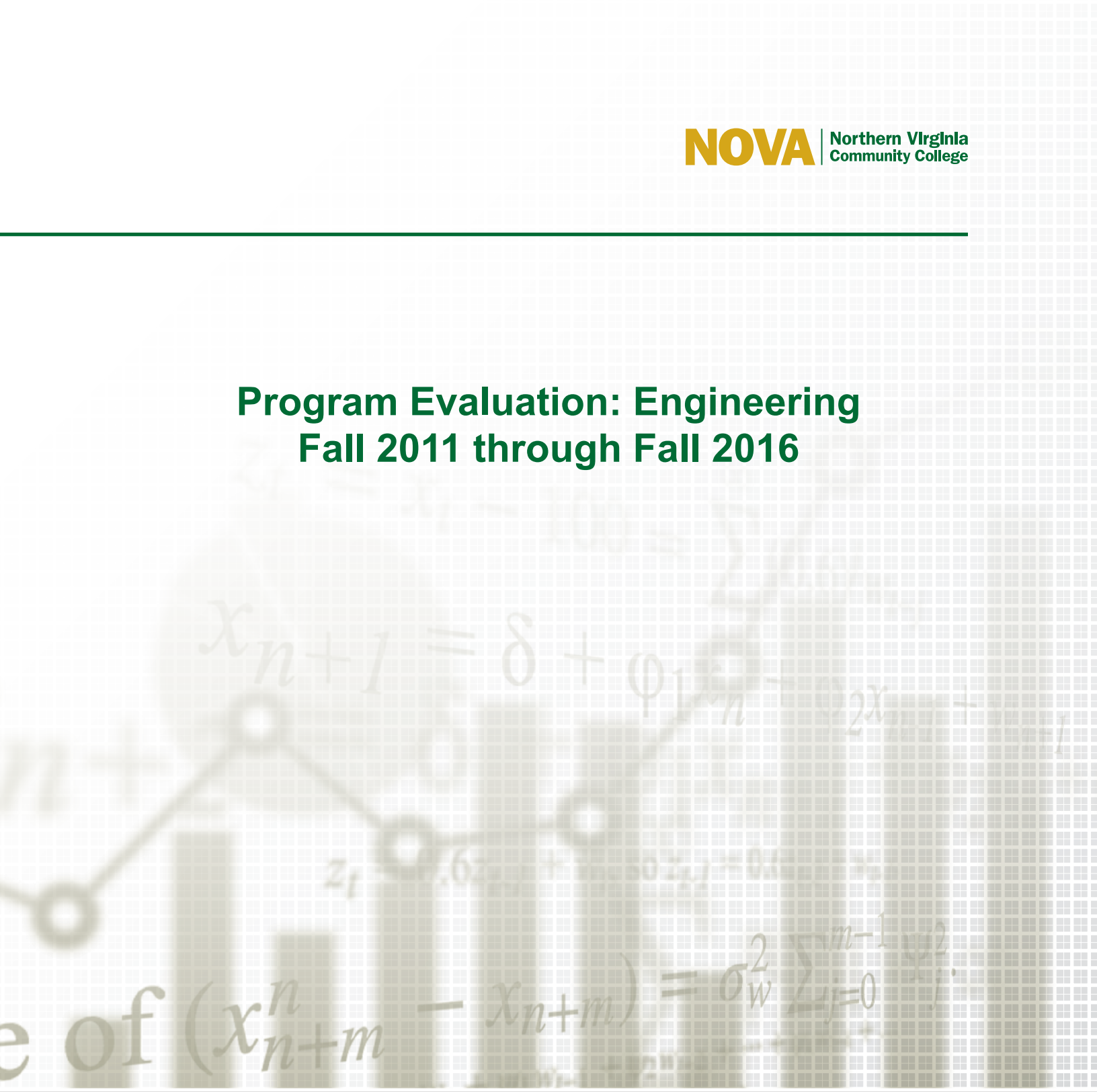
NOVA | Northern Virginia Community College

Program Evaluation: Engineering
Fall 2011 through Fall 2016



Research Report No. 62-17

Office of Institutional Effectiveness and Student Success Initiatives

JULY 2017

NORTHERN VIRGINIA COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL EFFECTIVENESS AND STUDENT SUCCESS INITIATIVES

The purpose of the Office of Institutional Effectiveness and Student Success Initiatives is to conduct analytical studies and provide information in support of institutional planning, policy formulation, and decision making. In addition, the office provides leadership and support in research related activities to members of the NOVA community engaged in planning and evaluating the institution's success in accomplishing its mission.

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Engineering Program Data Evaluation:
2011-12 through 2015-2016

Introduction

This Report presents student enrollment and success data for the Engineering program. Engineering courses are offered at Alexandria and Annandale, Loudoun, and Manassas campuses and ELI. Section 1 provides unduplicated enrollment data on students in the Engineering program for Fall 2011 through Fall 2016. Data are disaggregated by gender, race, age, enrollment status, campus, modality, day/night status, and session.

Section 2 presents student success data for the Engineering from 2013-2014 through 2015-2016. Student success data includes successful course completion rates disaggregated by campus, modality, dual enrollment status, and session, graduation rates by cohort, and cumulative mean GPA of graduates.

Section 3 includes data on Engineering FTES, Current Funded Ratio, and FTEF from Fall 2013 through Fall 2016.

Section 1. Engineering Annual Headcount and Student Enrollment Profile

A. Engineering Annual Headcount

Table 1. Annual Headcount for All Program-Placed Students: 2011-12 through 2015-16

Program	Curr. Code	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	Avg.	% Change 11-12 to 15-16
Engineering, AS	8310	1,437	1,645	1,960	2,109	2,121	1,854	47.6
Engineering/Electrical Engineering, AS	8311	691	804	788	785	731	760	5.8
Program-Placed Students		**59,973**	**61,498**	**60,797**	**59,052**	**57,260**	**59,716**	**-4.5**
All Students		**76,552**	**78,413**	**77,332**	**76,044**	**75,858**	**76,840**	**-1.0**

Source: IRIS Files

Table 2. Annual Headcount for First-time in College, Program-Placed Students: 2011-12 through 2015-16

Program	Curr. Code	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	Avg.	% Change 11-12 to 15-16
Engineering, AS	8310	283	314	441	455	492	397	73.9
Engineering/Electrical Engineering, AS	8311	96	135	110	120	105	113	9.4
Program-Placed Students		**9,711**	**10,491**	**11,006**	**10,535**	**10,513**	**10,451**	**8.3**
All Students		**12,907**	**13,953**	**14,631**	**15,134**	**16,377**	**14,600**	**27.0**

Source: IRIS Files

B. Engineering Enrollment Profile

Table 3. Engineering Student Enrollment Profile: Fall 2013 through Fall 2016

	Fall 2013		Fall 2014		Fall 2015		Fall 2016	
	#	%	#	%	#	%	#	%
Enrollment	1,918	100.0	2,004	100.0	2,024	100.0	2,021	100.0
Gender								
Male	1,663	86.7	1,731	86.4	1,758	86.9	1,737	85.9
Female	255	13.3	273	13.6	266	13.1	284	14.1
Race								
White	680	35.5	714	35.6	681	33.6	701	34.7
Black/African American	293	15.3	321	16.0	306	15.1	305	15.1
Asian	409	21.3	380	19.0	388	19.2	400	19.8
Hispanic/Latino	421	21.9	481	24.0	520	25.7	492	24.3
American Indian/Alaska Native	4	0.2	1	0.0	1	0.0	3	0.1
Native Hawaiian/Other Pacific Islander	12	0.6	11	0.5	13	0.6	15	0.7
Two or More Races	49	2.6	55	2.7	65	3.2	60	3.0
Unknown	26	1.4	32	1.6	38	1.9	42	2.1
Not Specified	24	1.3	9	0.4	12	0.6	3	0.1
Age Group								
Under 18	12	0.6	21	1.0	18	0.9	10	0.5
18-21	1,085	56.6	1,164	58.1	1,224	60.5	1,243	61.5
22-24	317	16.5	337	16.8	332	16.4	320	15.8
25-29	269	14.0	257	12.8	250	12.4	226	11.2
30-44	202	10.5	198	9.9	183	9.0	199	9.8
45-59	27	1.4	24	1.2	15	0.7	21	1.0
60 & Over	6	0.3	3	0.1	2	0.1	2	0.1
Full-Time/Part-Time								
Full-Time	1,135	59.2	1,122	56.0	1,166	57.6	1,085	53.7
Part-Time	783	40.8	882	44.0	858	42.4	936	46.3
Program Placement								
In 8310	1,404	73.2	1,455	72.6	1,524	75.3	1,562	77.3
In 8311	514	26.8	549	27.4	500	24.7	459	22.7

Source: IRIS Files
Note: Curr. Code=4000/4001/4060/221-405-43/221-405-45/221-400-02/221-407-95

Table 4. Engineering Student Enrollment Profile: Spring 2014 through Spring 2016

	Spring 2014		Spring 2015		S[ring 2016	
	N	%	N	%	N	%
Enrollment	1,882	100.0	1,924	100.0	1,933	100.0
Gender						
Male	1,630	86.6	1,650	85.8	1,644	85.0
Female	252	13.4	274	14.2	289	15.0
Race						
White	681	36.2	669	34.8	657	34.0
Black/African American	306	16.3	304	15.8	291	15.1
Asian	377	20.0	387	20.1	381	19.7
Hispanic/Latino	415	22.1	466	24.2	482	24.9
American Indian/Alaska Native	5	0.3	1	0.1	4	0.2
Native Hawaiian/Other Pacific Islander	10	0.5	8	0.4	12	0.6
Two or More Races	43	2.3	48	2.5	62	3.2
Unknown	26	1.4	33	1.7	36	1.9
Not Specified	19	1.0	8	0.4	8	0.4
Age Group						
Under 18	2	0.1	1	0.1	1	0.1
18-21	883	46.9	926	48.1	1,020	52.8
22-24	409	21.7	452	23.5	419	21.7
25-29	302	16.0	289	15.0	270	14.0
30-44	254	13.5	223	11.6	201	10.4
45-59	25	1.3	28	1.5	18	0.9
60 & Over	7	0.4	5	0.3	4	0.2
Full-Time/Part-Time						
Full-Time	1,022	54.3	1,061	55.1	1,033	53.4
Part-Time	860	45.7	863	44.9	900	46.6
Program Placement						
In 8310	1,336	71.0	1,415	73.5	1,456	75.3
In 8311	546	29.0	509	26.5	477	24.7

Source: IRIS Files
Note: Curr. Code=4000/4001/4060/221-405-43/221-405-45/221-400-02/221-407-95

C. Engineering Enrollment by Course and Campus

Table 5. Engineering Enrollment by Course: Fall 2013 through Fall 2016

Course	Fall 2013	Fall 2014	Fall 2015	Fall 2016
EGR 115	56	51	53	45
EGR 120	422	208	278	302
EGR 126	191	162	133	148
EGR 130	23	19	20	13
EGR 206	89	89	84	85
EGR 240	188	128	142	145
EGR 245	72	39	60	62
EGR 246	46	51	56	61
EGR 251	111	130	101	89
EGR 252	23	27	43	35
EGR 255	22	37	43	34
EGR 265	31	45	55	38
EGR 295	.	.	.	12
EGR 299	6	.	.	.
Total	**1,280**	**1,281**	**1,282**	**1,283**

Source: IRIS Files

Table 6. Engineering Enrollment by Course: Spring 2014 through Spring 2016

Course	Spring 2014	Spring 2015	Spring 2016
EGR 115	76	63	37
EGR 120	351	288	322
EGR 126	186	164	169
EGR 130	7	.	.
EGR 206	108	104	100
EGR 240	139	153	141
EGR 245	85	85	86
EGR 246	73	82	82
EGR 251	81	109	92
EGR 252	81	54	47
EGR 255	58	52	58
EGR 265	40	33	51
EGR 290	.	.	.
EGR 295	19	23	21
Total	**1,304**	**1,210**	**1,206**

Source: IRIS Files

Table 7. Engineering Enrollment by Campus: Fall 2013

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	11	35	.	10	.	56	14
EGR 120	72	287	.	63	.	422	42
EGR 126	27	143	.	21	.	191	27
EGR 130	14	9	.	.	.	23	.
EGR 206	.	89	.	.	.	89	17
EGR 240	24	164	.	.	.	188	.
EGR 245	17	55	.	.	.	72	.
EGR 246	.	46	.	.	.	46	.
EGR 251	.	111	.	.	.	111	29
EGR 252	.	23	.	.	.	23	.
EGR 255	.	22	.	.	.	22	3
EGR 265	.	31	.	.	.	31	.
EGR 299	.	6	.	.	.	6	.
Total	**165**	**1,021**	**.**	**94**	**.**	**1,280**	***132***

Source: IRIS Files

Table 8. Engineering Enrollment by Campus: Fall 2014

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	11	31	.	9	.	51	14
EGR 120	24	128	.	56	.	208	13
EGR 126	24	104	.	34	.	162	12
EGR 130	9	10	.	.	.	19	.
EGR 206	.	89	.	.	.	89	44
EGR 240	.	106	.	22	.	128	.
EGR 245	.	27	.	12	.	39	.
EGR 246	.	37	.	14	.	51	.
EGR 251	.	130	.	.	.	130	44
EGR 252	.	27	.	.	.	27	.
EGR 255	.	37	.	.	.	37	.
EGR 265	.	45	.	.	.	45	45
Total	**68**	**771**	**.**	**147**	**.**	**986**	**172**

Source: IRIS Files

Table 9. Engineering Enrollment by Campus: Fall 2015

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	13	28	.	12	.	53	13
EGR 120	56	122	44	56	.	278	24
EGR 126	26	75	13	19	.	133	6
EGR 130	20	.	.	.	.	20	.
EGR 206	.	74	10	.	.	84	29
EGR 240	.	118	.	24	.	142	.
EGR 245	.	49	.	11	.	60	.
EGR 246	.	45	.	11	.	56	.
EGR 251	.	101	.	.	.	101	46
EGR 252	.	43	.	.	.	43	15
EGR 255	.	43	.	.	.	43	17
EGR 265	.	55	.	.	.	55	40
Total	**115**	**753**	**67**	**133**	**.**	**1,068**	**190**

Source: IRIS Files

Table 10. Engineering Enrollment by Campus: Fall 2016

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	14	19	.	12	.	45	11
EGR 120	85	111	57	49	.	302	.
EGR 126	18	100	22	8	.	148	17
EGR 130	13	.	.	.	.	13	.
EGR 206	21	43	.	21	.	85	40
EGR 240	29	61	23	32	.	145	.
EGR 245	.	40	.	22	.	62	.
EGR 246	.	41	.	20	.	61	.
EGR 251	.	72	8	9	.	89	23
EGR 252	.	35	.	.	.	35	18
EGR 255	.	34	.	.	.	34	24
EGR 265	.	38	.	.	.	38	15
EGR 295	.	12	.	.	.	12	.
Total	**180**	**606**	**110**	**173**	**.**	**1,069**	**148**

Source: IRIS Files

Table 11. Engineering Enrollment by Campus: Spring 2014

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	18	49	.	9	.	76	15
EGR 120	69	195	.	87	.	351	27
EGR 126	.	143	.	43	.	186	28
EGR 130	7	.	.	.	.	7	.
EGR 206	27	81	.	.	.	108	36
EGR 240	.	101	.	38	.	139	.
EGR 245	.	85	.	.	.	85	.
EGR 246	.	73	.	.	.	73	.
EGR 251	.	81	.	.	.	81	18
EGR 252	.	81	.	.	.	81	24
EGR 255	.	58	.	.	.	58	29
EGR 265	.	40	.	.	.	40	.
EGR 295	.	19	.	.	.	19	.
Total	**121**	**1,006**	**.**	**177**	**.**	**1,304**	**177**

Source: IRIS Files

Table 12. Engineering Enrollment by Campus: Spring 2015

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	23	33	.	7	.	63	5
EGR 120	65	155	.	68	.	288	30
EGR 126	11	123	.	30	.	164	10
EGR 206	31	60	.	13	.	104	45
EGR 240	.	116	.	37	.	153	.
EGR 245	.	72	.	13	.	85	.
EGR 246	22	39	.	21	.	82	.
EGR 251	.	109	.	.	.	109	55
EGR 252	.	54	.	.	.	54	34
EGR 255	.	52	.	.	.	52	23
EGR 265	.	33	.	.	.	33	33
EGR 295	.	23	.	.	.	23	.
Total	**152**	**869**	**.**	**189**	**.**	**1,210**	**235**

Source: IRIS Files

Table 13. Engineering Enrollment by Campus: Spring 2016

Course	Alexandria	Annandale	Loudoun	Manassas	Woodbridge	College	ELI
EGR 115	14	23	.	.	.	37	9
EGR 120	63	144	51	64	.	322	31
EGR 126	24	94	27	24	.	169	22
EGR 206	16	84	.	.	.	100	27
EGR 240	.	77	17	47	.	141	.
EGR 245	.	70	.	16	.	86	.
EGR 246	.	62	.	20	.	82	.
EGR 251	.	82	.	10	.	92	37
EGR 252	.	47	.	.	.	47	18
EGR 255	.	58	.	.	.	58	30
EGR 265	.	51	.	.	.	51	33
EGR 295	.	21	.	.	.	21	.
Total	**117**	**813**	**95**	**181**	**.**	**1,206**	**207**

Source: IRIS Files

D. Engineering Enrollment by Modality

Table 14. Engineering Enrollment by Modality: Fall 2013

Course	In-Person		Online		Hybrid		Independent Study	
	# Sections	# Students	# Sections	# Students	# Sections	# Students	# Sections	# Students
EGR 115	3	42	1	14	.	.	.	.
EGR 120	16	326	2	42	3	54	.	.
EGR 126	4	97	2	27	3	67	.	.
EGR 130	1	14	.	.	1	9	.	.
EGR 206	2	52	1	17	1	20	.	.
EGR 240	6	148	.	.	2	40	.	.
EGR 245	3	72	.	.	.	.	.	.
EGR 246	2	46	.	.	.	.	.	.
EGR 251	4	53	2	29	1	29	.	.
EGR 252	.	.	.	.	1	23	.	.
EGR 255	.	.	1	3	1	19	.	.
EGR 265	1	12	.	.	1	19	.	.
EGR 299	.	.	.	.	.	.	1	6
Total	**42**	**862**	**9**	**132**	**14**	**280**	**1**	**6**

Source: IRIS Files

Table 15. Engineering Enrollment by Modality: Fall 2014

Course	In-Person		Online		Hybrid	
	# Sections	# Students	# Sections	# Students	# Sections	# Students
EGR 115	3	37	1	14	.	.
EGR 120	9	158	1	13	2	37
EGR 126	5	99	2	12	2	51
EGR 130	1	9	.	.	1	10
EGR 206	2	45	2	44	.	.
EGR 240	6	111	.	.	1	17
EGR 245	3	39	.	.	.	.
EGR 246	2	41	.	.	1	10
EGR 251	3	56	2	44	1	30
EGR 252	.	.	.	.	1	27
EGR 255	.	.	.	.	3	37
EGR 265	.	.	1	45	.	.
Total	**34**	**595**	**9**	**172**	**12**	**219**

Source: IRIS Files

Table 16. Engineering Enrollment by Modality: Fall 2015

Course	In-Person		Online	
	# Sections	# Students	# Sections	# Students
EGR 115	3	40	1	13
EGR 120	13	254	1	24
EGR 126	6	127	2	6
EGR 130	1	20	.	.
EGR 206	3	55	1	29
EGR 240	7	142	.	.
EGR 245	3	60	.	.
EGR 246	3	56	.	.
EGR 251	3	55	2	46
EGR 252	1	28	1	15
EGR 255	2	26	1	17
EGR 265	1	15	1	40
Total	**46**	**878**	**10**	**190**

Source: IRIS Files

Table 17. Engineering Enrollment by Modality: Fall 2016

Course	In-Person		Online	
	# Sections	# Students	# Sections	# Students
EGR 115	3	34	1	11
EGR 120	15	302	.	.
EGR 126	7	131	1	17
EGR 130	1	13	.	.
EGR 206	2	45	2	40
EGR 240	7	145	.	.
EGR 245	3	62	.	.
EGR 246	3	61	.	.
EGR 251	5	66	1	23
EGR 252	1	17	1	18
EGR 255	1	10	1	24
EGR 265	1	23	1	15
EGR 295	1	12	.	.
Total	**50**	**921**	**8**	**148**

Source: IRIS Files

Table 18. Engineering Enrollment by Modality: Spring 2014

Course	In-Person		Online		Hybrid	
	# Sections	# Students	# Sections	# Students	# Sections	# Students
EGR 115	6	61	1	15	.	.
EGR 120	14	286	1	27	2	38
EGR 126	5	114	1	28	2	44
EGR 130	1	7	.	.	.	.
EGR 206	3	72	1	36	.	.
EGR 240	4	80	.	.	2	59
EGR 245	2	57	.	.	1	28
EGR 246	2	43	.	.	1	30
EGR 251	2	31	1	18	1	32
EGR 252	2	29	1	24	1	28
EGR 255	.	.	1	29	2	29
EGR 265	1	15	.	.	1	25
EGR 295	1	19	.	.	.	.
Total	**43**	**814**	**7**	**177**	**13**	**313**

Source: IRIS Files

Table 19. Engineering Enrollment by Modality: Spring 2015

Course	In-Person		Online		Hybrid	
	# Sections	# Students	# Sections	# Students	# Sections	# Students
EGR 115	6	58	1	5	.	.
EGR 120	12	245	1	30	1	13
EGR 126	6	112	1	10	2	42
EGR 206	2	59	2	45	.	.
EGR 240	5	125	.	.	1	28
EGR 245	3	72	.	.	1	13
EGR 246	4	82	.	.	.	.
EGR 251	1	23	2	55	1	31
EGR 252	1	20	2	34	.	.
EGR 255	.	.	1	23	2	29
EGR 265	.	.	2	33	.	.
EGR 295	2	23	.	.	.	.
Total	**42**	**819**	**12**	**235**	**8**	**156**

Source: IRIS Files

Table 20. Engineering Enrollment by Modality: Spring 2016

Course	In-Person		Online	
	# Sections	# Students	# Sections	# Students
EGR 115	3	28	1	9
EGR 120	13	291	1	31
EGR 126	7	147	1	22
EGR 206	3	73	1	27
EGR 240	6	141	.	.
EGR 245	4	86	.	.
EGR 246	4	82	.	.
EGR 251	3	55	2	37
EGR 252	1	29	1	18
EGR 255	2	28	1	30
EGR 265	1	18	1	33
EGR 295	1	21	.	.
Total	**48**	**999**	**9**	**207**

E. Engineering Enrollment by Day/Night Status

Table 21. Engineering Enrollment by Day/Night Status: Fall 2013

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	2	31	1	11	1	14
EGR 120	15	316	4	64	2	42
EGR 126	6	140	1	24	2	27
EGR 130	2	23	.	.	.	.
EGR 206	3	72	.	.	1	17
EGR 240	8	188	.	.	.	.
EGR 245	2	55	1	17	.	.
EGR 246	2	46	.	.	.	.
EGR 251	5	82	.	.	2	29
EGR 252	.	.	1	23	.	.
EGR 255	1	19	.	.	1	3
EGR 265	2	31	.	.	.	.
EGR 299	1	6	.	.	.	.
Total	**49**	**1,009**	**8**	**139**	**9**	**132**

Source: IRIS Files

Table 22. Engineering Enrollment by Day/Night Status: Fall 2014

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	2	26	1	11	1	14
EGR 120	9	174	2	21	1	13
EGR 126	6	126	1	24	2	12
EGR 130	2	19	.	.	.	.
EGR 206	2	45	.	.	2	44
EGR 240	7	128	.	.	.	.
EGR 245	3	39	.	.	.	.
EGR 246	2	41	1	10	.	.
EGR 251	4	86	.	.	2	44
EGR 252	1	27	.	.	.	.
EGR 255	3	37	.	.	.	.
EGR 265	.	.	.	.	1	45
Total	**41**	**748**	**5**	**66**	**9**	**172**

Source: IRIS Files

Table 23. Engineering Enrollment by Day/Night Status: Fall 2015

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	2	27	1	13	1	13
EGR 120	12	240	1	14	1	24
EGR 126	6	127	.	.	2	6
EGR 130	1	20	.	.	.	.
EGR 206	3	55	.	.	1	29
EGR 240	7	142	.	.	.	.
EGR 245	2	49	1	11	.	.
EGR 246	1	26	2	30	.	.
EGR 251	3	55	.	.	2	46
EGR 252	1	28	.	.	1	15
EGR 255	2	26	.	.	1	17
EGR 265	1	15	.	.	1	40
Total	**41**	**810**	**5**	**68**	**10**	**190**

Source: IRIS Files

Table 24. Engineering Enrollment by Day/Night Status: Fall 2016

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	2	20	1	14	1	11
EGR 120	15	302	.	.	.	.
EGR 126	7	131	.	.	1	17
EGR 130	1	13	.	.	.	.
EGR 206	2	45	.	.	2	40
EGR 240	5	96	2	49	.	.
EGR 245	2	40	1	22	.	.
EGR 246	1	29	2	32	.	.
EGR 251	5	66	.	.	1	23
EGR 252	1	17	.	.	1	18
EGR 255	1	10	.	.	1	24
EGR 265	1	23	.	.	1	15
EGR 295	1	12	.	.	.	.
Total	**44**	**804**	**6**	**117**	**8**	**148**

Source: IRIS Files

Table 25. Engineering Enrollment by Day/Night Status: Spring 2014

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	5	52	1	9	1	15
EGR 120	13	255	3	69	1	27
EGR 126	6	135	1	23	1	28
EGR 130	1	7	.	.	.	.
EGR 206	1	30	2	42	1	36
EGR 240	5	124	1	15	.	.
EGR 245	3	85	.	.	.	.
EGR 246	3	73	.	.	.	.
EGR 251	3	63	.	.	1	18
EGR 252	2	29	1	28	1	24
EGR 255	2	29	.	.	1	29
EGR 265	2	40	.	.	.	.
EGR 295	1	19	.	.	.	.
Total	**47**	**941**	**9**	**186**	**7**	**177**

Source: IRIS Files

Table 26. Engineering Enrollment by Day/Night Status: Spring 2015

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	5	47	1	11	1	5
EGR 120	11	222	2	36	1	30
EGR 126	8	154	.	.	1	10
EGR 206	1	28	1	31	2	45
EGR 240	6	153	.	.	.	.
EGR 245	4	85	.	.	.	.
EGR 246	4	82	.	.	.	.
EGR 251	2	54	.	.	2	55
EGR 252	1	20	.	.	2	34
EGR 255	2	29	.	.	1	23
EGR 265	.	.	.	.	2	33
EGR 295	2	23	.	.	.	.
Total	**46**	**897**	**4**	**78**	**12**	**235**

Source: IRIS Files

Table 27. Engineering Enrollment by Day/Night Status: Spring 2016

Course	Day		Night		Online	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	28	.	.	1	9
EGR 120	12	266	1	25	1	31
EGR 126	7	147	.	.	1	22
EGR 206	2	57	1	16	1	27
EGR 240	5	117	1	24	.	.
EGR 245	3	70	1	16	.	.
EGR 246	3	62	1	20	.	.
EGR 251	3	55	.	.	2	37
EGR 252	1	29	.	.	1	18
EGR 255	2	28	.	.	1	30
EGR 265	1	18	.	.	1	33
EGR 295	1	21	.	.	.	.
Total	**43**	**898**	**5**	**101**	**9**	**207**

Source: IRIS Files

F. Engineering Enrollment by Session

Table 28. Engineering Enrollment by Session: Fall 2013

Course	16W		8W1		8W2		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	42	.	.	.	.	1	14
EGR 120	16	337	1	11	2	32	2	42
EGR 126	7	164	.	.	.	.	2	27
EGR 130	2	23	.	.	.	.	.	.
EGR 206	3	72	.	.	.	.	1	17
EGR 240	8	188	.	.	.	.	.	.
EGR 245	3	72	.	.	.	.	.	.
EGR 246	2	46	.	.	.	.	.	.
EGR 251	5	82	.	.	.	.	2	29
EGR 252	1	23	.	.	.	.	.	.
EGR 255	1	19	.	.	.	.	1	3
EGR 265	2	31	.	.	.	.	.	.
EGR 299	.	.	.	.	.	.	1	6
Total	**53**	**1099**	**1**	**11**	**2**	**32**	**10**	**138**

Source: IRIS Files

Table 29. Engineering Enrollment by Session: Fall 2014

Course	16W		8W1		8W2		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	37	.	.	.	.	1	14
EGR 120	9	173	1	10	1	12	1	13
EGR 126	7	150	.	.	.	.	2	12
EGR 130	2	19	.	.	.	.	.	.
EGR 206	2	45	.	.	.	.	2	44
EGR 240	7	128	.	.	.	.	.	.
EGR 245	3	39	.	.	.	.	.	.
EGR 246	3	51	.	.	.	.	.	.
EGR 251	4	86	.	.	.	.	2	44
EGR 252	1	27	.	.	.	.	.	.
EGR 255	2	29	.	.	.	.	1	8
EGR 265	.	.	.	.	.	.	1	45
Total	**43**	**784**	**1**	**10**	**1**	**12**	**10**	**180**

Source: IRIS Files

Table 30. Engineering Enrollment by Session: Fall 2015

Course	16W		14W		8W2		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	40	.	.	.	.	1	13
EGR 120	11	227	1	12	1	15	1	24
EGR 126	5	101	1	26	.	.	2	6
EGR 130	1	20	.	.	.	.	.	.
EGR 206	3	55	.	.	.	.	1	29
EGR 240	7	142	.	.	.	.	.	.
EGR 245	3	60	.	.	.	.	.	.
EGR 246	3	56	.	.	.	.	.	.
EGR 251	3	55	.	.	.	.	2	46
EGR 252	1	28	.	.	.	.	1	15
EGR 255	1	12	1	14	.	.	1	17
EGR 265	1	15	.	.	.	.	1	40
Total	**42**	**811**	**3**	**52**	**1**	**15**	**10**	**190**

Source: IRIS Files

Table 31. Engineering Enrollment by Session: Fall 2016

Course	16W		14W		12W		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	34	.	.	.	.	1	11
EGR 120	14	277	.	.	1	25	.	.
EGR 126	6	113	1	18	.	.	1	17
EGR 130	.	.	1	13	.	.	.	.
EGR 206	1	24	1	21	.	.	2	40
EGR 240	6	116	1	29	.	.	.	.
EGR 245	3	62	.	.	.	.	.	.
EGR 246	3	61	.	.	.	.	.	.
EGR 251	5	66	.	.	.	.	1	23
EGR 252	1	17	.	.	.	.	1	18
EGR 255	1	10	.	.	.	.	1	24
EGR 265	1	23	.	.	.	.	1	15
EGR 295	1	12	.	.	.	.	.	.
Total	**45**	**815**	**4**	**81**	**1**	**25**	**8**	**148**

Source: IRIS Files

Table 32. Engineering Enrollment by Session: Spring 2014

Course	16W		8W1		8W2		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	40	.	.	.	.	4	36
EGR 120	12	259	1	23	2	29	2	40
EGR 126	7	158	.	.	.	.	1	28
EGR 130	.	.	.	.	.	.	1	7
EGR 206	3	72	.	.	.	.	1	36
EGR 240	5	124	.	.	.	.	1	15
EGR 245	3	85	.	.	.	.	.	.
EGR 246	2	57	.	.	.	.	1	16
EGR 251	3	63	.	.	.	.	1	18
EGR 252	3	57	.	.	.	.	1	24
EGR 255	2	29	.	.	.	.	1	29
EGR 265	2	40	.	.	.	.	.	.
EGR 295	1	19	.	.	.	.	.	.
Total	**46**	**1,003**	**1**	**23**	**2**	**29**	**14**	**249**

Source: IRIS Files

Table 33. Engineering Enrollment by Session: Spring 2015

Course	16W		8W1		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	3	37	.	.	4	26
EGR 120	11	216	1	23	2	49
EGR 126	7	143	.	.	2	21
EGR 206	2	59	.	.	2	45
EGR 240	6	153	.	.	.	.
EGR 245	4	85	.	.	.	.
EGR 246	4	82	.	.	.	.
EGR 251	2	54	.	.	2	55
EGR 252	1	20	.	.	2	34
EGR 255	2	29	.	.	1	23
EGR 265	.	.	.	.	2	33
EGR 295	1	16	.	.	1	7
Total	**43**	**894**	**1**	**23**	**18**	**293**

Source: IRIS Files

Table 34. Engineering Enrollment by Session: Spring 2016

Course	16W		14W		8W2		Dynamic	
	#Sections	#Students	#Sections	#Students	#Sections	#Students	#Sections	#Students
EGR 115	1	14	.	.	.	.	3	23
EGR 120	12	273	.	.	1	18	1	31
EGR 126	3	60	2	50	1	13	2	46
EGR 206	2	57	1	16	.	.	1	27
EGR 240	6	141	.	.	.	.	.	.
EGR 245	2	25	2	61	.	.	.	.
EGR 246	2	33	2	49	.	.	.	.
EGR 251	3	55	.	.	.	.	2	37
EGR 252	1	29	.	.	.	.	1	18
EGR 255	2	28	.	.	.	.	1	30
EGR 265	1	18	.	.	.	.	1	33
EGR 295	1	21	.	.	.	.	.	.
Total	**36**	**754**	**7**	**176**	**2**	**31**	**12**	**245**

Section 2. Engineering Student Success

A. Engineering Student Grade Distribution by Course

Table 35. Engineering Student Grade Distribution by Course: Fall 2013

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	61.8	19	8	7	1	12	9	56
EGR 120	76.2	190	94	53	16	57	32	442
EGR 126	74.9	50	57	36	10	18	20	191
EGR 130	70.8	13	3	1	2	2	3	24
EGR 206	64.0	26	16	15	8	14	10	89
EGR 240	50.8	36	30	29	22	34	36	187
EGR 245	50.0	6	13	17	13	13	10	72
EGR 246	43.5	5	6	9	7	13	6	46
EGR 251	73.0	40	26	15	4	10	16	111
EGR 252	73.9	11	5	1	1	3	2	23
EGR 255	86.4	17	1	1	2	1	0	22
EGR 265	77.4	9	7	8	4	2	1	31
EGR 299	100.0	5	0	0	0	0	1	6
Total	**68.2**	**427**	**266**	**192**	**90**	**179**	**146**	**1,300**

Source: PeopleSoft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

Table 36. Engineering Student Grade Distribution by Course: Fall 2014

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	78.4	26	9	5	0	4	7	51
EGR 120	85.6	111	46	21	3	13	14	208
EGR 126	72.8	40	46	32	12	20	12	162
EGR 130	89.5	12	2	3	0	0	2	19
EGR 206	64.0	35	12	10	9	11	12	89
EGR 240	61.7	27	27	25	12	23	14	128
EGR 245	66.7	6	9	11	4	2	7	39
EGR 246	52.9	6	7	14	6	10	8	51
EGR 251	58.5	33	27	16	8	18	28	130
EGR 252	66.7	9	8	1	5	3	1	27
EGR 255	77.8	24	4	0	0	5	3	36
EGR 265	75.6	21	7	6	2	4	5	45
Total	**70.9**	**350**	**204**	**144**	**61**	**113**	**113**	**985**

Note: Success is defined as earning a grade of C or better.

Table 37. Engineering Student Grade Distribution by Course: Fall 2015

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	83.0	31	12	1	1	2	6	53
EGR 120	83.8	127	70	36	16	19	10	278
EGR 126	89.5	45	43	31	3	4	7	133
EGR 130	65.0	8	3	2	1	5	1	20
EGR 206	70.2	27	24	8	9	7	9	84
EGR 240	63.4	32	34	24	12	22	18	142
EGR 245	68.3	11	16	14	7	10	2	60
EGR 246	67.9	14	14	10	1	10	7	56
EGR 251	67.0	25	27	15	14	11	9	101
EGR 252	81.4	20	11	4	3	1	4	43
EGR 255	83.7	33	3	0	0	5	2	43
EGR 265	78.2	23	13	7	2	7	3	55
Total	**76.7**	**396**	**270**	**152**	**69**	**103**	**78**	**1,068**

Source: PeopleSoft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

Table 38. Engineering Student Grade Distribution by Course: Fall 2016

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	66.7	25	4	1	1	8	6	45
EGR 120	83.1	161	66	24	14	18	19	302
EGR 126	80.3	43	36	39	7	10	13	148
EGR 130	76.9	4	5	1	2	1	0	13
EGR 206	75.3	42	13	9	4	7	10	85
EGR 240	64.1	39	36	18	11	18	23	145
EGR 245	50.0	9	11	11	9	15	7	62
EGR 246	55.7	12	7	15	11	4	12	61
EGR 251	80.9	31	23	18	8	3	6	89
EGR 252	94.3	23	9	1	1	1	0	35
EGR 255	91.2	21	10	0	0	3	0	34
EGR 265	68.4	20	5	1	2	7	3	38
EGR 295	91.7	5	4	2	1	0	0	12
Total	**75.3**	**435**	**229**	**140**	**71**	**95**	**99**	**1,069**

Source: People Soft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

Table 39. Engineering Student Grade Distribution by Course: Spring 2014

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	66.7	32	10	8	2	12	12	76
EGR 120	81.2	143	93	49	9	25	32	351
EGR 126	71.0	52	49	31	15	20	19	186
EGR 130	100.0	4	3	0	0	0	0	7
EGR 206	75.0	47	18	16	8	5	14	108
EGR 240	52.1	23	29	21	16	28	23	140
EGR 245	68.2	10	24	24	12	8	7	85
EGR 246	54.8	8	17	15	7	18	8	73
EGR 251	63.8	22	18	11	8	11	11	81
EGR 252	77.8	36	20	7	3	9	6	81
EGR 255	89.7	30	22	0	0	3	3	58
EGR 265	75.0	15	9	6	4	4	2	40
EGR 295	94.7	16	1	1	0	1	0	19
Total	**72.1**	**438**	**313**	**189**	**84**	**144**	**137**	**1,305**

Source: PeopleSoft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

Table 40. Engineering Student Grade Distribution by Course: Spring 2015

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	83.3	39	3	3	6	2	1	54
EGR 120	86.5	155	68	26	11	12	16	288
EGR 126	71.3	43	50	24	6	21	20	164
EGR 206	85.6	47	32	10	3	6	6	104
EGR 240	64.1	36	32	30	18	17	20	153
EGR 245	64.7	17	20	18	9	15	6	85
EGR 246	59.8	10	24	15	10	16	7	82
EGR 251	64.2	31	28	11	10	17	12	109
EGR 252	81.5	26	15	3	4	4	2	54
EGR 255	82.7	34	6	3	2	2	5	52
EGR 265	78.8	14	8	4	0	3	4	33
EGR 295	95.7	9	6	7	0	0	1	23
Total	**75.5**	**461**	**292**	**154**	**79**	**115**	**100**	**1,201**

Source: PeopleSoft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

Table 41. Engineering Student Grade Distribution by Course: Spring 2016

Course	% Successful	A	B	C	D	F	W/X/I	Total
EGR 115	83.8	23	2	6	2	1	3	37
EGR 120	85.4	163	77	35	16	13	18	322
EGR 126	74.6	57	45	24	14	14	15	169
EGR 206	78.0	43	25	10	5	11	6	100
EGR 240	52.5	26	27	21	18	32	17	141
EGR 245	68.6	12	23	24	8	15	4	86
EGR 246	59.8	14	21	14	11	13	9	82
EGR 251	73.9	30	26	12	5	11	8	92
EGR 252	91.5	28	12	3	0	2	2	47
EGR 255	87.9	37	12	2	0	4	3	58
EGR 265	84.3	17	17	9	3	3	2	51
EGR 295	90.5	10	6	3	0	0	2	21
Total	**76.0**	**460**	**293**	**163**	**82**	**119**	**89**	**1,206**

Source: PeopleSoft Grade Distribution Report
Note: Success is defined as earning a grade of C or better.

B. Engineering Student Success by Campus

Table 42. Engineering Student Success by Campus: Fall 2013

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale
EGR 115	61.8	63.6	80.0	55.9
EGR 120	76.2	83.7	82.5	72.5
EGR 126	74.9	85.2	81.0	72.0
EGR 130	70.8	86.7	.	44.4
EGR 206	64.0	.	.	64.0
EGR 240	50.8	54.2	.	50.3
EGR 245	50.0	88.2	.	38.2
EGR 246	43.5	.	.	43.5
EGR 251	73.0	.	.	73.0
EGR 252	73.9	.	.	73.9
EGR 255	86.4	.	.	86.4
EGR 265	77.4	.	.	77.4
EGR 299	100.0	.	.	100.0
Total	**68.2**	**79.6**	**81.9**	**64.8**

Source: PeopleSoft Grade Distribution Report

Table 43. Engineering Student Success by Campus: Fall 2014

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale
EGR 115	78.4	81.8	100.0	71.0
EGR 120	85.6	91.7	89.3	82.8
EGR 126	72.8	87.5	76.5	68.3
EGR 130	89.5	100.0	.	80.0
EGR 206	64.0	.	.	64.0
EGR 240	61.7	.	59.1	62.3
EGR 245	66.7	.	58.3	70.4
EGR 246	52.9	.	64.3	48.6
EGR 251	58.5	.	.	58.5
EGR 252	66.7	.	.	66.7
EGR 255	77.8	.	.	77.8
EGR 265	75.6	.	.	75.6
Total	**70.9**	**89.7**	**77.6**	**67.9**

Source: PeopleSoft Grade Distribution Report

Table 44. Engineering Student Success by Campus: Fall 2015

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale	% Successful Loudoun
EGR 115	83.0	84.6	91.7	78.6	.
EGR 120	83.8	85.7	78.6	86.9	79.5
EGR 126	89.5	92.3	100.0	86.7	84.6
EGR 130	65.0	65.0	.	.	.
EGR 206	70.2	.	.	70.3	70.0
EGR 240	63.4	.	58.3	64.4	.
EGR 245	68.3	.	45.5	73.5	.
EGR 246	67.9	.	63.6	68.9	.
EGR 251	67.0	.	.	67.0	.
EGR 252	81.4	.	.	81.4	.
EGR 255	83.7	.	.	83.7	.
EGR 265	78.2	.	.	78.2	.
Total	**76.7**	**83.5**	**75.2**	**75.7**	**79.1**

Source: PeopleSoft Grade Distribution Report

Table 45. Engineering Student Success by Campus: Fall 2016

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale	% Successful Loudoun
EGR 115	66.7	85.7	66.7	52.6	.
EGR 120	83.1	89.4	79.6	79.3	84.2
EGR 126	80.3	88.9	100.0	73.7	95.5
EGR 130	76.9	76.9	.	.	.
EGR 206	75.3	76.2	71.4	76.7	.
EGR 240	64.1	75.9	59.4	54.1	82.6
EGR 245	50.0	.	36.4	57.5	.
EGR 246	55.7	.	25.0	70.7	.
EGR 251	80.9	.	88.9	77.8	100.0
EGR 252	94.3	.	.	94.3	.
EGR 255	91.2	.	.	91.2	.
EGR 265	68.4	.	.	68.4	.
EGR 295	91.7	.	.	91.7	.
Total	**75.3**	**84.4**	**63.6**	**73.7**	**87.3**

Source: PeopleSoft Grade Distribution Report

Table 46. Engineering Student Success by Campus: Spring 2014

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale
EGR 115	66.7	88.9	100.0	53.1
EGR 120	81.2	92.8	82.8	76.4
EGR 126	71.0	.	86.0	66.4
EGR 130	100.0	100.0	.	.
EGR 206	75.0	81.5	.	72.8
EGR 240	52.1	.	59.0	49.5
EGR 245	68.2	.	.	68.2
EGR 246	54.8	.	.	54.8
EGR 251	63.8	.	.	63.8
EGR 252	77.8	.	.	77.8
EGR 255	89.7	.	.	89.7
EGR 265	75.0	.	.	75.0
EGR 295	94.7	.	.	94.7
Total	**72.1**	**90.1**	**79.1**	**68.8**

Source: PeopleSoft Grade Distribution Report

Table 47. Engineering Student Success by Campus: Spring 2015

Course	% Successful College Wide	% Successful Alexandria	% Successful Manassas	% Successful Annandale
EGR 115	83.3	95.7	71.4	75.0
EGR 120	86.5	95.4	89.7	81.3
EGR 126	71.3	81.8	80.0	68.3
EGR 206	85.6	90.3	84.6	83.3
EGR 240	64.1	.	56.8	66.4
EGR 245	64.7	.	53.8	66.7
EGR 246	59.8	54.5	71.4	56.4
EGR 251	64.2	.	.	64.2
EGR 252	81.5	.	.	81.5
EGR 255	82.7	.	.	82.7
EGR 265	78.8	.	.	78.8
EGR 295	95.7	.	.	95.7
Total	**75.5**	**87.5**	**76.2**	**73.3**

Source: PeopleSoft Grade Distribution Report

Table 48. Engineering Student Success by Campus: Spring 2016

Course	% Successful College Wide	% Successful Alexandria	% Successful Annandale	% Successful Loudoun	% Successful Manassas
EGR 115	83.8	92.9	78.3	.	.
EGR 120	85.4	90.5	80.6	84.3	92.2
EGR 126	74.6	95.8	62.8	81.5	91.7
EGR 206	78.0	81.3	77.4	.	.
EGR 240	52.5	.	50.6	76.5	46.8
EGR 245	68.6	.	77.1	.	31.3
EGR 246	59.8	.	69.4	.	30.0
EGR 251	73.9	.	74.4	.	70.0
EGR 252	91.5	.	91.5	.	.
EGR 255	87.9	.	87.9	.	.
EGR 265	84.3	.	84.3	.	.
EGR 295	90.5	.	90.5	.	.
Total	**76.0**	**90.6**	**75.2**	**82.1**	**66.9**

Source: PeopleSoft Grade Distribution Report

C. Engineering Student Success by Modality

Table 49. Engineering Student Success by Modality: Fall 2013

Course	% Successful College Wide	% Successful In-Person	% Successful Online	% Successful Hybrid	% Successful Independent Study
EGR 115	61.8	58.5	71.4	.	.
EGR 120	76.2	76.9	71.4	75.9	.
EGR 126	74.9	81.4	51.9	74.6	.
EGR 130	70.8	86.7	.	44.4	.
EGR 206	64.0	55.8	82.4	70.0	.
EGR 240	50.8	49.0	.	57.5	.
EGR 245	50.0	50.0	.	.	.
EGR 246	43.5	43.5	.	.	.
EGR 251	73.0	71.7	65.5	82.8	.
EGR 252	73.9	.	.	73.9	.
EGR 255	86.4	.	66.7	89.5	.
EGR 265	77.4	66.7	.	84.2	.
EGR 299	100.0	.	.	.	100.0

Source: PeopleSoft Grade Distribution Report

Table 50. Engineering Student Success by Modality: Fall 2014

Course	% Successful College Wide	% Successful In-Person	% Successful Online	% Successful Hybrid
EGR 115	78.4	89.2	50.0	.
EGR 120	85.6	86.1	61.5	91.9
EGR 126	72.8	80.8	66.7	58.8
EGR 130	89.5	100.0	.	80.0
EGR 206	64.0	62.2	65.9	.
EGR 240	61.7	63.1	.	52.9
EGR 245	66.7	66.7	.	.
EGR 246	52.9	48.8	.	70.0
EGR 251	58.5	48.2	59.1	76.7
EGR 252	66.7	.	.	66.7
EGR 255	77.8	.	.	77.8
EGR 265	75.6	.	75.6	.

Source: PeopleSoft Grade Distribution Report

Table 51. Engineering Student Success by Modality: Fall 2015

Course	% Successful College Wide	% Successful In-Person	% Successful Online
EGR 115	83.0	87.5	69.2
EGR 120	83.8	84.3	79.2
EGR 126	89.5	92.1	33.3
EGR 130	65.0	65.0	.
EGR 206	70.2	69.1	72.4
EGR 240	63.4	63.4	.
EGR 245	68.3	68.3	.
EGR 246	67.9	67.9	.
EGR 251	67.0	70.4	63.0
EGR 252	81.4	78.6	86.7
EGR 255	83.7	84.6	82.4
EGR 265	78.2	80.0	77.5

Source: PeopleSoft Grade Distribution Report

Table 52. Engineering Student Success by Modality: Fall 2016

Course	% Successful College Wide	% Successful In-Person	% Successful Online
EGR 115	66.7	79.4	27.3
EGR 120	83.1	83.1	.
EGR 126	80.3	85.4	41.2
EGR 130	76.9	76.9	.
EGR 206	75.3	80.0	70.0
EGR 240	64.1	64.1	.
EGR 245	50.0	50.0	.
EGR 246	55.7	55.7	.
EGR 251	80.9	80.3	82.6
EGR 252	94.3	94.1	94.4
EGR 255	91.2	100.0	87.5
EGR 265	68.4	69.6	66.7
EGR 295	91.7	91.7	.

Source: PeopleSoft Grade Distribution Report

Table 53. Engineering Student Success by Modality: Spring 2014

Course	% Successful College Wide	% Successful In-Person	% Successful Online	% Successful Hybrid
EGR 115	66.7	73.3	40.0	.
EGR 120	81.2	82.5	66.7	81.6
EGR 126	71.0	75.4	42.9	77.3
EGR 130	100.0	100.0	.	.
EGR 206	75.0	75.0	75.0	.
EGR 240	52.1	53.1	.	50.8
EGR 245	68.2	71.9	.	60.7
EGR 246	54.8	65.1	.	40.0
EGR 251	63.8	54.8	58.8	75.0
EGR 252	77.8	75.9	66.7	89.3
EGR 255	89.7	.	96.6	82.8
EGR 265	75.0	53.3	.	88.0
EGR 295	94.7	94.7	.	.

Source: PeopleSoft Grade Distribution Report

Table 54. Engineering Student Success by Modality: Spring 2015

Course	% Successful College Wide	% Successful In-Person	% Successful Online	% Successful Hybrid
EGR 115	83.3	85.7	60.0	.
EGR 120	86.5	89.4	70.0	69.2
EGR 126	71.3	72.3	60.0	71.4
EGR 206	85.6	86.4	84.4	.
EGR 240	64.1	64.0	.	64.3
EGR 245	64.7	65.3	.	61.5
EGR 246	59.8	59.8	.	.
EGR 251	64.2	60.9	56.4	80.6
EGR 252	81.5	60.0	94.1	.
EGR 255	82.7	.	82.6	82.8
EGR 265	78.8	.	78.8	.
EGR 295	95.7	95.7	.	.

Source: PeopleSoft Grade Distribution Report

Table 55. Engineering Student Success by Modality: Spring 2016

Course	% Successful College Wide	% Successful In-Person	% Successful Online
EGR 115	83.8	89.3	66.7
EGR 120	85.4	87.6	64.5
EGR 126	74.6	77.6	54.5
EGR 206	78.0	79.5	74.1
EGR 240	52.5	52.5	.
EGR 245	68.6	68.6	.
EGR 246	59.8	59.8	.
EGR 251	73.9	76.4	70.3
EGR 252	91.5	89.7	94.4
EGR 255	87.9	89.3	86.7
EGR 265	84.3	72.2	90.9
EGR 295	90.5	90.5	.

Source: PeopleSoft Grade Distribution Report

D. Engineering Student Success by Dual Enrollment Status

Table 56. Engineering Student Success by Dual Enrollment Status: Fall 2013

Course	% Successful College Wide	% Successful Non-Dual Enrolled
EGR 115	61.8	61.8
EGR 120	76.2	76.2
EGR 126	74.9	74.9
EGR 130	70.8	70.8
EGR 206	64.0	64.0
EGR 240	50.8	50.8
EGR 245	50.0	50.0
EGR 246	43.5	43.5
EGR 251	73.0	73.0
EGR 252	73.9	73.9
EGR 255	86.4	86.4
EGR 265	77.4	77.4
EGR 299	100.0	100.0

Source: PeopleSoft Grade Distribution Report

Table 57. Engineering Student Success by Dual Enrollment Status: Fall 2014

Course	% Successful College Wide	% Successful Non-Dual Enrolled
EGR 115	78.4	78.4
EGR 120	85.6	85.6
EGR 126	72.8	72.8
EGR 130	89.5	89.5
EGR 206	64.0	64.0
EGR 240	61.7	61.7
EGR 245	66.7	66.7
EGR 246	52.9	52.9
EGR 251	58.5	58.5
EGR 252	66.7	66.7
EGR 255	77.8	77.8
EGR 265	75.6	75.6

Source: PeopleSoft Grade Distribution Report

Table 58. Engineering Student Success by Dual Enrollment Status: Fall 2015

Course	% Successful College Wide	% Successful Non-Dual Enrolled
EGR 115	83.0	83.0
EGR 120	83.8	83.8
EGR 126	89.5	89.5
EGR 130	65.0	65.0
EGR 206	70.2	70.2
EGR 240	63.4	63.4
EGR 245	68.3	68.3
EGR 246	67.9	67.9
EGR 251	67.0	67.0
EGR 252	81.4	81.4
EGR 255	83.7	83.7
EGR 265	78.2	78.2

Source: PeopleSoft Grade Distribution Report

Table 59. Engineering Student Success by Dual Enrollment Status: Fall 2016

Course	% Successful College Wide	% Successful Non-Dual Enrolled
EGR 115	66.7	66.7
EGR 120	83.1	83.1
EGR 126	80.3	80.3
EGR 130	76.9	76.9
EGR 206	75.3	75.3
EGR 240	64.1	64.1
EGR 245	50.0	50.0
EGR 246	55.7	55.7
EGR 251	80.9	80.9
EGR 252	94.3	94.3
EGR 255	91.2	91.2
EGR 265	68.4	68.4
EGR 295	91.7	91.7

Source: PeopleSoft Grade Distribution Report

Table 60. Engineering Student Success by Dual Enrollment Status: Spring 2014

Course	% Successful College Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
EGR 115	66.7	53.7	100.0
EGR 120	81.2	81.2	.
EGR 126	71.0	71.0	.
EGR 130	100.0	.	100.0
EGR 206	75.0	75.0	.
EGR 240	52.1	52.1	.
EGR 245	68.2	68.2	.
EGR 246	54.8	54.8	.
EGR 251	63.8	63.8	.
EGR 252	77.8	77.8	.
EGR 255	89.7	89.7	.
EGR 265	75.0	75.0	.
EGR 295	94.7	94.7	.

Source: PeopleSoft Grade Distribution Report

Table 61. Engineering Student Success by Dual Enrollment Status: Spring 2015

Course	% Successful College Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
EGR 115	83.3	78.6	100
EGR 120	86.5	86.5	.
EGR 126	71.3	71.3	.
EGR 206	85.6	85.6	.
EGR 240	64.1	64.1	.
EGR 245	64.7	64.7	.
EGR 246	59.8	59.8	.
EGR 251	64.2	64.2	.
EGR 252	81.5	81.5	.
EGR 255	82.7	82.7	.
EGR 265	78.8	78.8	.
EGR 295	95.7	95.7	.

Source: PeopleSoft Grade Distribution Report

Table 62. Engineering Student Success by Dual Enrollment Status: Spring 2016

Course	% Successful College Wide	% Successful Non-Dual Enrolled	% Successful Dual Enrolled
EGR 115	83.8	78.3	92.9
EGR 120	85.4	85.4	.
EGR 126	74.6	74.6	.
EGR 206	78.0	78.0	.
EGR 240	52.5	52.5	.
EGR 245	68.6	68.6	.
EGR 246	59.8	59.8	.
EGR 251	73.9	73.9	.
EGR 252	91.5	91.5	.
EGR 255	87.9	87.9	.
EGR 265	84.3	84.3	.
EGR 295	90.5	90.5	.

Source: PeopleSoft Grade Distribution Report

E. Engineering Student Success by Session

Table 63. Engineering Student Success by Session: Fall 2013

Course	% Successful College Wide	% Successful 8-Week1	% Successful 8-Week2	% Successful 16-Week	% Successful Dynamic
EGR 115	61.8	.	.	58.5	71.4
EGR 120	76.2	72.7	68.8	77.6	71.4
EGR 126	74.9	.	.	78.7	51.9
EGR 130	70.8	.	.	70.8	.
EGR 206	64.0	.	.	59.7	82.4
EGR 240	50.8	.	.	50.8	.
EGR 245	50.0	.	.	50.0	.
EGR 246	43.5	.	.	43.5	.
EGR 251	73.0	.	.	75.6	65.5
EGR 252	73.9	.	.	73.9	.
EGR 255	86.4	.	.	89.5	66.7
EGR 265	77.4	.	.	77.4	.
EGR 299	100.0	.	.	.	100.0

Source: PeopleSoft Grade Distribution Report

Table 64. Engineering Student Success by Session: Fall 2014

Course	% Successful College Wide	% Successful 8-Week1	% Successful 8-Week2	% Successful 16-Week	% Successful Dynamic
EGR 115	78.4	.	.	89.2	50.0
EGR 120	85.6	90.0	83.3	87.3	61.5
EGR 126	72.8	.	.	73.3	66.7
EGR 130	89.5	.	.	89.5	.
EGR 206	64.0	.	.	62.2	65.9
EGR 240	61.7	.	.	61.7	.
EGR 245	66.7	.	.	66.7	.
EGR 246	52.9	.	.	52.9	.
EGR 251	58.5	.	.	58.1	59.1
EGR 252	66.7	.	.	66.7	.
EGR 255	77.8	.	.	85.7	50.0
EGR 265	75.6	.	.	.	75.6

Source: PeopleSoft Grade Distribution Report

Table 65. Engineering Student Success by Session: Fall 2015

Course	% Successful College Wide	% Successful 8-Week2	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
EGR 115	83.0	.	.	87.5	69.2
EGR 120	83.8	66.7	100.0	84.6	79.2
EGR 126	89.5	.	92.3	92.1	33.3
EGR 130	65.0	.	.	65.0	.
EGR 206	70.2	.	.	69.1	72.4
EGR 240	63.4	.	.	63.4	.
EGR 245	68.3	.	.	68.3	.
EGR 246	67.9	.	.	67.9	.
EGR 251	67.0	.	.	70.4	63.0
EGR 252	81.4	.	.	78.6	86.7
EGR 255	83.7	.	92.9	75.0	82.4
EGR 265	78.2	.	.	80.0	77.5

Source: PeopleSoft Grade Distribution Report

Table 66. Engineering Student Success by Session: Fall 2016

Course	% Successful College Wide	% Successful 12-Week	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
EGR 115	66.7	.	.	79.4	27.3
EGR 120	83.1	92.0	.	82.3	.
EGR 126	80.3	.	88.9	84.8	41.2
EGR 130	76.9	.	76.9	.	.
EGR 206	75.3	.	76.2	83.3	70.0
EGR 240	64.1	.	75.9	61.2	.
EGR 245	50.0	.	.	50.0	.
EGR 246	55.7	.	.	55.7	.
EGR 251	80.9	.	.	80.3	82.6
EGR 252	94.3	.	.	94.1	94.4
EGR 255	91.2	.	.	100.0	87.5
EGR 265	68.4	.	.	69.6	66.7
EGR 295	91.7	.	.	91.7	.

Table 67. Engineering Student Success by Session: Spring 2014

Course	% Successful College Wide	% Successful 8-Week1	% Successful 8-Week2	% Successful 16-Week	% Successful Dynamic
EGR 115	66.7	.	.	59.0	75.0
EGR 120	81.2	87.0	69.0	84.6	65.0
EGR 126	71.0	.	.	75.9	42.9
EGR 130	100.0	.	.	.	100.0
EGR 206	75.0	.	.	75.0	75.0
EGR 240	52.1	.	.	55.2	26.7
EGR 245	68.2	.	.	68.2	.
EGR 246	54.8	.	.	50.9	68.8
EGR 251	63.8	.	.	65.1	58.8
EGR 252	77.8	.	.	82.5	66.7
EGR 255	89.7	.	.	82.8	96.6
EGR 265	75.0	.	.	75.0	.
EGR 295	94.7	.	.	94.7	.

Source: PeopleSoft Grade Distribution Report

Table 68. Engineering Student Success by Session: Spring 2015

Course	% Successful College Wide	% Successful 8-Week1	% Successful 16-Week	% Successful Dynamic
EGR 115	83.3	.	81.1	88.2
EGR 120	86.5	87.0	90.3	69.4
EGR 126	71.3	.	71.3	71.4
EGR 206	85.6	.	86.4	84.4
EGR 240	64.1	.	64.1	.
EGR 245	64.7	.	64.7	.
EGR 246	59.8	.	59.8	.
EGR 251	64.2	.	72.2	56.4
EGR 252	81.5	.	60.0	94.1
EGR 255	82.7	.	82.8	82.6
EGR 265	78.8	.	.	78.8
EGR 295	95.7	.	93.8	100.0

Source: PeopleSoft Grade Distribution Report

Table 69. Engineering Student Success by Session: Spring 2016

Course	% Successful College Wide	% Successful 8-Week2	% Successful 14-Week	% Successful 16-Week	% Successful Dynamic
EGR 115	83.8	.	.	85.7	82.6
EGR 120	85.4	88.9	.	87.5	64.5
EGR 126	74.6	92.3	52.0	88.3	76.1
EGR 206	78.0	.	81.3	78.9	74.1
EGR 240	52.5	.	.	52.5	.
EGR 245	68.6	.	73.8	56.0	.
EGR 246	59.8	.	63.3	54.5	.
EGR 251	73.9	.	.	76.4	70.3
EGR 252	91.5	.	.	89.7	94.4
EGR 255	87.9	.	.	89.3	86.7
EGR 265	84.3	.	.	72.2	90.9
EGR 295	90.5	.	.	90.5	.

Source: PeopleSoft Grade Distribution Report

F. Engineering Graduation Rate

Table 70. Engineering A.A.S. Graduation Rate from Any Program: Fall 2008 Cohort through Fall 2012 Cohort

Program	Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Engineering, AS	107	36	33.6	137	33	24.1	170	43	25.3	202	56	27.7	227	68	30.0
Engineering/Electrical Engineering, AS	39	7	17.9	45	11	24.4	44	10	22.7	66	19	28.8	90	25	27.8
All Program-Placed Associate's	5,727	1,280	22.4	6,119	1,516	24.8	5,963	1,312	22.0	6,438	1,517	23.6	6,907	1,589	23.0

Source: PeopleSoft Grade Distribution Report
Note: Students who graduated from any program including Engineering/Electrical Engineering AS within the four- year time frame are counted.

Table 71. Engineering A.A.S. Graduation Rate from Same Program: Fall 2008 Cohort through Fall 2012 Cohort

Program	Fall 2008 Cohort			Fall 2009 Cohort			Fall 2010 Cohort			Fall 2011 Cohort			Fall 2012 Cohort		
	N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years		N	Graduated w/in 4 Years	
		#	%		#	%		#	%		#	%		#	%
Engineering, AS	107	9	8.4	137	10	7.3	170	10	5.9	202	18	8.9	227	18	7.9
Engineering/Electrical Engineering, AS	39	1	2.6	45	4	8.9	44	2	4.5	66	8	12.1	90	10	11.1

Source: PeopleSoft Grade Distribution Report
Note: Students who graduated from Engineering/Electrical Engineering AS program within the four- year time frame are counted.

G. Engineering Cumulative Mean GPA of Graduates

Table 72. Engineering Cumulative Mean GPA of Graduates: 2011-12 through 2015-16

Program	Curr. Code	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Engineering, AS	8310	3.30	3.33	3.25	3.27	3.33
Engineering/Electrical Engineering, AS	8311	3.36	3.29	3.26	3.43	3.33
College		**3.18**	**3.20**	**3.22**	**3.21**	**3.20**

Source: PeopleSoft Grade Distribution Report
Note: "-" GPA not provided for programs with fewer than 10 graduates

Section 3. Engineering FTES, Current Funded Ratio, and FTEF Requirement

A. Engineering FTES, Current Funded Ratio, and FTEF Requirement Fall 2013 through Fall 2016

Table 73. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2013

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	29.3	15.4	1.9	0.9	1.0	0.7
AN	177.1	15.4	11.5	7.0	4.5	1.5
MA	13.9	15.4	0.9	0.0	0.9	0.8

Source: PeopleSoft

Table 74. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2014

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	12.5	15.4	0.8	0.7	0.1	0.3
AN	137.1	15.4	8.9	6.1	2.8	0.5
MA	25.1	15.4	1.6	0.7	0.9	0.5

Source: PeopleSoft

Table 75. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2015

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	21.1	15.4	1.4	0.7	0.7	0.4
AN	133.6	15.4	8.7	5.9	2.8	0.3
LO	9.8	15.4	0.6	0.2	0.4	0.4
MA	22.1	15.4	1.4	0.9	0.5	0.5

Source: PeopleSoft

Table 76. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Fall 2016

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	29.7	15.4	1.9	0.8	1.1	0.7
AN	107.7	15.4	7.0	5.5	1.5	0.1
LO	18.2	15.4	1.2	0.3	0.9	0.5
MA	29.1	15.4	1.9	0.6	1.3	1.3

Source: PeopleSoft

Table 77. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2014

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	17.5	15.4	1.1	0.1	1.0	0.5
AN	174.5	15.4	11.3	6.5	4.8	1.3
MA	29	15.4	1.9	0.7	1.2	0.9

Source: PeopleSoft

Table 78. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2015

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	22.5	15.4	1.5	0.3	1.2	0.5
AN	151.6	15.4	9.8	5.9	3.9	0.6
MA	31.9	15.4	2.1	0.9	1.2	1.0

Source: PeopleSoft

Table 79. Engineering FTES, Current Funded Ratio, and FTEF Requirement by Campus: Spring 2016

Campus	FTES	Current Funded Ratio	FTEF Requirement	FT FTEF	Difference	PT FTEF
AL	17.2	15.4	1.1	0.5	0.6	0.3
AN	141.5	15.4	9.2	5.7	3.5	0.2
LO	15.6	15.4	1.0	0.7	0.3	0.0
MA	31.9	15.4	2.1	1.1	1.0	0.8

Source: PeopleSoft

NOVA Mission and Strategic Goals

Mission

With commitment to the values of access, opportunity, student success, and excellence, the mission of Northern Virginia Community College is to deliver world-class in-person and online post-secondary teaching, learning, and workforce development to ensure our region and the Commonwealth of Virginia have an educated population and globally competitive workforce.

Strategic Goals

I. STUDENT SUCCESS – Northern Virginia Community College will move into the top tier of community colleges with respect to the college readiness, developmental course completion, retention, graduation, transfer, and career placement of its students.

II. ACCESS – Northern Virginia Community College will increase the number and diversity of students being served to mirror the population growth of the region.

III. TEACHING AND LEARNING – Northern Virginia Community College will focus on student success by creating an environment of world-class teaching and learning.

IV. EXCELLENCE – Northern Virginia Community College will develop ten focal points of excellence in its educational programs and services that will be benchmarked to the best in the nation and strategic to building the College's overall reputation for quality.

V. LEADERSHIP – Northern Virginia Community College will serve as a catalyst and a leader in developing educational and economic opportunities for all Northern Virginians and in maintaining the quality of life and economic competitiveness of the region.

VI. PARTNERSHIPS – Northern Virginia Community College will develop strategic partnerships to create gateways of opportunity and an integrated educational system for Northern Virginians who are pursuing the American Dream.

VII. RESOURCES – Northern Virginia Community College will increase its annual funding by $100 million and expand its physical facilities by more than one million square feet in new and renovated space. This includes the establishment of two additional campuses at epicenters of the region’s population growth, as well as additional education and training facilities in or near established population centers.

VIII. EMERGENCY PREPAREDNESS AND CONTINUITY OF OPERATIONS – Northern Virginia Community College will be recognized as a leader among institutions of higher education in Virginia for its development and testing of emergency response and continuity of operation plans.

NOVA

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