

Course Enrollment & Completion

Online course enrollment at Northern Essex Community College decreased by approximately 8% from Fall 2010 to Fall 2011. The number of online sections also decreased by approximately 5% during this time period (see Table 1).

Table 1

WEBON	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	% Change '10 - '11
# Online Seats	1,588	1,562	1,882	2,181	2,016	1,862	-7.6%
# Online Courses	52	59	58	64	65	65	0.0%
# Online Sections	85	82	99	110	106	101	-4.7%
Average Online Section Size	19	19	19	20	19	18	-5.3%
Average Traditional Section Size	19	20	21	21	20	19	-5.0%

Table 2

WEB HYBRID	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	% Change '10 - '11
# Online Seats	19	68	412	569	952	1,119	17.5%
# Online Courses	1	4	16	23	35	33	-5.7%
# Online Sections	1	4	22	32	53	63	18.9%
Average Online Section Size	19	17	19	18	18	18	0.0%
Average Traditional Section Size	19	20	21	21	20	19	-5.0%

For Fall 2011 there were 1,862 grades assigned to WEBON classified courses. There were 1,260 distinct students who were assigned grades. Of these 1,260, 72 (6%) were "New" to NECC and the 72 students took 186 courses.

For Fall 2011 there were 1,119 grades assigned to WEB HYBRID classified courses. There were 914 distinct students who were assigned grades. Of these 914, 220 (24%) were "New" to NECC and the 220 students took 867 courses.

Table 3 clearly shows the growth in Web Hybrid courses and the decline in 100% online (Webon) courses.

Table 3

All Courses by Method Type	Fall 2008		Fall 2009		Fall 2010		Fall 2011		% Change '10 - '11
	#	%	#	%	#	%	#	%	
Traditional	13,703	70.7%	12,007	57.3%	9,895	45.8%	9,341	46.7%	-5.6%
Web Companion	2,881	14.9%	5,520	26.3%	4,850	22.5%	4,482	22.4%	-7.6%
Web Enhanced	503	2.6%	678	3.2%	3,878	18.0%	3,187	15.9%	-17.8%
Traditional Sub-Total	17,087	88.2%	18,205	86.9%	18,623	86.3%	17,010	85.1%	-31.0%
Webon	1,882	9.7%	2,181	10.4%	2,016	9.3%	1,862	9.3%	-7.6%
Web Hybrid	412	2.1%	569	2.7%	952	4.4%	1,119	5.6%	17.5%
Total Grades	19,381	100%	20,955	100%	21,591	100%	19,991	100%	

Webon completion rates reached new highs in Fall 2011. The A-C rates have increased from 59.1% to 65.0% for WEBON. Webhybrid are mainly flat. Traditional A-C completion rates have increased from 68.5% to 71.2%.

Table 4

WEBON	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
# Online Grades	1,595	1,562	1,882	2,181	2,016	1,862
# Online Completers (A - C)	942	907	1,083	1,338	1,304	1,211
Online Completion Rate (A - C)	59.1%	58.1%	57.5%	61.3%	64.7%	65.0%
# Online Completers (A - D)	1,038	1,016	1,202	1,487	1,449	1,346
Online Completion Rate (A - D)	65.1%	65.0%	63.9%	68.2%	71.9%	72.3%

WEB HYBRID	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
# Online Grades	19	68	412	569	952	1,119
# Online Completers (A - C)	13	41	232	356	602	762
Online Completion Rate (A - C)	68.4%	60.3%	56.3%	62.6%	63.2%	68.1%
# Online Completers (A - D)	13	43	259	393	665	842
Online Completion Rate (A - D)	68.4%	63.2%	62.9%	69.1%	69.9%	75.2%

Traditional	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
# Traditional Grades	15,941	16,473	17,087	18,205	18,601	17,010
# Traditional Completers (A - C)	10,927	11,055	11,360	12,862	12,759	12,108
Traditional Completion Rate (A - C)	68.5%	67.1%	66.5%	70.7%	68.6%	71.2%
# Traditional Completers (A - D)	12,084	12,210	12,647	14,196	14,116	13,435
Traditional Completion Rate (A - D)	75.8%	74.1%	74.0%	78.0%	75.9%	79.0%

Total (all Grades)	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011
# Total Grades	17,555	18,103	19,381	20,955	21,569	19,991
# Total Completers (A - C)	11,869	11,962	12,443	14,200	14,677	13,319
Total Completion Rate (A - C)	67.6%	66.1%	64.2%	67.8%	68.0%	66.6%
# Total Completers (A - D)	13,122	13,226	13,849	15,683	16,243	14,781
Total Completion Rate (A - D)	74.7%	73.1%	71.5%	74.8%	75.3%	73.9%

% of Online Grades to All Grades	9.1%	8.6%	9.7%	10.4%	9.3%	9.3%
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*Note that Fall 2010 had the first occurrence of D5 course withdrawals assigned a grade of “W”. There were 233 of these grades and because a “W” is not a positive outcome, this change in policy decreased the course completion rate by approximately 1.1%.

Course Completion by Discipline

Please note: In the remainder of this report “Online” represent only 100% online (Webon) courses.

Online courses were offered in 28 disciplines in Fall 2011. Out of these 28 disciplines, 6 showed a higher A – C completion rate than their traditional counterparts: Accounting, Computer & Information Sciences, Government, Math, Marketing, and Polysomnography. All of these disciplines also showed a higher A – D completion rate (see Table 4) and additionally, there were higher A – D completion rates in the online courses offered in Earth Sciences and Health Services.

Table 5

Discipline	Fall 2011 Online A - C Completion Rate	Fall 2011 Traditional A - C Completion Rate	Fall 2011 Online A - D Completion Rate	Fall 2011 Traditional A - D Completion Rate
ACC	83.3%	67.0%	88.9%	75.4%
ANT	68.3%	73.3%	75.6%	86.0%
ART	54.5%	72.4%	63.6%	76.4%
ASL		91.8%		94.8%
BIO	63.8%	66.9%	77.2%	77.8%
BUS	48.8%	72.4%	60.5%	80.7%
CHM		72.8%		79.5%
CHN		60.0%		60.0%
CIS	61.4%	55.5%	70.5%	62.9%
COM	74.4%	80.0%	84.6%	85.8%
COP		94.1%		94.1%
CRJ	69.2%	77.0%	80.8%	87.5%
CSS		62.9%		73.0%
CTA	74.3%		82.9%	
CTE		83.3%		91.3%
CTN	61.9%	65.3%	76.2%	73.5%
CVT		94.3%		94.3%

DAN		67.5%		71.3%
DAS		100.0%		100.0%
DHH		100.0%		100.0%
DST		92.2%		93.8%
ECE	82.4%	85.8%	82.4%	87.7%
ECO	54.3%	78.6%	67.4%	87.7%
EDU	63.6%	75.2%	63.6%	77.0%
EMT		74.2%		75.8%
ENG	56.0%	63.1%	63.3%	71.4%
ERS	61.9%	62.6%	76.2%	73.6%
ESL		82.9%		88.2%
EST		80.9%		83.4%
FIN		76.5%		82.4%
FRN		85.7%		90.5%
GEO	56.3%	72.5%	68.8%	81.3%
GER		50.0%		68.8%
GOV	76.2%	62.4%	81.0%	74.3%
GRA		83.3%		88.4%
HES	86.0%	88.2%	91.4%	91.0%
HIS	66.9%	70.2%	75.2%	79.6%
HON		87.5%		100.0%
HST		96.4%		100.0%
HUS		78.1%		83.1%
ITN		75.0%		81.3%
JRN		70.3%		78.4%
LIT	54.5%	70.7%	59.3%	78.9%
MAS		91.8%		91.8%
MAT	72.2%	62.4%	76.7%	71.5%
MGT	56.8%		81.8%	
MKT	84.0%	79.3%	88.0%	86.2%
MRT		82.4%		82.4%
MUS		65.3%		72.9%
NUR		91.6%		94.5%
PAR		87.3%		88.8%
PED		81.2%		85.2%
PHI	57.4%	65.6%	60.4%	74.5%
PHS		67.6%		79.4%
PNS		89.8%		93.2%
PSG	73.7%	69.4%	73.7%	69.4%
PSY	59.0%	70.4%	65.0%	81.2%
REA		65.3%		79.9%
REL		71.9%		71.9%
RSC		99.3%		99.3%
RTA		80.3%		80.3%
SCI		55.6%		80.8%
SOC	65.9%	71.2%	74.0%	79.2%

SPN		72.4%		80.3%
THE		79.3%		86.2%
TLT	75.0%		83.3%	
WRT		70.8%		74.6%

Course Completion by Demographic Groups

Females completed both traditional and online courses at a higher A – C and A – D rates than males in Fall 2011 as shown in Figure 1 and Figure 2. This difference was more pronounced with the traditional course rates as females had completion rates of 6% or greater than their male counterparts.

Figure 1

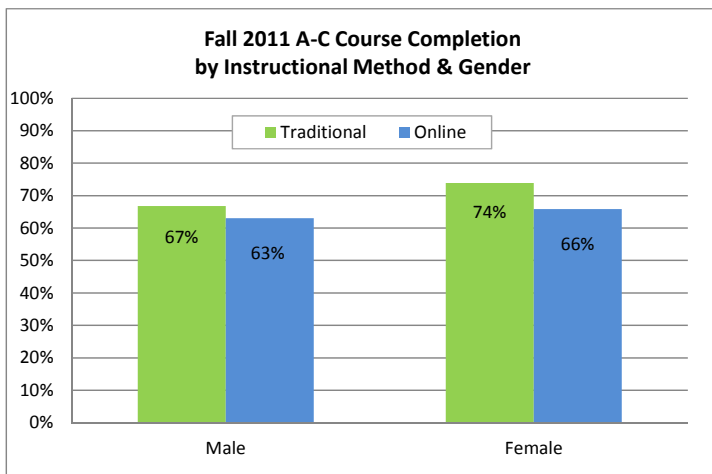
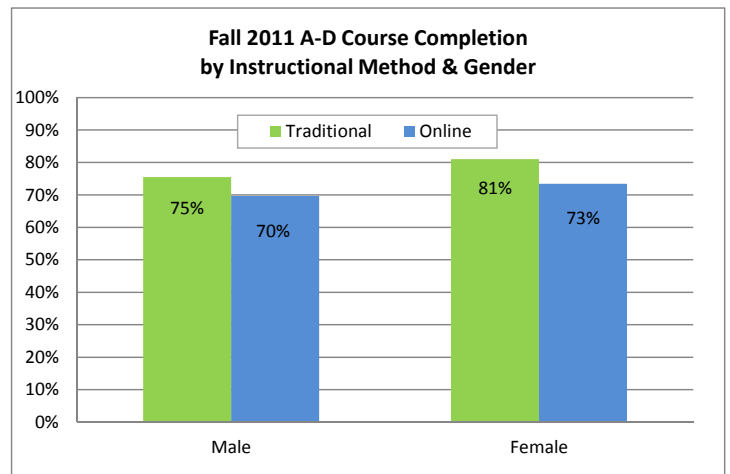


Figure 2



As seen in Figures 3 and 4 below, students over age 25 completed both online and traditional courses at a higher A – C and A – D rate than students age 25 and under. The A – C and A – D completion rates for online courses for students over 25 were higher than the traditional completion rates for students age 25 and under.

Figure 3

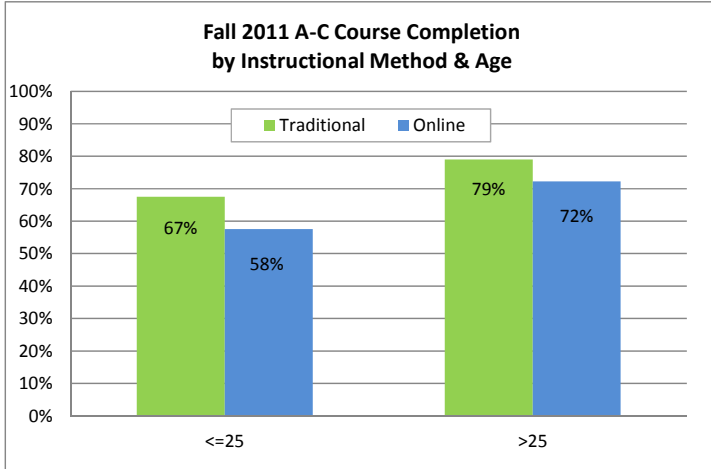
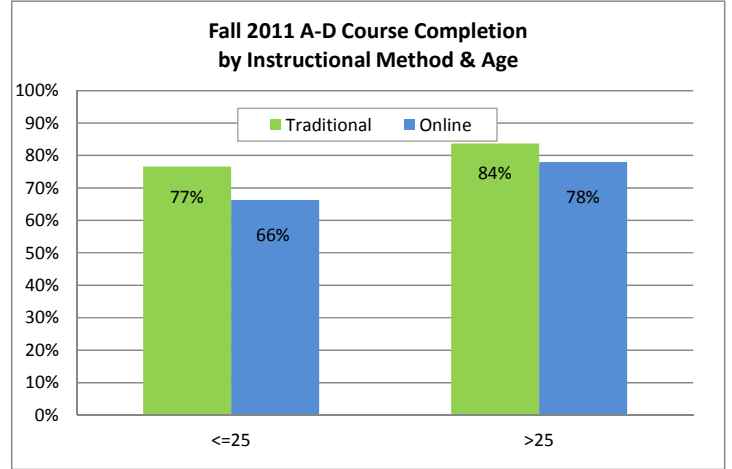


Figure 4



Part-time¹ students completed both traditional and online courses at a higher completion rate than full-time² students in both grade measures. (see Figure 6).

Figure 5

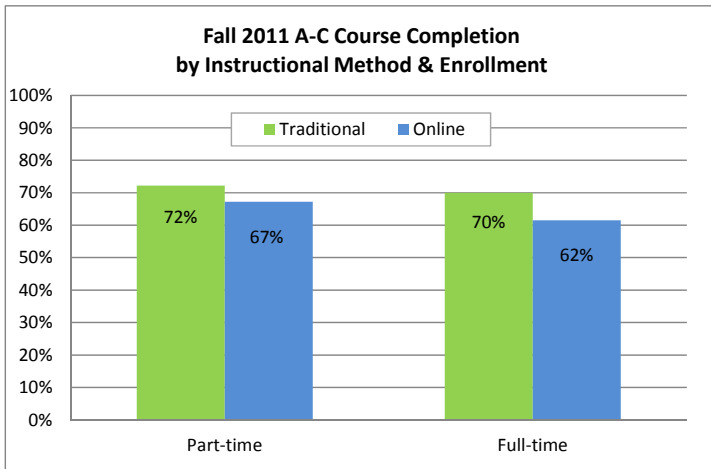
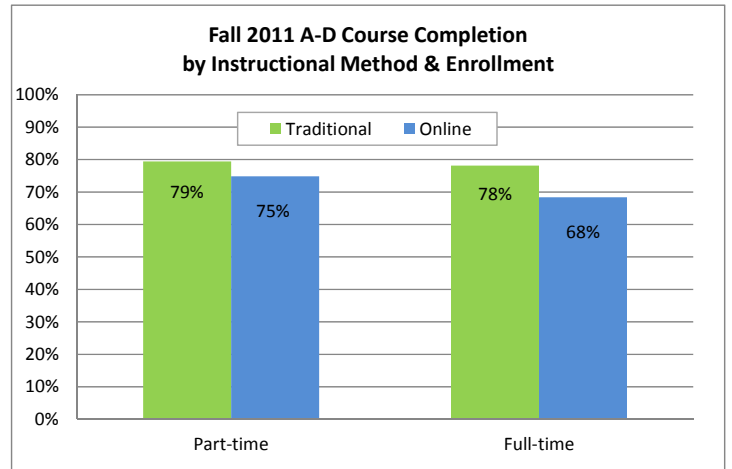


Figure 6



¹ Students are considered to be part-time if they are enrolled in 11 credits or less.

² Students are considered to be full-time if they are enrolled in 12 credits or more.

As Figures 7 and 8 display below, traditional students that earned one credit or more prior to Fall 2010 have higher A – C and A – D completion rates.

Figure 7

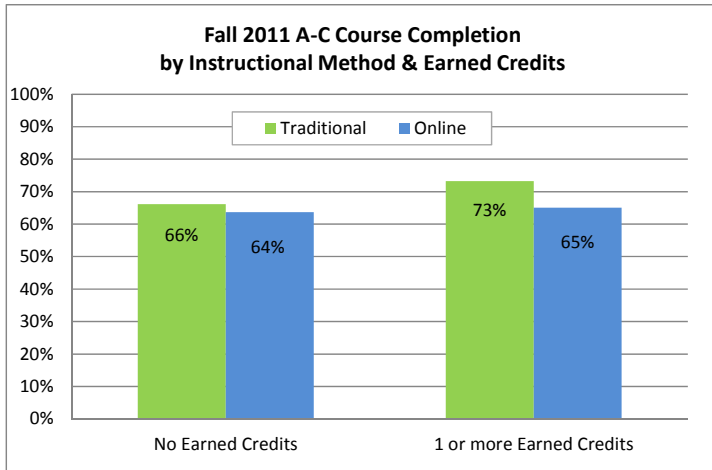
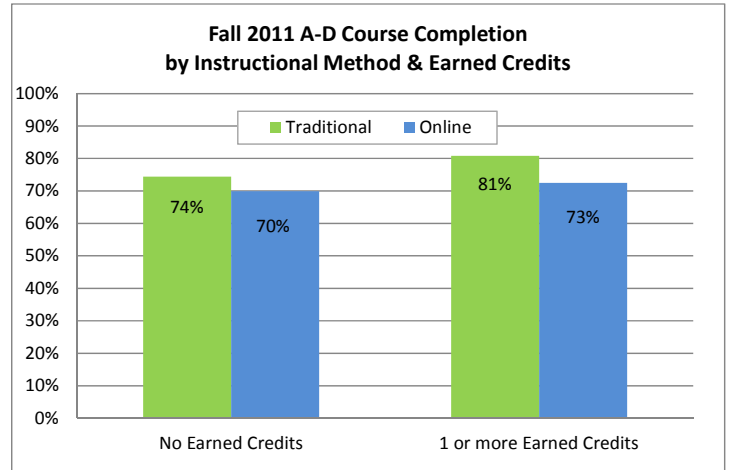


Figure 8



Students who registered for classes before August 15th 2011 had slightly higher A – C and A – D completion rates for online and traditional courses.

Figure 9

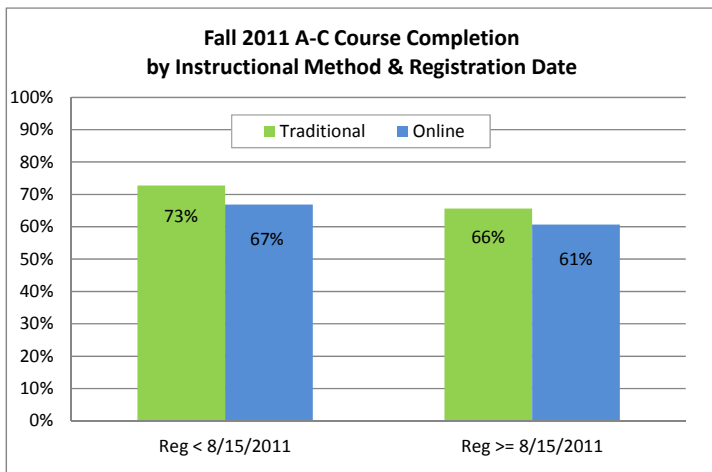
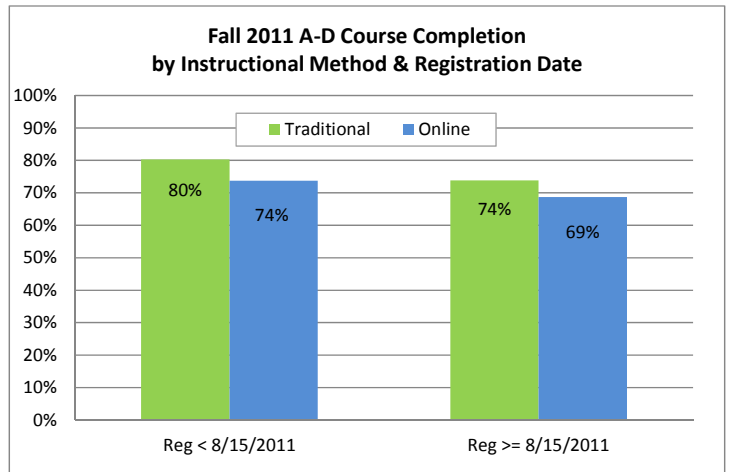


Figure 10



Summary

Fall 2011 experienced a decrease of online seats (-8%) from Fall 2010 and was the lowest observed in the past 4 years. Online sections also decreased this term. Fall 2011 had the highest A – C and A – D completion rates for online and traditional students in the five fall semesters since Fall 2006.

In Fall 2011 as seen in previous year's Online Courses at Northern Essex Community College reports, males, students age 25 and under, and students that registered after August 15th had lower rates of completion than their counterparts. Earned credit hours did not appear to impact course completion rates for online students in Fall 2010 as seen previously.