

QUEENSBOROUGH COMMUNITY COLLEGE

Program Review Data Packet

Mechanical Engineering Technology (MT-A.A.S.)

Office of Institutional Research and Assessment

10/18/2012

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A. Enrollment and Student Profile

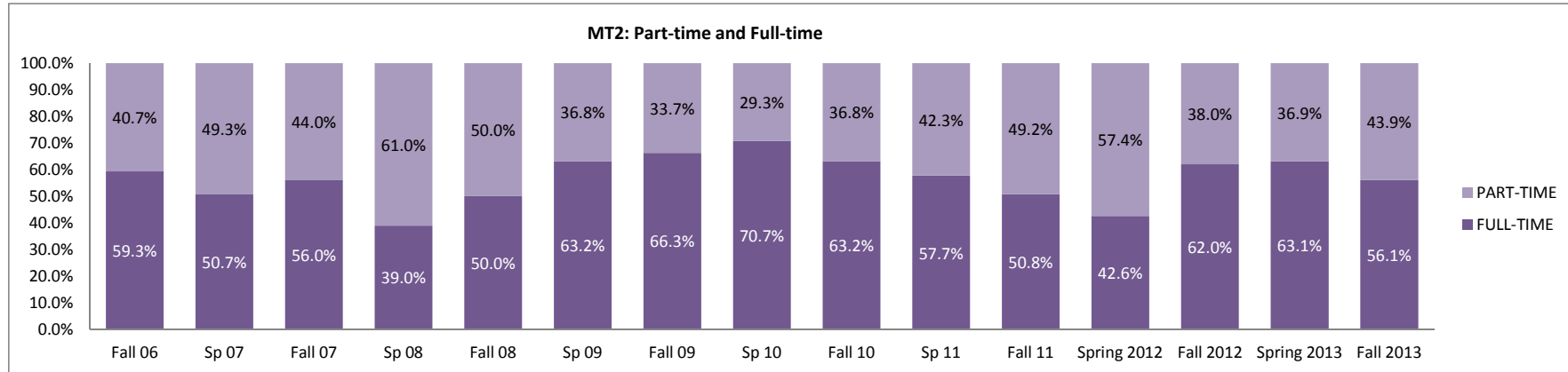
Student Profile & Headcount

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A.1. Headcount by Part-time/Full-time Status and FTE

Part-time/Full-time Status

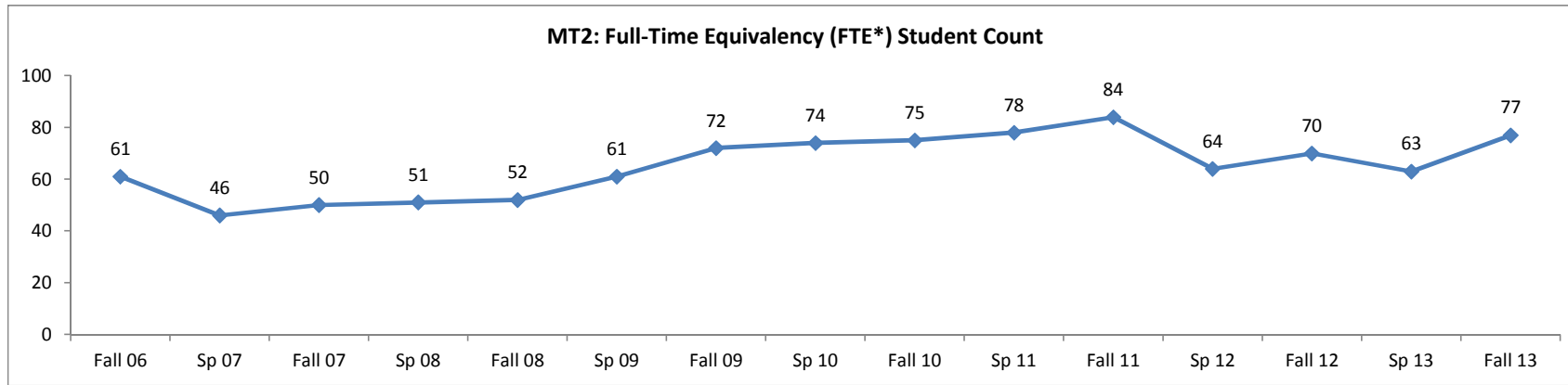
MT2	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
F-TIME	51	59.3%	37	50.7%	42	56.0%	30	39.0%	41	50.0%	55	63.2%	63	66.3%	65	70.7%	60	63.2%	60	57.7%	61	50.8%	40	42.6%	57	62.0%	53	63.1%	60	56.1%
P-TIME	35	40.7%	36	49.3%	33	44.0%	47	61.0%	41	50.0%	32	36.8%	32	33.7%	27	29.3%	35	36.8%	44	42.3%	59	49.2%	54	57.4%	35	38.0%	31	36.9%	47	43.9%
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%



A.1. Headcount by Part-time/Full-time Status and FTE (Cont'd)

FTE* (Full-time Equivalency)

	Fall 06	Sp 07	Fall 07	Sp 08	Fall 08	Sp 09	Fall 09	Sp 10	Fall 10	Sp 11	Fall 11	Sp 12	Fall 12	Sp 13	Fall 13
Total FTE	61	46	50	51	52	61	72	74	75	78	84	64	70	63	77



*Full-time Equivalent:

Full-time equivalent (FTE) is a standardized measure of enrollment equal to a full-time load of credits. It is calculated by summing the total credits and equated credits associated with course enrollment and dividing by 15.

A.2. Gender and Age

Gender

	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
Women	3	3.5%	4	5.5%	4	5.3%	7	9.1%	5	6.1%	3	3.4%	4	4.2%	4	4.3%	2	2.1%	4	3.8%	5	4.2%	5	5.3%	3	3.3%	3	3.6%	3	2.8%
Men	83	96.5%	69	94.5%	71	94.7%	70	90.9%	77	93.9%	84	96.6%	91	95.8%	88	95.7%	93	97.9%	100	96.2%	115	95.8%	89	94.7%	89	96.7%	81	96.4%	104	97.2%
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%

Gender by Full-time/Part-time Status

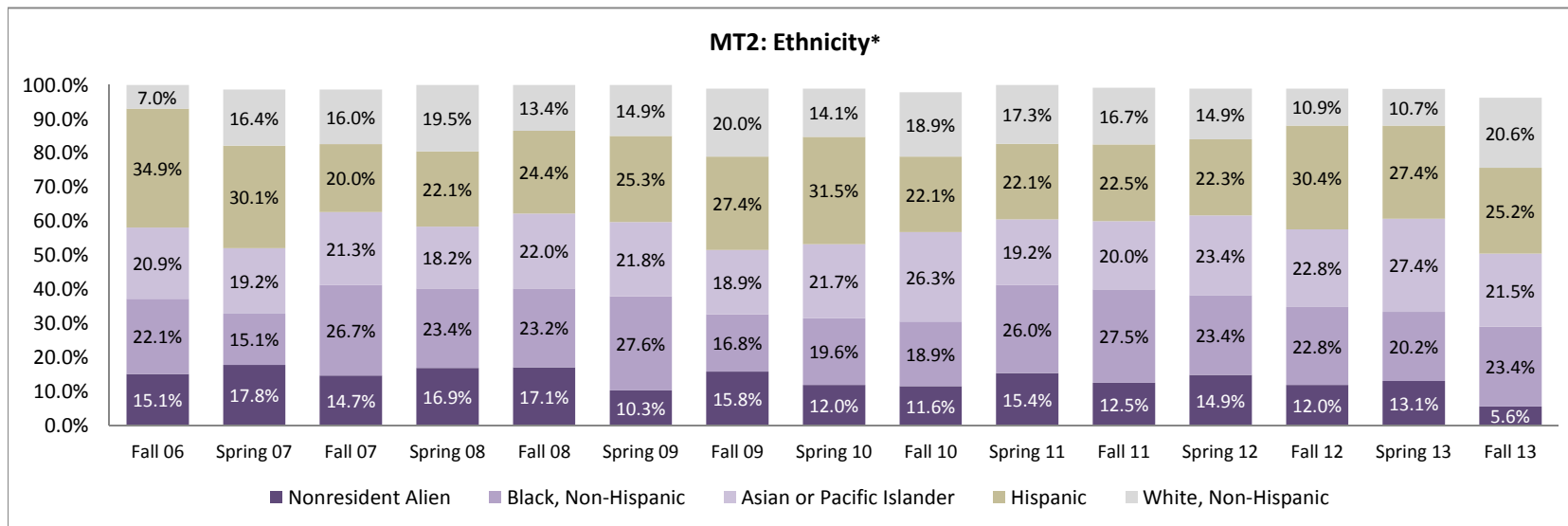
	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
Full-time																														
Women	1	2.0%	2	5.4%	3	7.1%	3	10.0%	4	9.8%	2	3.6%	2	3.2%	4	6.2%	2	3.3%	4	6.7%	3	4.9%	1	2.5%	1	1.8%	3	5.7%	2	3.3%
Men	50	98.0%	35	94.6%	39	92.9%	27	90.0%	37	90.2%	53	96.4%	61	96.8%	61	93.8%	58	96.7%	56	93.3%	58	95.1%	39	97.5%	56	98.2%	50	94.3%	58	96.7%
Total	51	100%	37	100%	42	100%	30	100%	41	100%	55	100%	63	100%	65	100%	60	100%	60	100%	61	100%	40	100%	57	100%	53	100%	60	100%
Part-time																														
Women	2	5.7%	2	5.6%	2	5.9%	1	2.3%	4	9.1%	2	6.1%	2	6.3%	4	12.9%	2	5.4%	4	8.3%	3	5.0%	4	7.4%	2	5.7%	0	0.0%	1	2.1%
Men	33	94.3%	34	94.4%	32	94.1%	43	97.7%	40	90.9%	31	93.9%	30	93.8%	27	87.1%	35	94.6%	44	91.7%	57	95.0%	50	92.6%	33	94.3%	31	100%	46	97.9%
Total	35	100%	36	100%	34	100%	44	100%	44	100%	33	100%	32	100%	31	100%	37	100%	48	100%	60	100%	54	100%	35	100%	31	100%	47	100%

Age

	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
UNDER 19	14	16.3%	7	9.6%	13	17.3%	7	9.1%	15	18.3%	15	17.2%	22	23.2%	11	12.0%	14	14.7%	15	14.4%	32	26.7%	15	16.0%	19	20.7%	13	15.5%	31	29.0%
19	12	14.0%	11	15.1%	12	16.0%	14	18.2%	15	18.3%	15	17.2%	15	15.8%	19	20.7%	24	25.3%	16	15.4%	14	11.7%	17	18.1%	11	12.0%	11	13.1%	11	10.3%
20 - 22	36	41.9%	37	50.7%	31	41.3%	34	44.2%	25	30.5%	32	36.8%	34	35.8%	38	41.3%	38	40.0%	45	43.3%	39	32.5%	32	34.0%	33	35.9%	33	39.3%	27	25.2%
23 - 24	11	12.8%	8	11.0%	10	13.3%	9	11.7%	9	11.0%	8	9.2%	7	7.4%	6	6.5%	4	4.2%	7	6.7%	14	11.7%	9	9.6%	9	9.8%	9	10.7%	18	16.8%
25 - 29	11	12.8%	6	8.2%	6	8.0%	10	13.0%	17	20.7%	13	14.9%	12	12.6%	14	15.2%	9	9.5%	10	9.6%	11	11.7%	12	13.0%	12	14.3%	13	12.1%		
30 - 44	2	2.3%	2	2.7%	2	2.7%	2	2.6%	1	1.2%	3	3.4%	4	4.2%	4	4.3%	6	6.3%	9	8.7%	8	6.7%	9	9.6%	7	7.6%	5	6.0%	6	5.6%
45 & OVER		0.0%	2	2.7%	1	1.3%	1	1.3%			1	1.1%	1	1.1%				0.0%	2	1.9%	2	1.7%	1	1.1%	1	1.1%	1	0.9%		
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%

A.3. Ethnicity Imputed (IPEDS count)

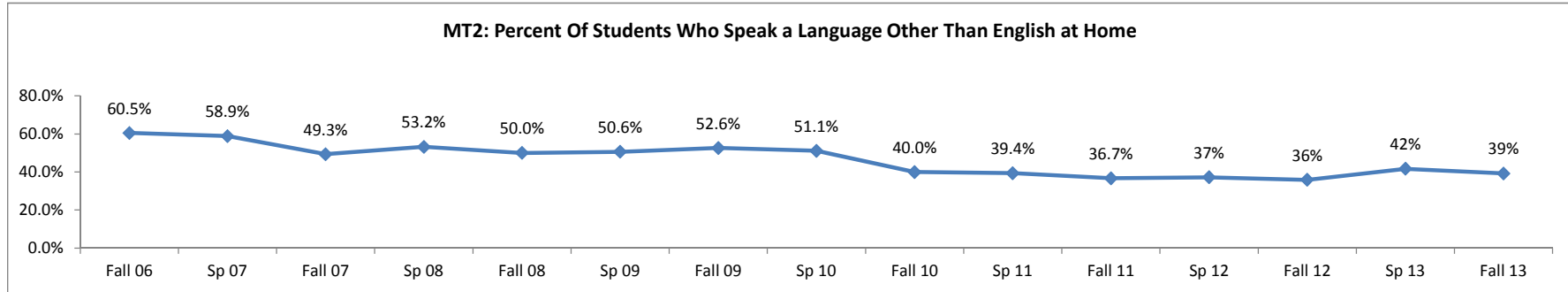
	Nonresident Alien		Black, Non-Hispanic		American Indian or Native Alaskan		Asian or Pacific Islander		Hispanic		White, Non-Hispanic		Total
Fall 06	13	15.1%	19	22.1%			18	20.9%	30	34.9%	6	7.0%	86
Spring 07	13	17.8%	11	15.1%	1	1.4%	14	19.2%	22	30.1%	12	16.4%	73
Fall 07	11	14.7%	20	26.7%	1	1.3%	16	21.3%	15	20.0%	12	16.0%	75
Spring 08	13	16.9%	18	23.4%			14	18.2%	17	22.1%	15	19.5%	77
Fall 08	14	17.1%	19	23.2%			18	22.0%	20	24.4%	11	13.4%	82
Spring 09	9	10.3%	24	27.6%			19	21.8%	22	25.3%	13	14.9%	87
Fall 09	15	15.8%	16	16.8%	1	1.1%	18	18.9%	26	27.4%	19	20.0%	95
Spring 10	11	12.0%	18	19.6%	1	1.1%	20	21.7%	29	31.5%	13	14.1%	92
Fall 10	11	11.6%	18	18.9%	2	2.1%	25	26.3%	21	22.1%	18	18.9%	95
Spring 11	16	15.4%	27	26.0%			20	19.2%	23	22.1%	18	17.3%	104
Fall 11	15	12.5%	33	27.5%	1	0.8%	24	20.0%	27	22.5%	20	16.7%	120
Spring 12	14	14.9%	22	23.4%	1	1.1%	22	23.4%	21	22.3%	14	14.9%	94
Fall 12	11	12.0%	21	22.8%	1	1.1%	21	22.8%	28	30.4%	10	10.9%	92
Spring 13	11	13.1%	17	20.2%	1	1.2%	23	27.4%	23	27.4%	9	10.7%	84
Fall 13	6	5.6%	25	23.4%	4	3.7%	23	21.5%	27	25.2%	22	20.6%	107



* American Indian and Alaskan Native excluded.

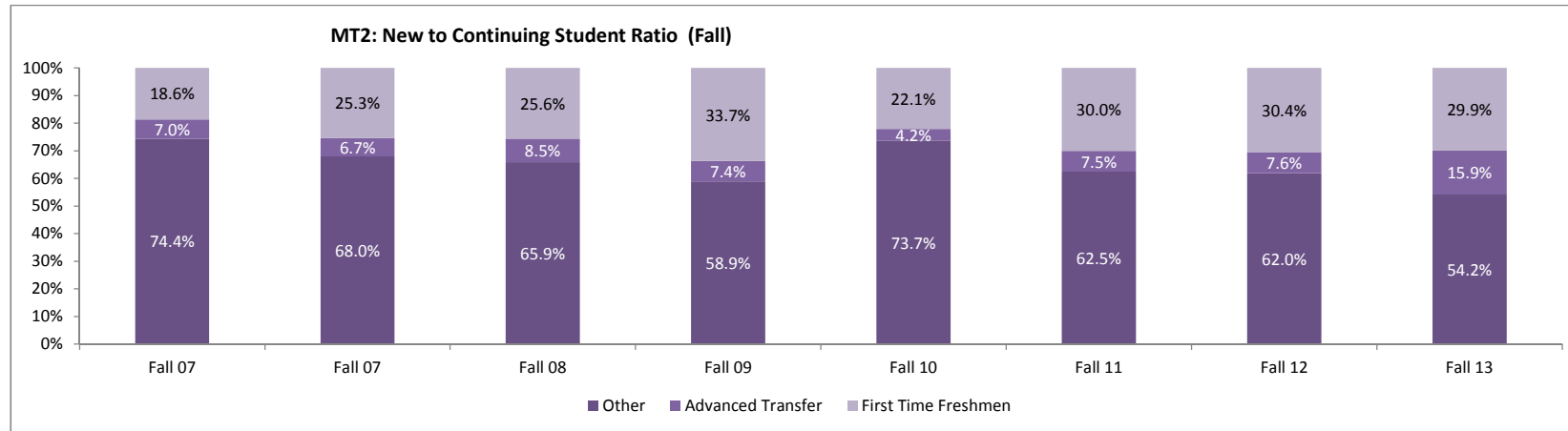
A.4. Language Spoken at Home

	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
LANG. OTHER THAN ENGLISH	52	60.5%	43	58.9%	37	49.3%	41	53.2%	41	50.0%	44	50.6%	50	52.6%	47	51.1%	38	40.0%	41	39.4%	44	36.7%	35	37.2%	33	35.9%	35	41.7%	42	39.3%
ENGLISH ONLY	20	23.3%	17	23.3%	22	29.3%	22	28.6%	28	34.1%	30	34.5%	29	30.5%	27	29.3%	33	34.7%	23	22.1%	32	26.7%	24	25.5%	20	21.7%	11	13.1%	24	22.4%
UNKNOWN	14	16.3%	13	17.8%	16	21.3%	14	18.2%	13	15.9%	13	14.9%	16	16.8%	18	19.6%	24	25.3%	40	38.5%	44	36.7%	35	37.2%	39	42.4%	38	45.2%	41	38.3%
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%



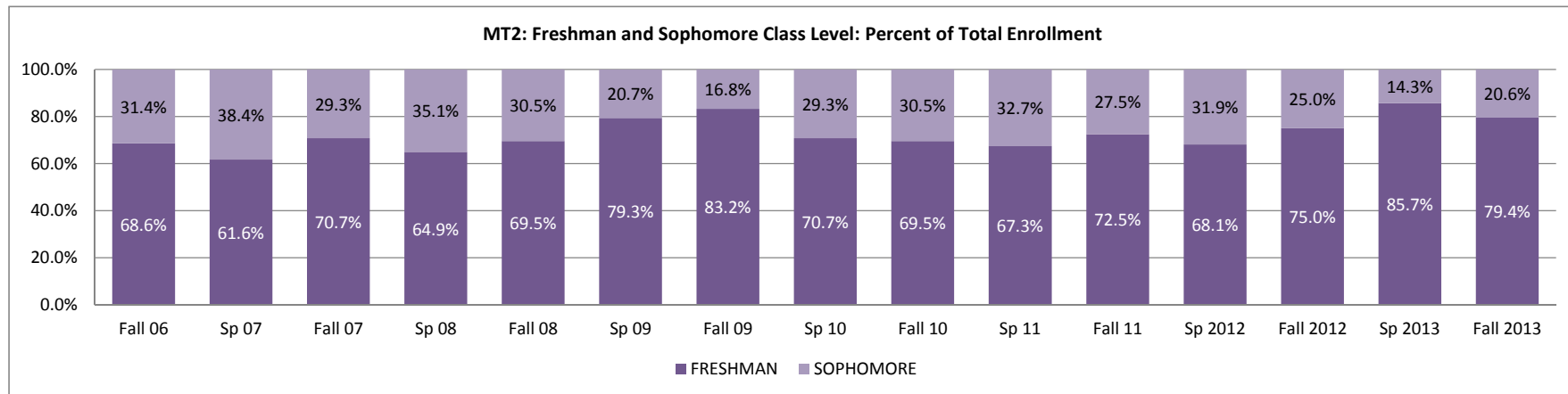
A.5. Student Admit Type

	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
First Time Freshmen	16	18.6%	9	12.3%	19	25.3%	11	14.3%	21	25.6%	13	14.9%	32	33.7%	11	12.0%	21	22.1%	12	11.5%	36	30.0%	12	12.8%	28	30.4%	14	16.7%	32	29.9%
Advanced Transfer	6	7.0%	7	9.6%	5	6.7%	6	7.8%	7	8.5%	7	8.0%	7	7.4%	9	9.8%	4	4.2%	5	4.8%	9	7.5%	5	5.3%	7	7.6%	4	4.8%	17	15.9%
Internal Transfer		0.0%		0.0%	1	1.3%	2	2.6%		0.0%		0.0%	1	1.1%		0.0%	1	1.1%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
Degree Readmit	9	10.5%	10	13.7%	7	9.3%	5	6.5%	11	13.4%	6	6.9%	7	7.4%	6	6.5%	4	4.2%	5	4.8%	8	6.7%	3	3.2%	6	6.5%	7	8.3%	4	3.7%
Non-degree Readmit		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%
Continuing Degree	55	64.0%	47	64.4%	43	57.3%	53	68.8%	43	52.4%	61	70.1%	48	50.5%	66	71.7%	65	68.4%	82	78.8%	67	55.8%	74	78.7%	51	55.4%	59	70.2%	54	50.5%
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%



A.6. Freshman and Sophomore Class Level as a Percent of Total Enrollment

	Fall 2006		Spring 2007		Fall 2007		Spring 2008		Fall 2008		Spring 2009		Fall 2009		Spring 2010		Fall 2010		Spring 2011		Fall 2011		Spring 2012		Fall 2012		Spring 2013		Fall 2013	
FRESHMAN	59	68.6%	45	61.6%	53	70.7%	50	64.9%	57	69.5%	69	79.3%	79	83.2%	65	70.7%	66	69.5%	70	67.3%	87	72.5%	64	68.1%	69	75.0%	72	85.7%	85	79.4%
SOPHOMORE	27	31.4%	28	38.4%	22	29.3%	27	35.1%	25	30.5%	18	20.7%	16	16.8%	27	29.3%	29	30.5%	34	32.7%	33	27.5%	30	31.9%	23	25.0%	12	14.3%	22	20.6%
Total	86	100%	73	100%	75	100%	77	100%	82	100%	87	100%	95	100%	92	100%	95	100%	104	100%	120	100%	94	100%	92	100%	84	100%	107	100%



A.7. College Discovery

	Fall '06	Spr '07	Fall '07	Spr '08	Fall '08	Spr '09	Fall '09	Spr '10	Fall '10	Spr '11	Fall '11	Spr '12	Fall '12	Spr '13	Fall '13
Regular	82	69	72	73	81	85	90	87	93	103	119	94	89	83	106
CD	4	4	3	4	1	2	5	5	2	1	1	0	3	1	1
Total	86	73	75	77	82	87	95	92	95	104	120	94	92	84	107

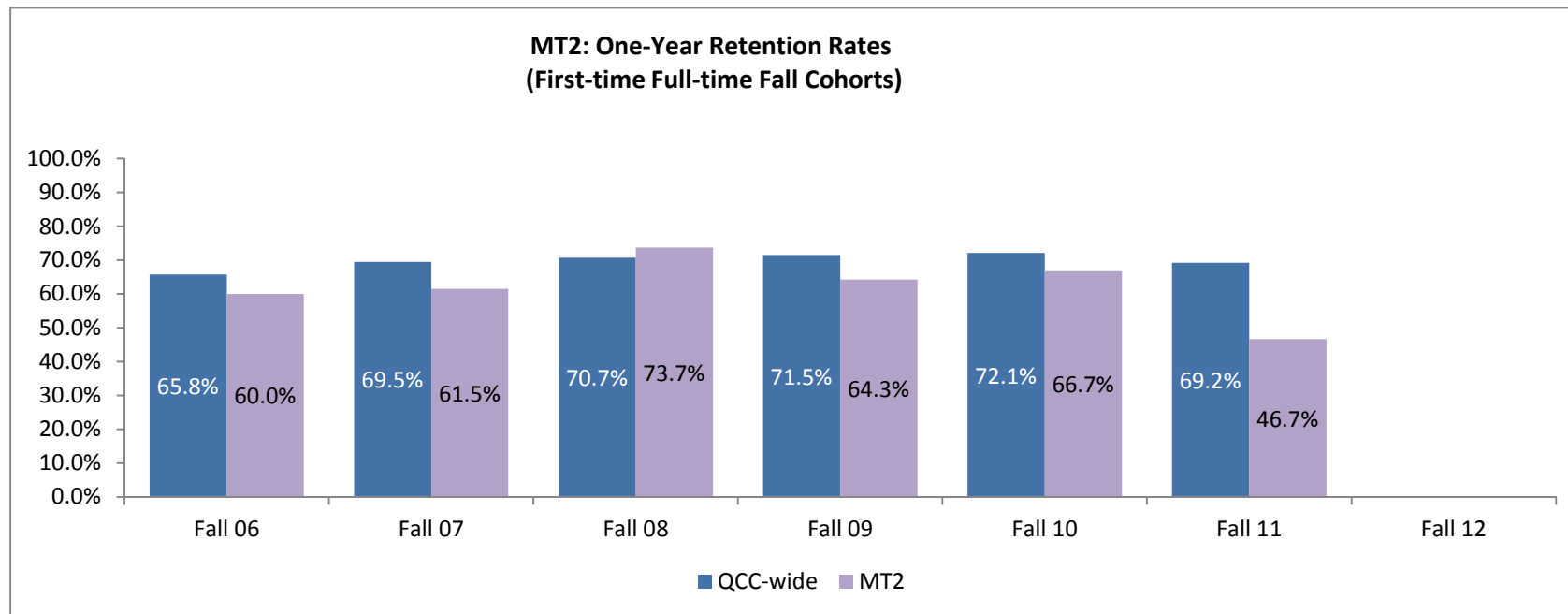
B. Institutional Effectiveness

Graduation and Retention Rates

- 8 One-Year Retention Rates (First-time Full-time Fall Cohort)
- 9 Three-Year Retention & Graduation Rates (First-time Full-time Fall Cohort)
- 10 Six-Year Retention & Graduation Rates (First-time Full-time Fall Cohort)
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B.8. One-Year Retention Rates (First-time Full-time Fall Freshmen Cohort)

	MT2			QCC-Wide
	Total	Still Enrolled for Degree Pursued at QCC		Still Enrolled for Degree Pursued at QCC
Fall Cohort	#	#	%	%
2006	15	9	60.0%	65.8
2007	13	8	61.5%	69.5
2008	19	14	73.7%	70.7
2009	28	18	64.3%	71.5
2010	15	10	66.7%	72.1
2011	30	14	46.7%	69.2

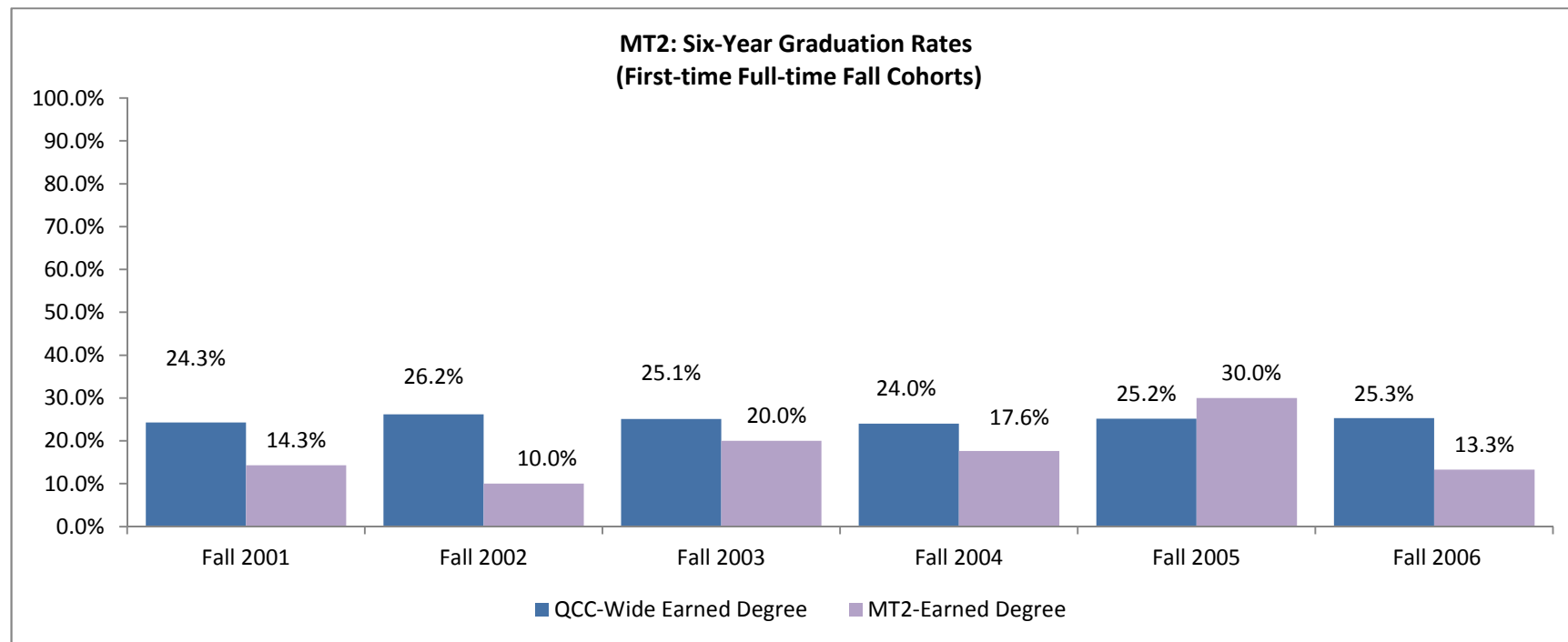


B.9. Three-Year Retention and Graduation Rates (First-time Full-time Fall Freshmen Cohort)

Fall Cohort	MT2					QCC-wide	
	Total	Earned Degree Pursued at QCC		Still Enrolled for Degree Pursued at QCC		Earned Degree Pursued at QCC	Still Enrolled for Degree Pursued at QCC
	#	#	%	#	%	%	%
2001	14	1	7.1%	4	28.6%	13.8%	20.6%
2002	20	2	10.0%	1	5.0%	14.4%	20.0%
2003	15			4	26.7%	15.0%	20.7%
2004	17	3	17.6%	3	17.6%	12.8%	21.3%
2005	10	1	10.0%	4	40.0%	13.0%	22.6%
2006	15			3	20.0%	12.8%	21.3%
2007	13	1	7.7%	5	38.5%	15.8%	21.4%
2008	19			3	15.8%	13.8%	23.2%
2009	28	4	14.3%	5	17.9%	16.2%	21.5%

B.10. Six-Year Retention & Graduation Rates (First-time Full-time Fall Freshmen Cohort)

Fall Cohort	MT2					QCC-wide
	Total	Earned Degree Pursued at QCC		Still Enrolled for Degree Pursued at QCC		Earned Degree Pursued at QCC
	#	#	%	#	%	%
2001	14	2	14.3%			24.3%
2002	20	2	10.0%			26.2%
2003	15	3	20.0%			25.1%
2004	17	3	17.6%	1	5.9%	24.0%
2005	10	3	30.0%			25.2%
2006	15	2	13.3%	1	6.7%	25.3%



B.11. Degrees Awarded

	Degree	Graduation Year ¹							
		2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013
MT2	A.A.S.	4	4	7	8	4	8	11	10

¹ Graduation year include summer, fall, and spring graduations.
 (E.g. 05/06 includes summer 2005, fall 2005, and spring 2006 graduations).

Degrees Awarded Trend Analysis

	Degree	05/06	12/13	Growth %	11/12	12/13	Growth %
MT2	A.A.S.	4	10	150.0%	11	10	-9.1%

B.12. Transfer Rates¹ and College Destinations

	MT2 Graduates			
	Total Graduates	% CUNY Transfer	% Non-CUNY Transfers	Total Transfer Rate
2005-2006	4	25.0%	75.0%	100.0%
2006-2007	4	0.0%	50.0%	50.0%
2007-2008	7	14.3%	57.1%	71.4%
2008-2009	8	12.5%	62.5%	75.0%
2009-2010	4	0.0%	0.0%	0.0%
2010-2011	8	37.5%	25.0%	62.5%
2011-2012	11	18.2%	27.3%	45.5%

2012-2013 CUNY College Destinations of 2011-2012 MT2 Graduates ¹	
CUNY College	Number of Graduates
NYC Tech	1
Queens College	1

Top Non-CUNY College Destinations of MT2 Graduates ¹ (overall)
HOFSTRA UNIVERSITY
MESSIAH COLLEGE
SUNY BINGHAMTON
SUNY FARMINGDALE
VAUGHN COLLEGE OF AERONAUTICS AND TECHNOLOGY

¹ Graduates were counted as transferred if they were registered in any of the CUNY senior colleges (including the Graduate Center, the Law School, the School of Professional Studies, and the School of Journalism) in any or all semesters of the academic year following the graduation year.