NORTH EAST
SCOTLAND
COLLEGE

KPI DATA

KEY PERFORMANCE
INDICATORS

2016 - 17

Contents

Executive Summary

The Scottish Funding Council [SFC] has published Key Performance Indicators [KPIs] on Scotland's colleges teaching activity for the past fifteen years. These reports are available from the SFC website at www.sfc.ac.uk. Each college will publishes their results on their own websites. The purpose of the KPIs is to inform North East Scotland College's [NESCol's] Regional Board, the communities it serves, and stakeholders about the performance of the College.

NESCol's vision is to be a college that transforms lives with the most important priority being student success. The aim is to deliver inspirational teaching always. It monitors its programmes to ensure they are relevant to both students and employers, offering qualifications from awarding bodies including the Scottish Qualifications Authority [SQA] and City & Guilds, to ensure that the qualifications gained are respected and recognised nationally and internationally. Where student performance is below its expectation the College reviews its programmes, teaching methods, recruitment and the support that is given to students to see where improvements can be made.

The College continually monitors the percentage of students achieving their awards on each programme and where a student fails to achieve the award, it examines the reasons for not being successful or why a student has left their programme early.
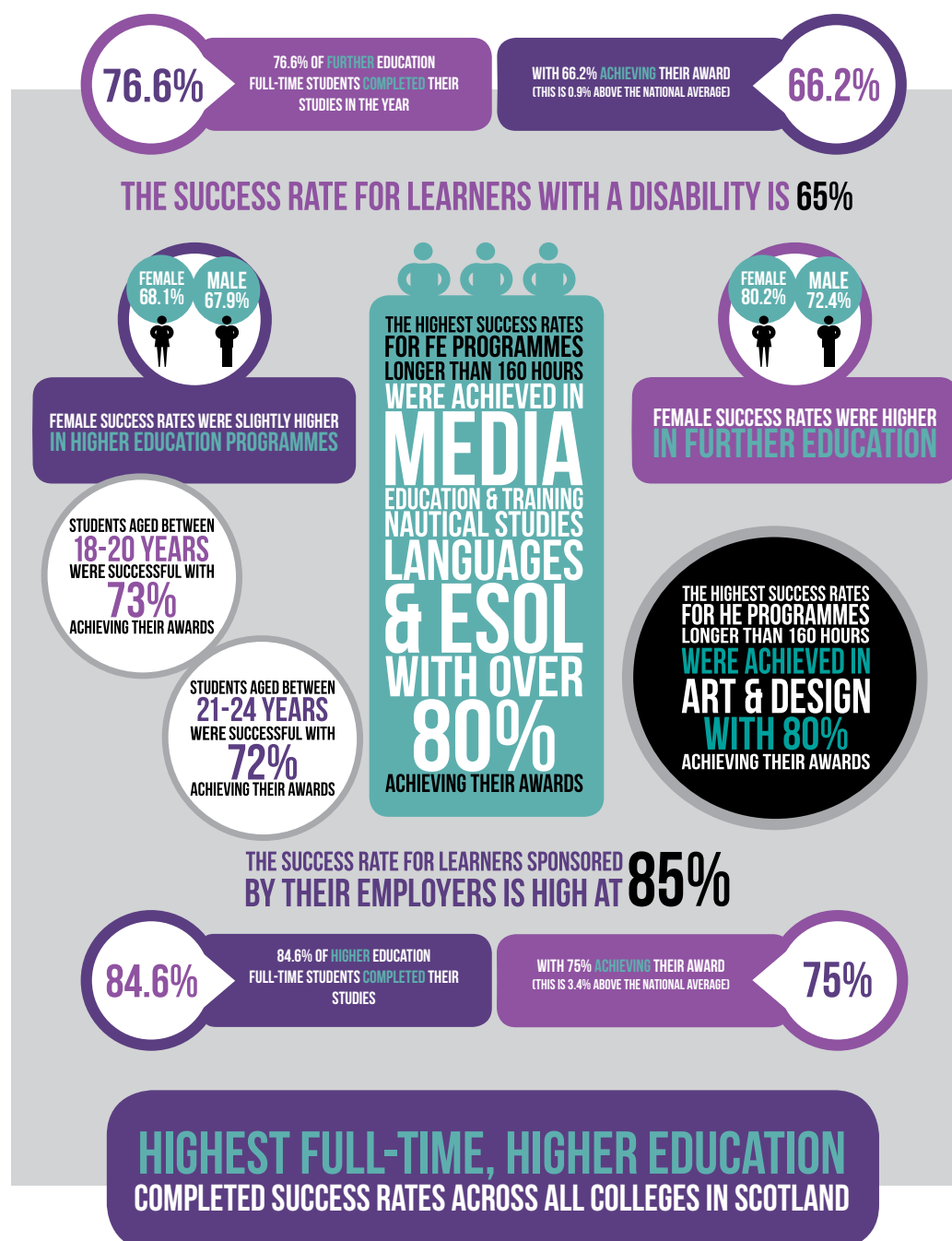
1. **Early Withdrawal**
2. **Further Withdrawal**
3. **Completed: Partial Success**
4. **Completed: Successful**

An explanation of each of these is provided on pages 16 and 17 of this report.

This report provides the College overview of these four key performance indicators for academic year 2016-17. It examines them by levels of programme, subject area, and the student characteristics such as age, disability, and gender.

The main results for North East Scotland College in 2016-17 are:

76.6% — 76.6% OF FURTHER EDUCATION FULL-TIME STUDENTS COMPLETED THEIR STUDIES IN THE YEAR

WITH 66.2% ACHIEVING THEIR AWARD (THIS IS 0.9% ABOVE THE NATIONAL AVERAGE) — **66.2%**

THE SUCCESS RATE FOR LEARNERS WITH A DISABILITY IS **65%**

FEMALE 68.1% MALE 67.9%

FEMALE SUCCESS RATES WERE SLIGHTLY HIGHER IN HIGHER EDUCATION PROGRAMMES

THE HIGHEST SUCCESS RATES FOR FE PROGRAMMES LONGER THAN 160 HOURS WERE ACHIEVED IN **MEDIA** EDUCATION & TRAINING NAUTICAL STUDIES **LANGUAGES & ESOL** WITH OVER **80%** ACHIEVING THEIR AWARDS

FEMALE 80.2% MALE 72.4%

FEMALE SUCCESS RATES WERE HIGHER IN FURTHER EDUCATION

STUDENTS AGED BETWEEN **18-20 YEARS** WERE SUCCESSFUL WITH **73%** ACHIEVING THEIR AWARDS

STUDENTS AGED BETWEEN **21-24 YEARS** WERE SUCCESSFUL WITH **72%** ACHIEVING THEIR AWARDS

THE HIGHEST SUCCESS RATES FOR HE PROGRAMMES LONGER THAN 160 HOURS WERE ACHIEVED IN **ART & DESIGN** WITH **80%** ACHIEVING THEIR AWARDS

THE SUCCESS RATE FOR LEARNERS SPONSORED BY THEIR EMPLOYERS IS HIGH AT **85%**

84.6% — 84.6% OF HIGHER EDUCATION FULL-TIME STUDENTS COMPLETED THEIR STUDIES

WITH 75% ACHIEVING THEIR AWARD (THIS IS 3.4% ABOVE THE NATIONAL AVERAGE) — **75%**

HIGHEST FULL-TIME, HIGHER EDUCATION COMPLETED SUCCESS RATES ACROSS ALL COLLEGES IN SCOTLAND

Chart 1. Outcomes for FE on recognised qualifications (full-time)

☐ % Completed Successful
☐ % Partial Success
☐ % Withdrawal

Year & Students		% Completed Successful	% Partial Success	% Withdrawal
11-12	4,539	60.9%	12.4%	26.7%
12-13	4,006	65.2%	9.4%	25.4%
13-14	4,150	66.0%	12.6%	21.5%
14-15	3,973	61.9%	12.4%	25.7%
15-16	4,152	67.4%	9.9%	22.7%
16-17	4,001	66.2%	10.4%	23.4%

This chart '*Outcomes for Further Education student enrolments on full-time recognised qualifications*' from 2011-12 to 2016-17 provides an overview of the success rates and the withdrawal rates for these students at North East Scotland College over time.

The success rate for full-time further education students is 0.9% above the sector average, however there has been a slight decline compared to the previous year. The College recognises that for many students and for many programmes the achievement rate has been very good and the College will focus on what actions it needs to further enhance its achievements in the coming year.

Chart 2b. Outcome Breakdown for FE on recognised qualifications (part-time)

Duration & Students		% Completed Successful	% Partial Success	% Withdrawal
14-15	under 10 hours			
	10 up to 40 hours 576	86.6%	8.5%	4.9%
	40 up to 80 hours 3,691	50.7%	46.2%	3.1%
	80 up to 160 hours 2,252	58.5%	39.1%	2.4%
	160 up to 320 hours 1,605	75.1%	12.0%	13.0%
	320 hours up to FT 685	85.5%	7.9%	6.6%
15-16	under 10 hours			
	10 up to 40 hours 703	95.9%	3.3%	0.9%
	40 up to 80 hours 882	67.9%	28.1%	4.0%
	80 up to 160 hours 1,970	61.2%	35.4%	3.4%
	160 up to 320 hours 1,787	71.2%	18.6%	10.2%
	320 hours up to FT 484	80.6%	14.5%	5.0%
16-17	under 10 hours			
	10 up to 40 hours 664	93.2%	3.6%	3.2%
	40 up to 80 hours 1,035	70.4%	21.4%	8.2%
	80 up to 160 hours 1,181	61.2%	34.6%	4.1%
	160 up to 320 hours 2,451	68.5%	23.0%	8.5%
	320 hours up to FT 506	80.2%	12.3%	7.5%

This chart '*Outcomes for Further Education student enrolments on part-time recognised qualifications*' from 2011-12 to 2016-17 provides an overview of the success rates and the withdrawal rates for these students at North East Scotland College over the last three years.
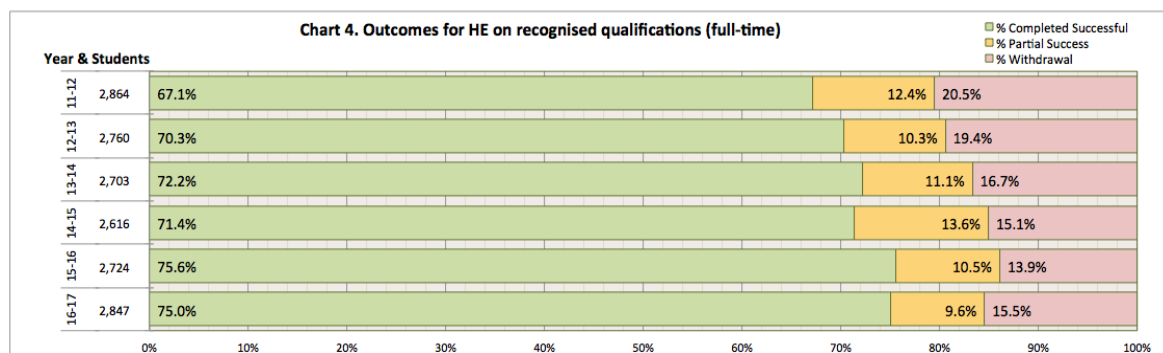
The data is divided further based on the number of hours studied by the students. Courses of less than 40 hours have excellent levels of success and very low withdrawal rates.

Chart 3: Level of achievement for students funded by the SFC completing an FE course of 160 hours or more who did not achieve 'full' success (An overview of the 'Partial Success' group above)

■ Number of students who complete their course without gaining any units / credits
■ Number of students completing their course achieiving up to 25% of planned units
■ Number of students completing their course achieving 25 to 50% of planned units
■ Number of students completing their course achieving 50 to 75% of planned units
■ Number of students completing their course achieving at least 75% of planned units

146
14%
188
18%
475
46%
147
14%
85
8%
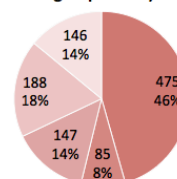
The chart above provides more detailed information on those students enrolled on further education (FE) programmes in 2016-17 who completed with partial success (as shown in the previous two charts). It excludes students with fewer than 160 hours of study. It shows that 22% of these students gained at least 50% of their units with 14% gaining at least 75% of the units on their programme. It should be noted that a high proportion of students who achieve partial success continue their studies into the next academic year, when they complete their qualification successfully.

Chart 4. Outcomes for HE on recognised qualifications (full-time)

Year & Students		% Completed Successful	% Partial Success	% Withdrawal
11-12	2,864	67.1%	12.4%	20.5%
12-13	2,760	70.3%	10.3%	19.4%
13-14	2,703	72.2%	11.1%	16.7%
14-15	2,616	71.4%	13.6%	15.1%
15-16	2,724	75.6%	10.5%	13.9%
16-17	2,847	75.0%	9.6%	15.5%

This chart '*Outcomes for Higher Education student enrolments on full-time recognised qualifications*' from 2011-12 to 2016-17 provides an overview of the success rates and the withdrawal rates for higher education students at North East Scotland College over time.

The pass rate for HE programmes is 75%; the highest across the college sector and 3.4% above the sector average. The College continues to outperform the sector. A total of 84.6% completed irrespective of their final result.

Chart 5b. Outcome Breakdown for HE on recognised qualifications (part-time)*
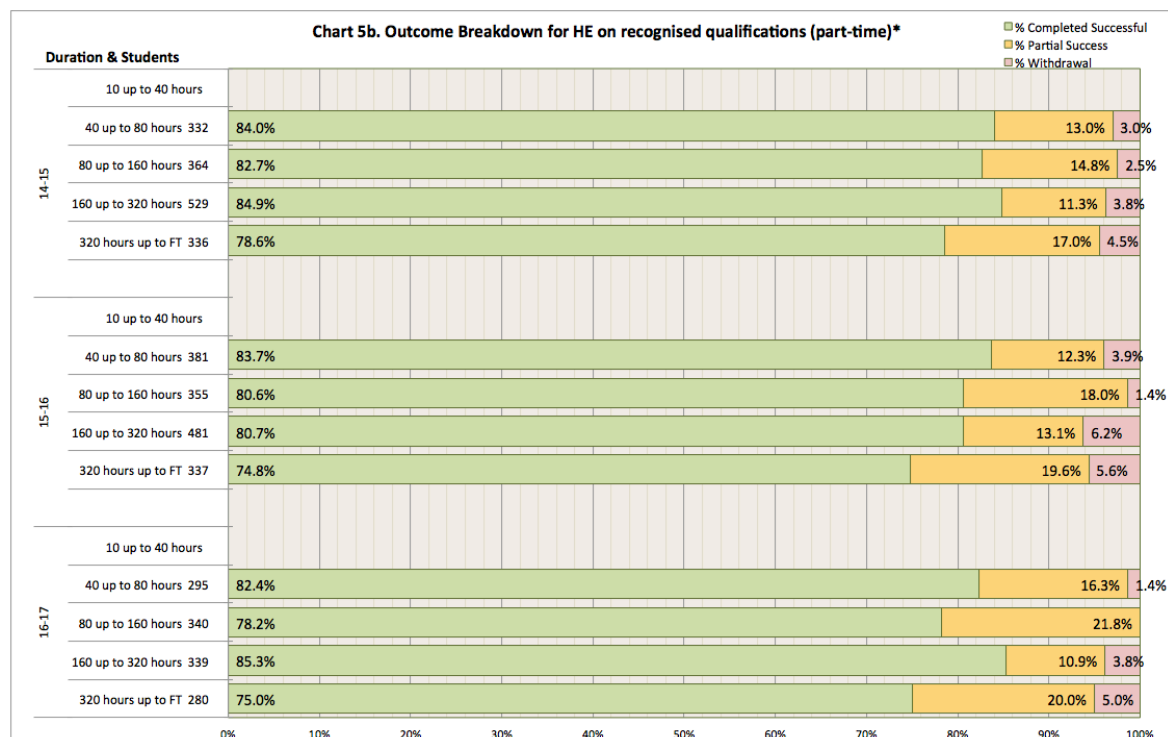
The above chart '*Outcomes for Higher Education student enrolments on part-time recognised qualification'* shows that the highest success rate was those students studying between 80 – 160 hours. The lowest pass rate was for those studying over 320 hours at 75%. The partial success rate is higher for part-time students than their full-time counterparts. This is due in part to employed students taking longer to complete their programmes than anticipated.

Chart 6: Level of achievement for students funded by the SFC completing an HE course of 160 hours or more who did not achieve 'full' success (An overview of the 'Partial Success' group above)
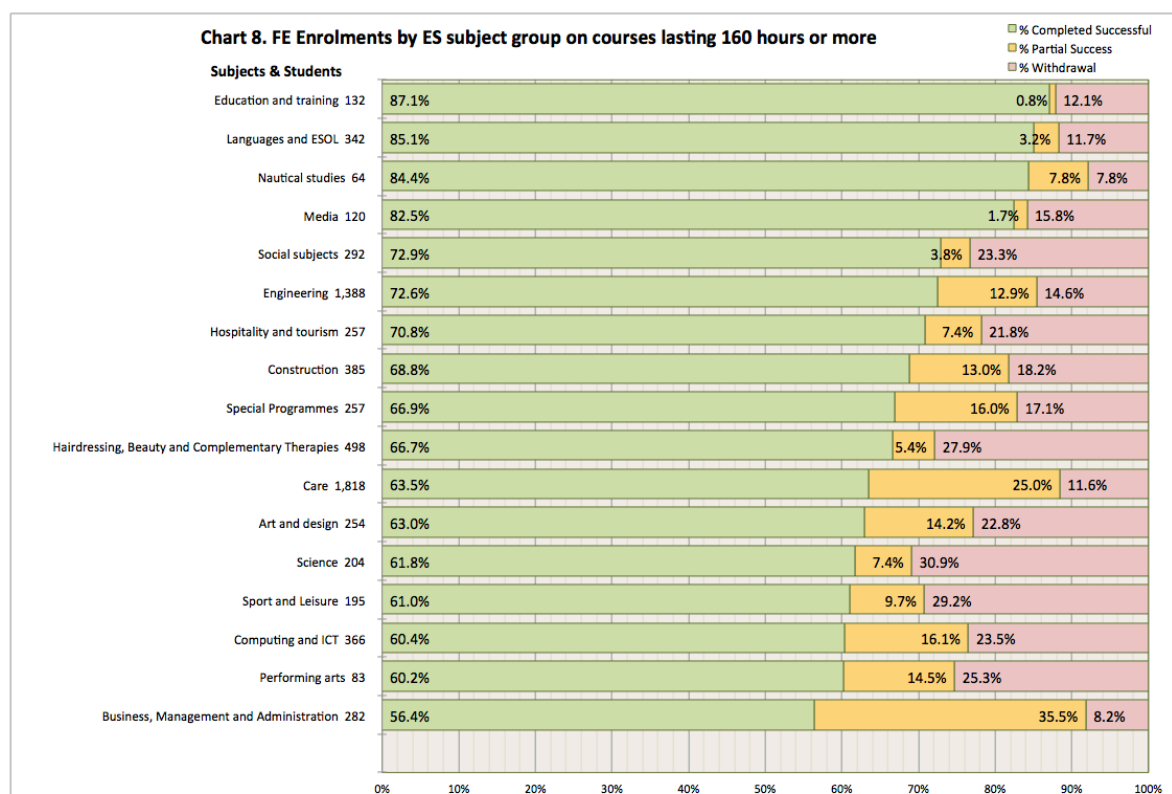
- Number of students who complete their course without gaining any units / credits
- Number of students completing their course achieiving up to 25% of planned units
- Number of students completing their course achieving 25 to 50% of planned units
- Number of students completing their course achieving 50 to 75% of planned units
- Number of students completing their course achieving at least 75% of planned units

18
5%

54
15%

121
33%

81
22%

90
25%
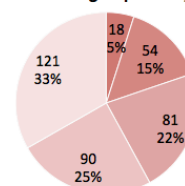
This chart provides more detailed information for the 364 students enrolled on Higher Education (HE) programmes in 2016-17 who completed with partial success. It shows that 37% of these students gained at least 50% of the units they enrolled on, with 33% gaining at least 75% of the units on their programme. It should be noted that a high proportion of students who achieve partial success continue their studies into the next academic year, when they complete their qualification successfully.

Chart 7. Enrolments by age group on courses lasting 160 hours or more
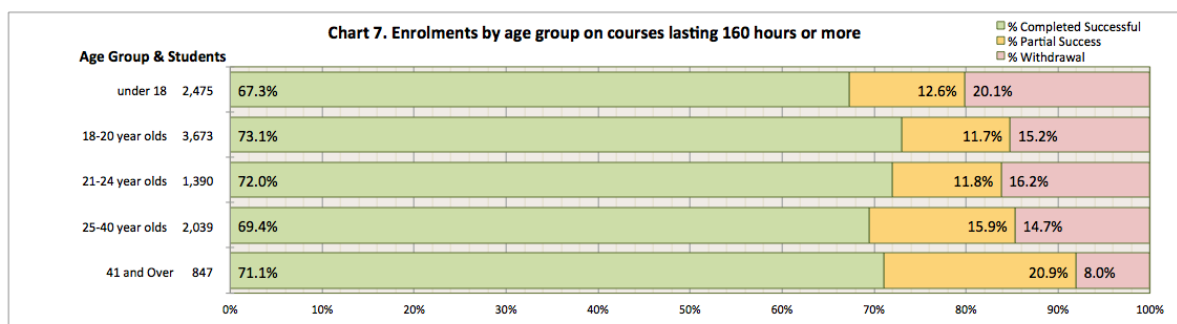
Those students who are in the age group 18-20 year olds were the highest to successfully complete their studies at 73.1%. The chart above show that students who are under 18 were the least likely to complete successfully than those in the older age groups.

Chart 8. FE Enrolments by ES subject group on courses lasting 160 hours or more

% Completed Successful
% Partial Success
% Withdrawal

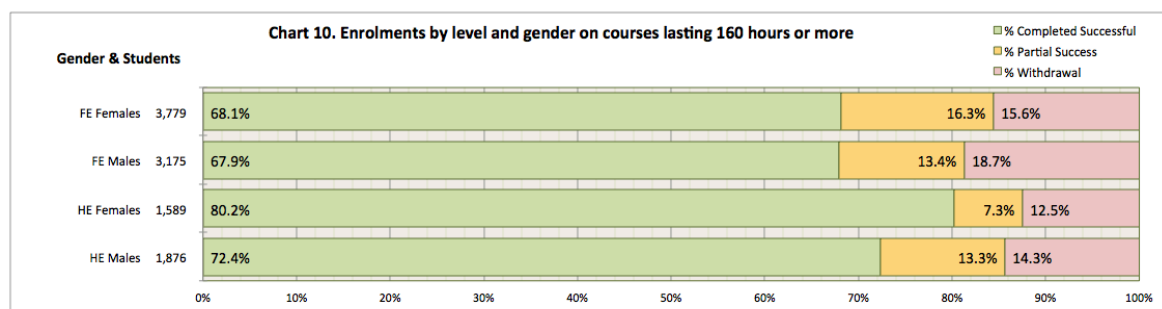| Subjects & Students	% Completed Successful	% Partial Success	% Withdrawal
Education and training 132	87.1%	0.8%	12.1%
Languages and ESOL 342	85.1%	3.2%	11.7%
Nautical studies 64	84.4%	7.8%	7.8%
Media 120	82.5%	1.7%	15.8%
Social subjects 292	72.9%	3.8%	23.3%
Engineering 1,388	72.6%	12.9%	14.6%
Hospitality and tourism 257	70.8%	7.4%	21.8%
Construction 385	68.8%	13.0%	18.2%
Special Programmes 257	66.9%	16.0%	17.1%
Hairdressing, Beauty and Complementary Therapies 498	66.7%	5.4%	27.9%
Care 1,818	63.5%	25.0%	11.6%
Art and design 254	63.0%	14.2%	22.8%
Science 204	61.8%	7.4%	30.9%
Sport and Leisure 195	61.0%	9.7%	29.2%
Computing and ICT 366	60.4%	16.1%	23.5%
Performing arts 83	60.2%	14.5%	25.3%
Business, Management and Administration 282	56.4%	35.5%	8.2%

Seven of our FE subject areas achieved rates above 70% with Education & Training the highest at 87.1%. Media, Nautical Studies and Language & ESOL achieved high success rates above 80%. Business, Management & Administration had the lowest success rate at 56.4%.

Chart 9. HE Enrolments by ES subject group on courses lasting 160 hours or more

Subjects & Students	% Completed Successful	% Partial Success	% Withdrawal
Art and design 362	80.1%	5.2%	14.6%
Performing arts 111	79.3%	9.9%	10.8%
Computing and ICT 397	79.1%	7.6%	13.4%
Construction 65	78.5%	6.2%	15.4%
Business, Management and Administration 737	77.2%	7.5%	15.3%
Media 175	77.1%	9.7%	13.1%
Hospitality and tourism 91	76.9%	9.9%	13.2%
Social subjects 226	75.7%	12.4%	11.9%
Science 121	75.2%	7.4%	17.4%
Sport and Leisure 196	74.0%	9.2%	16.8%
Care 198	72.2%	10.6%	17.2%
Engineering 787	72.0%	18.3%	9.7%

Series "% Completed Successful" Point "Engineering 78
Value: 72.0%

Only one of our HE subject areas achieved rates above 80% with Art & Design being the highest at 80.1%. Performing Arts, Computing & ICT, Construction, Media, and Business, Management & Administration achieved high success rates of 77% or more. Engineering had the lowest success rate at 72%.
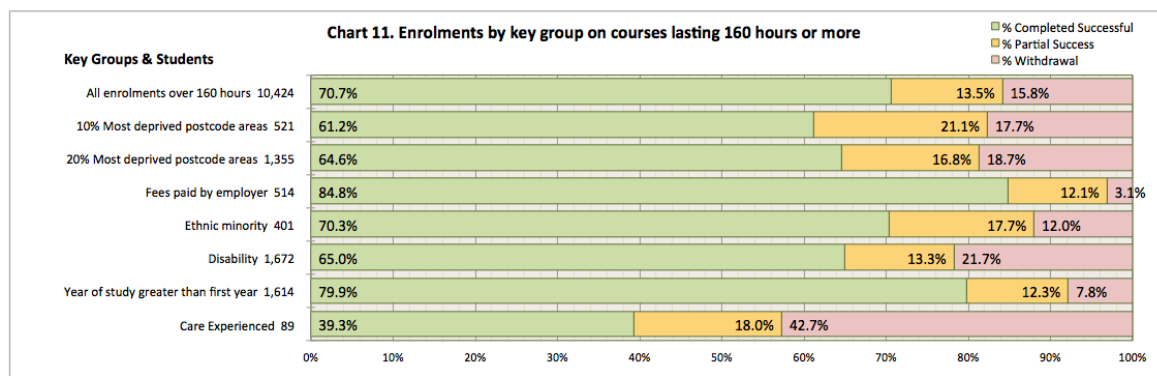
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Chart 10. Enrolments by level and gender on courses lasting 160 hours or more

Gender & Students		% Completed Successful	% Partial Success	% Withdrawal
FE Females	3,779	68.1%	16.3%	15.6%
FE Males	3,175	67.9%	13.4%	18.7%
HE Females	1,589	80.2%	7.3%	12.5%
HE Males	1,876	72.4%	13.3%	14.3%

Female student success rates are higher than their male counterparts at HE level with 80.2% successful in completing their course. This was a difference of 7.8%. In addition, Female success rates are slightly higher than their male counterparts at FE level with 68.1% successful in completing their course - a difference of 0.2%.

For HE, the success rates for both males and females is higher than the sector average; the female success rate for further education programmes is also above the sector.

There are gender differences in the choices that people make in their chosen subjects with males more likely to choose Engineering, Construction, and Computing, while women are more likely to select Hairdressing, Beauty Therapy and Care.
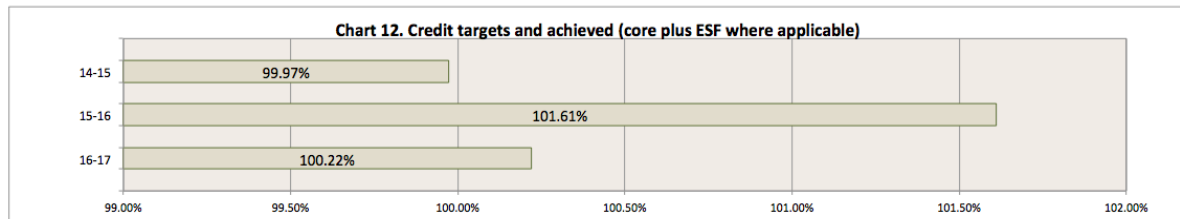
The College has in place an action plan to address gender inequality issues.

Chart 11. Enrolments by key group on courses lasting 160 hours or more

Key Groups & Students	% Completed Successful	% Partial Success	% Withdrawal
All enrolments over 160 hours 10,424	70.7%	13.5%	15.8%
10% Most deprived postcode areas 521	61.2%	21.1%	17.7%
20% Most deprived postcode areas 1,355	64.6%	16.8%	18.7%
Fees paid by employer 514	84.8%	12.1%	3.1%
Ethnic minority 401	70.3%	17.7%	12.0%
Disability 1,672	65.0%	13.3%	21.7%
Year of study greater than first year 1,614	79.9%	12.3%	7.8%
Care Experienced 89	39.3%	18.0%	42.7%

The chart above groups students into different categories depending on where they live, who has paid their fees, their ethnicity, whether they have declared a disability and whether they are at College for a second or subsequent year. The success rates for students who have declared a disability is 65% which is a 2% increase compared to the previous year, however, is still 1.5% below the sector average.

In all categories, the College is below the sector average including Care Experienced students where 39.3% achieved compared to the sector average of 57.2%

Students who are sponsored by an employer was 84.8% which is the same as the sector average, while the success rate for students who return for a second or subsequent year of study is high at 79.9%. Students often return for the next level of course in their chosen subject area or may be following a two or three-year programme such as an apprenticeship.

Chart 12. Credit targets and achieved (core plus ESF where applicable)

14-15	99.97%
15-16	101.61%
16-17	100.22%

99.00% 99.50% 100.00% 100.50% 101.00% 101.50% 102.00%

The SFC's annual grant to the college sector allows courses to be provided free to eligible students. In return, the SFC expects the colleges to provide an agreed level of activity. This activity is measured in Credits, with each Credit equating to 40 hours of study. In 2016-17 North East Scotland College was required to deliver 137, 893 Credits. This graph shows that it delivered 100.22% of this target. The College manages its activity through careful curriculum planning and monitoring of activity.

Guide to Performance Indicators

Withdrawal

There are 2 performance indicators which measure the number of students who withdraw from their course. Measurements are made at 2 points in the session – at the student funding point (1st November or once 25% of the course has elapsed) and after the whole course has elapsed.

Early Withdrawal = 10 / 100 = 10%

This measurement indicates the % of students who have withdrawn from the course before 1 November or 25% of the duration of the course.

Number of students withdrawn prior to student funding point x 100
Number of students who enrolled on the course

e.g. if 100 students enrolled and 10 withdrew by the student funding point then the Early Withdrawal rate would be 10%

Further Withdrawal = 15/100 = 15%

This measurement indicates the % of students who attended after the student funding point but withdrew from the course before the official end date.

Number of students withdrawn after student funding point and prior to end of course x 100
Number of students who enrolled on the course

e.g. if a further 15 students withdrew after the student funding point but prior to the end of the course then the Further Withdrawal rate would be 15%

Attainment

There are 2 performance indicators which measure students' success. The first measures those who completed the course but did not gain all the units to gain the qualification. The other measures those who enrolled and achieved the full qualification.

Completed: Partial Success = 20/100 = 20%

This measurement indicates the % of students who have completed the course but did not gain all the units to gain the qualification.

<u>Number of students who completed course but did not gain full qualification x 100</u>
Number of students who enrolled on the course

e.g. if 20 of the students in this example completed the course but only achieved some of the units required for the qualification then Completed: Partial Success rate would be 20%

Completed: Successful = 55 / 100 = 55%

This measurement indicates the % of students who enrolled and completed the course and gained all the units to gain the qualification.

<u>Number of students who completed course and gained full qualification</u> x 100
Number of students who enrolled

e.g. if the 55 remaining students completed the course and achieved the qualification then the Completed: Success rate would be 55%

(Centre devised qualifications require 70% of units to be achieved for Completed: Success but national awards require all credits of the qualification to be achieved for Completed: Success)