ABZ CAMPUS

Learning to shape your future

Anytime & Twilight Courses

2024/25

ABOUT ABZ CAMPUS

ABZ Campus is a partnership between Aberdeen City Council, Aberdeenshire Council, NESCol and a range of other stakeholders, including Skills Development Scotland, Bon Accord Care, Aberlour Futures, Robert Gordon University, RGC Online, SRUC, University of Aberdeen, and Developing the Young Workforce North East.

ABZ Campus offers a range of courses for learners in Aberdeen. ABZ Campus courses aim to boost skills and align with our fastest growing industries in the North-East of Scotland.

Bon Accord Care

aberlour
scotland's children's charity

ABERDEEN CITY COUNCIL

NORTH EAST SCOTLAND COLLEGE

CITYMOVES
DANCE AGENCY SCIO

Skills Development Scotland

GLAMCANDY

1495 UNIVERSITY OF ABERDEEN

RGU ROBERT GORDON UNIVERSITY ABERDEEN

DYW NORTH EAST
The vital link connecting schools and businesses

ROBERT GORDON'S COLLEGE
ONLINE

SRUC

Aberdeenshire COUNCIL

ANYTIME COURSES

WHY STUDY AN ANYTIME/TWILIGHT COURSE?

A number of **Anytime** and **Twilight** courses are offered as part of the offer under ABZ Campus.

There are a number of reasons why a young person may wish to study a course in their own time:

- Unable to study a full complement of courses during the normal school day, due to employment or being a carer
- Looking to gain a qualification or experience in an area relevant to their career path
- Having a passion for learning and the time to undertake more courses

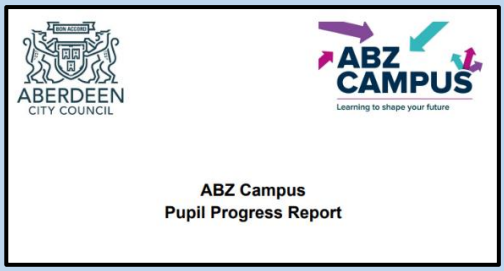
COMMITMENT TO STUDY

Anyone choosing an ABZ Campus Anytime course needs to demonstrate commitment to their studies. Anytime courses are not considered a soft option which can be dropped as demands on a young person increase over the course of the year. Signing up for an Anytime course requires the same level of commitment shown to other courses being studied and require more of a commitment due to the level of personal responsibility and time management required to meet deadlines and achieve success.

TRACKING, MONITORING & REPORTING

Students' progress will be recorded and reported to parents at various times in the year. Dates will be given by the provider during the induction.

Performance will be monitored and with intervention by the home school if required.



APPLYING FOR ABZ CAMPUS ANYTIME/TWILIGHT COURSES

All applications for Anytime & Twilight courses must be made through the ABZ Campus Portal in the first instance. Depending on the course provider, you may then be required to complete an application with either the Robert Gordon College Online, Robert Gordon University, Scotland's Rural College (SRUC) or the University of Aberdeen.

Aberdeen City applicants should apply through the portal using their 'ab-ed' account. Aberdeenshire applicants should apply through Mr Cowie, Depute Head Teacher at Portlethen Academy.

ENTRY REQUIREMENTS & SELECTION CRITERIA

Standard entry requirements are broken down below for each level of course offered as part of ABZ Campus.

HNC/HNU UNITS
HNC courses, or HNC single unit courses, are open to S6 pupils only. There may be specific entry requirements such as progression from the same subject or closely related.

ADVANCED HIGHER
Advanced Higher courses are open to S6 pupils only. To progress to an Advanced Higher pupils must be on track to achieve an A or B pass at Higher Level in the same subject (in some cases similar subjects will be considered). There may also be specific entry criteria for certain subjects located in the course guide.

HIGHER
Higher courses are open to S5 or S6 pupils. To progress to a Higher course pupils must be on track to achieve an A or B pass at National 5 Level in the same subject (in some cases similar subjects will be considered).

NATIONAL PROGRESSION AWARD (LEVEL 6)
National Progression Awards (NPA) are open to S5 or S6 pupils. To progress to an NPA pupils should have achieved 1 or more courses at SCQF Level 5 (at least 1 of those must be in a similar subject to the NPA).

NATIONAL PROGRESSION AWARD (LEVEL 5)
These courses are open to S4, S5 or S6 pupils. S4 pupils should have achieved CFE Level 4 in that subject (or similar subject) to progress to National 5. It is expected that S5 and S6 pupils will have achieved National 4 in same subject, or similar subjects in S4 or S5. Prior attainment will make up part of the selection criteria, if courses are oversubscribed.

ABZ ANYTIME/TWILIGHT COURSES BY LEVEL

Anytime Courses
SCQF Level 7 History Advanced Higher (Aberdeen City) Modern Studies Advanced Higher (Aberdeen City) Online Art & Design Portfolio Development (Robert Gordon University) Environmental Awareness (SRUC) Access Course in Physics – Engineering (University of Aberdeen) Access Course in Chemistry (University of Aberdeen) **SCQF Level 6** Local Food Production (SRUC) **SCQF Level 5/6** Veterinary Terminology (SRUC) **SCQF Level 5** Equine (SRUC) Horticulture (SRUC) Investigation into Modern Agriculture (SRUC) The Principles of Animal Care (SRUC)
Twilight Courses
SCQF Level 6 Higher Computing Science (RGC Online) Higher Applications of Mathematics (RGC Online)

ENTRY REQUIREMENTS & SELECTION CRITERIA

Standard entry requirements are broken down below for each level of course offered as part of ABZ Campus.

ADVANCED HIGHER
Advanced Higher courses are open to S6 pupils only. To progress to an Advanced Higher pupils must be on track to achieve an A or B pass at Higher Level in the same subject (in some cases similar subjects will be considered). There may also be specific entry criteria for certain subjects located in the course guide.

HIGHER
Higher courses are open to S5 or S6 pupils. To progress to a Higher course pupils must be on track to achieve an A or B pass at National 5 Level in the same subject (in some cases similar subjects will be considered).

NATIONAL PROGRESSION AWARD (LEVEL 6)
National Progression Awards (NPA) are open to S5 or S6 pupils. To progress to an NPA pupils should have achieved 1 or more courses at SCQF Level 5 (at least 1 of those must be in a similar subject to the NPA).

FOUNDATION APPRENTICESHIPS (SCQF LEVEL 6)
Foundation Apprenticeships are open to S5 or S6 pupils. To progress into a Foundation Apprenticeship, pupils must have an interest in a career related to that FA. Pupils should be able to demonstrate that they of working at SCQF Level 6 (i.e Higher level). For S5s it is expected that most or all of a pupils remaining courses are SCQF Level 6. For S6 pupils it is expected that they have already achieved 1 or more SCQF Level 6 course. Due to the assessment methods, pupils should have achieved at least 1 A or B pass in a written based National 5 subject (e.g English).

FOUNDATION APPRENTICESHIPS (SCQF LEVEL 4/5)
Foundation Apprenticeships at SCQF Level 4/5 are open to S4,S5 or S6 pupils. Pupils should have an interest in a career related to that FA. For Level 5 pupils should have achieved at least 1 qualification at SCQF Level 4, preferably in a related subject. Guidance Teachers should support a pupils application and agree that pupils are capable of working at the level required of the course.

NATIONAL 5
These courses are open to S4, S5 or S6 pupils. S4 pupils should have achieved CFE Level 4 in that subject (or similar subject) to progress to National 5. It is expected that S5 and S6 pupils will have achieved National 4 in same subject, or similar subjects in S4 or S5. Prior attainment will make up part of the selection criteria, if courses are oversubscribed.

NATIONAL 3/4
Guidance Teachers should support a pupils application and agree that pupils are capable of working at the level required of the course.

HISTORY ADVANCED HIGHER

LEVEL	SCQF LEVEL 7
DELIVERER	CULTS ACADEMY
GROWTH SECTOR	GENERAL

PROGRESSION PATHWAY

NATIONAL 5 HISTORY → HIGHER HISTORY → ADVANCED HIGHER HISTORY → Related HND and degree courses as well as a diverse range of careers

COURSE OUTLINE

Russia: From Tsarism to Stalinism, 1914-1945

This course is composed of the following areas of study:

- **Bolshevik rise to power, including:**
  the condition of society in the years immediately before Revolution; the February Revolution and Bolshevik reactions to it; the causes, nature and immediate consequences of the October Revolution.

- **Lenin and the consolidation of power, including:**
  including: the withdrawal from the First World War; the Civil War and the reasons for Bolshevik victory; changing economic policy from War Communism to the New Economic Policy; the political development of the Soviet state; foreign policy under Lenin

- **The making of the Stalinist system, including:**
  including Stalin's struggle for power with his rivals; the policies of industrialisation and collectivisation; the Purges. The spread of Stalinist authority, including: political, social and cultural aspects of the Stalinist state; Russia and the Great Patriotic War

COURSE ASSESSMENT

Throughout the course, learners must:

- draw on, extend and apply the skills, knowledge and understanding acquired during the course
- demonstrate depth of knowledge and understanding, and application of skills
- demonstrate challenge and application through independent research related to an appropriate historical issue

To gain the award of the Course, the learner must pass all Units as well as the Course assessment. Course assessment will provide the basis for grading attainment in the Course award at levels A-D. The Course assessment is externally assessed and composed of the following two components:

- Component 1 — Question Paper 90 marks. Part A – Historical Issues (50 marks), Part B – Historical Sources (40 marks)
- Component 2 — Project-dissertation 50 marks.

LINKS TO FURTHER INFORMATION

https://www.sqa.org.uk/sqa/48466.html

MODERN STUDIES ADVANCED HIGHER

LEVEL	SCQF LEVEL 7
DELIVERER	CULTS ACADEMY
GROWTH SECTOR	GENERAL

PROGRESSION PATHWAY

NATIONAL 5 MODERN STUDIES → HIGHER MODERN STUDIES → **ADVANCED HIGHER MODERN STUDIES** → Related HND and degree courses as well as a diverse range of careers

COURSE OUTLINE

The overall theme of the course is 'Law and Order and Research Methods' and comprises two units, one of 80 hours and one of 40 hours as outlined below:

Unit 1: Social Issues: Law and Order and Social Research Methods

- Context A: Understanding criminal behaviour: A) Definitions, measurements and perceptions of crime. B) Contemporary relevance of theories of criminal. C) Social and economic impact of criminal behaviour.
- Context B: Responses by society to crime: A) Contemporary relevance of theories of punishment. B) Preventative responses to crime. C) Criminal justice responses to crime.
- Research Methods: A) Qualitative and quantitative social scientific research methodology. B) Source evaluation.

Unit 2: Researching Contemporary Issues

Pupils conduct independent primary and secondary research on a law and order topic, developing the investigative skills of planning, researching, analysing, and presentation through the production of a 5000- word dissertation.

COURSE ASSESSMENT

To gain a full award for this course, pupils must achieve all the component units of the course (internally assessed) as well as an external assessment. The external assessment comprises an externally set and assessed question paper and the dissertation. In addition, pupils must pass internal assessments throughout the course relating to the content of Units 1 and 2.

LINKS TO FURTHER INFORMATION

https://www.sqa.org.uk/sqa/48467.html

APPLICATIONS OF MATHEMATICS (Higher)

LEVEL	SCQF LEVEL 6
DELIVERER	RGC ONLINE
GROWTH SECTOR	GENERAL

PROGRESSION PATHWAY

N5 MATHS or N5 APPLICATIONS OF MATHS → **HIGHER APPLICATIONS OF MATHS** → Foundation Apprenticeships; Related Degree Courses

COURSE OUTLINE

Adapted from the SQA Arrangements
RGC Online's Higher Applications of Mathematics course focuses on developing the mathematical and analytical skills required in society and for the future workforce. The course develops students' quantitative and mathematical literacy, problem-solving skills and reasoning skills as they apply mathematics in real-life contexts; including identifying relevant information, formulating a problem in appropriate mathematical or statistical terms, selecting and applying tools correctly, finding solutions, interpreting solutions in the context of a problem, and evaluating the approach taken.

Students will complete four areas of study: Mathematical modelling, Finance, Statistics and probability, and Planning and decision making.

Additional opportunities
Studying Applications of Mathematics with RGC Online also gives students the access to the RGC Online+ platform, where they can expand their knowledge in the tech sector further via self-study modules in topics such as Artificial Intelligence, Data Science and Machine Learning, Cyber Security, Game Design and Entrepreneurship. Students demonstrate their mastery of each module through the completion of a small project, submitted and assessed online. Digital badges are awarded for each module completion and a certificate at the end of the school year summarising all modules completed that students can add to their own profiles.

COURSE ASSESSMENT

There are two mandatory assessments for students to complete. A final question paper worth 80 marks, comprising two thirds of a student's final mark is completed during the SQA exam diet in 2025. Students will typically be able to sit this at their local school. Students will also need to complete an assignment worth 40 marks, which provides the final third of the overall grade. This assignment is completed under invigilated conditions and will require students to attend Robert Gordon's College for part of a weekend at the start of March 2025.

LINKS TO FURTHER INFORMATION

RGC Online
SQA Course Specification

COMPUTING SCIENCE (Higher)

LEVEL	SCQF LEVEL 7
DELIVERER	RGC ONLINE
GROWTH SECTOR	GENERAL

PROGRESSION PATHWAY

N5 COMPUTING SCIENCE or N5 IN RELATED TECHNOLOGY SUBJECT → HIGHER COMPUTING SCIENCE → ADVANCED HIGHER COMPUTING SCIENCE → Foundation Apprenticeships; Related Degree Courses

COURSE OUTLINE

Adapted from the SQA Arrangements
RGC Online's Higher Computing Science course is designed to offer students a comprehensive understanding of advanced computational processes. Through this course, students learn to apply a rigorous approach to design and development across various contemporary contexts. Additionally, the course emphasises the pivotal role played by computing professionals in addressing society's present and future needs.

Students will complete three areas of study: Software design and development, Computer systems and Database design and development.

Additional opportunities
Studying Computing Science with RGC Online also gives students the access to the RGC Online+ platform, where they can expand their knowledge in the tech sector further via self-study modules in topics such as Artificial Intelligence, Data Science and Machine Learning, Cyber Security, Game Design and Entrepreneurship. Students demonstrate their mastery of each module through the completion of a small project, submitted and assessed online. Digital badges are awarded for each module completion and a certificate at the end of the school year summarising all modules completed that students can add to their own profiles.

COURSE ASSESSMENT

There are two mandatory assessments for students to complete. A final question paper worth 80 marks, comprising two thirds of a student's final mark is completed during the SQA exam diet in 2025. Students will typically be able to sit this at their local school. Students will also need to complete an assignment worth 40 marks, which provides the final third of the overall grade. This assignment is completed under invigilated conditions and will require students to attend Robert Gordon's College for part of a weekend at the start of March 2025.

LINKS TO FURTHER INFORMATION

RGC Online
SQA Course Specification

ENVIRONMENTAL AWARENESS (HNC Unit at Level 7)

LEVEL	HNC UNIT AT LEVEL 7
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S6 pupils with National 5 Maths & English (Grade A to C and preferably one Higher

→ ENVIRONMENTAL AWARENESS (HNC UNIT AT LEVEL 7) →

HNC/HND Wildlife & Conservation
HNC/HND Environmental Management
BSc (Hons) Wildlife & Conservation
BSc (Hons) Environmental Management

COURSE OUTLINE

Who is the course for:
This unit introduces learners to the main environmental effects of the use of the earth's resources by an increasing human population. Emphasis will be placed on identifying ways in which the sustainable use of resources can be achieved through action plans ranging from the international to individual scale. It will be of particular interest to pupils interested in wildlife, conservation, sustainability, and climate change for further study, and to those who are unable to access an Environmental Science Higher via their school.

Duration:
The course is designed to be completed over one academic year, and will be flexible to cater for individual learning styles. Successful completion of this unit is equivalent to one HNC module at SCQF level 7 and 8 SQA Credits.

COURSE ASSESSMENT

This course will be delivered remotely through schools Moodle using online classrooms and assessment. Support will be provided by lecturers from our Wildlife & Conservation programmes.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

EQUINE STUDIES (NPA Level 5)

LEVEL	NPA LEVEL 5
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6 pupils who are capable of working at SCQF Level 5 and show a keen interest in the subject area following discussions with Guidance Teacher

→ EQUINE STUDIES (NPA LEVEL 5) →

Further study as part of an apprenticeship programme or further and higher education qualifications.

COURSE OUTLINE

Who is the course for: This course offers students in S4, S5 and S6 the opportunity to complete a vocational NPA Rural Skills: Equine Studies. The course combines blended learning with the opportunity for practical sessions as well as self study, voluntary work or personal interest. This is an introductory course and is suitable for those working or expected to be working at SCQF Level 5 with a keen interest in horses or working with animals. It can also be used to gain practical equine experience for other SRUC courses for example veterinary nursing, vet medicine or equine studies.

COURSE ASSESSMENT

The course is delivered predominantly online with the addition of 4 compulsory practical days held at your local SRUC campus equine facilities or associated riding school, where students will get hands-on with practical activities. The online element can be accessed at any time allowing the school and the pupil the flexibility to fit their studies around existing courses. The course is also run by a dedicated tutor who will be available to support you with the course.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

HORTICULTURE (NPA Level 5)

LEVEL	NPA LEVEL 5
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6 pupils who are capable of working at SCQF Level 5 and show a keen interest in the subject area following discussions with Guidance Teacher

→ HORTICULTURE (NPA LEVEL 5) →

NC Introduction to Horticulture;
NC Horticulture or Horticulture with Landscaping or Garden Design;
HNC / HND Horticulture;
BSc Hons Horticulture;
Modern Apprenticeship.

COURSE OUTLINE

Designed to be an introduction to the horticulture industry, showcasing the variety of activities, skills and careers in this vibrant and topical industry. Students will be introduced to how plants are produced, grown, and used – from the production of new plants to establishing and maintaining them, and on to designing and creating plant displays. The course includes plant identification so that students can correctly state which plants are grown where and why and learn how to undertake scale drawing so that basic design plans can be prepared. Students will also investigate an area of the Scottish Horticultural industry that interests them, whether that is horticultural science, design, plant production, retail, plant conservation and more. Students will also get the chance to get their hands dirty during supervised practical sessions at SRUC campuses where they will learn the fundamental skills of a budding horticulturalist.

The course will be delivered by distance learning via an online platform with self-directed activities and online tutorial support . There will be some additional immersive practical days carried out on campus/in school . Please enquire to check availability in your region .

COURSE ASSESSMENT

Each unit is delivered over 12 weeks and it is anticipated that students will take 3 hours of study per week to complete activities. An additional 1 hour per week of live tutor support via an online platform is available. Two units will also expect students to undertake some supervised practical activities at a specific campus or other approved location.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

INVESTIGATION OF MODERN AGRICULTURE (NPA Level 5)

LEVEL	NPA LEVEL 5
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6 pupils who are capable of working at SCQF Level 5 and show a keen interest in the subject area following discussions with Guidance Teacher

→ INVESTIGATION OF MODERN AGRICULTURE (NPA LEVEL 5) →

Progression into a full-time agricultural course or apprenticeship. Courses:
NC Agriculture
HNC/HND Agriculture
HNC Poultry Production
BSc (Hons) Agriculture
Modern Apprenticeships.

COURSE OUTLINE

Who is the course for?
The NPA Investigation of Modern Agriculture is for anyone who wishes to develop their knowledge of and/or embark on a career in the agricultural sector. It is designed for learners who have no prior knowledge or experience of the agricultural sector which makes it an ideal introduction and entry on to an agriculture pathway. The Investigation of Modern Agriculture is designed to provide students with an introduction to modern practices in agriculture and to encourage them to consider the industry as a viable career opportunity.

Delivery
Delivered over 3 units, based on 3-5 hours study per week over the college academic year.

COURSE ASSESSMENT

Delivery will be via a blended learning approach utilising our on-line training platform, Moodle. There will be opportunities for students to meet and engage with local agricultural businesses as well as some in-person SRUC campus practical elements depending on location, with opportunities to meet students and those employed in the industry to help gain an understanding of job roles within the sector.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

LOCAL FOOD PRODUCTION (NPA Level 6)

LEVEL	NPA LEVEL 6
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6 pupils who are capable of working at SCQF Level 6 and show a keen interest in the subject area following discussions with Guidance Teacher

LOCAL FOOD PRODUCTION (NPA LEVEL 6)

Potential progression paths include:
MA Food Production and Processing;
BA (Hons) Rural Business Management;
BSc Hons Agriculture;
NC/HNC/HND Agriculture;
HNC/HND Rural Business Management

COURSE OUTLINE

Who is the course for?
The National Progression Award (NPA) in Local Food Production at SCQF level 6 will provide an insight into local food production in a local and global food market context by exploring sustainable food production, a practical understanding of primary food production and how to make an entry into the food market . This course will be of interest to those wishing to work in food technology, food production or with a passion for food integrity and provenance . The growth of artisan food production means there is an opportunity for self-employment or entry into an increasingly diverse food market

Delivery:
Delivered over 3 units, based on 3-5 hours study per week over the college academic year.

Topics covered:
Issues surrounding local and global food production and consumption, considering environmental issues, food security and sustainable options. Practical food production skills (Horticulture). Routes to market with product development, marketing and legal requirements.

COURSE ASSESSMENT

This course will be delivered remotely through schools Moodle using online classrooms and assessment . Support will be provided by lecturers from our academic staff . The course provides an opportunity for wider skills development and our delivery model can allow flexible options for practical work .

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

THE PRINCIPLES OF ANIMAL CARE
(SRUC Certificate Comparable to SCQF Level 5)

LEVEL	SRUC CERTIFICATE COMPARABLE to SCQF LEVEL 5
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6 pupils, who are capable of working at SCQF Level 5 and show a keen interest in the subject area following discussions with Guidance Teacher

→ THE PRINCIPLES OF ANIMAL CARE (SRUC Certificate Comparable to SQCF Level 5) →

Progression paths include: MA Food Production and Processing; BA (Hons) Rural Business Management; BSc Hons Agriculture; NC/HNC/HND Agriculture; HNC/HND Rural Business Management

COURSE OUTLINE

Who is the course for?
The Principles of Animal Care course is for anyone wishing to develop their knowledge of all aspects in the Animal Care Sector. Schools are encouraged to enrol students who wish to learn these specific vocational skills. The course addresses key transferable skills highly valued by employers, including communication, information processing and health and safety.

Outline:
The course covers the theory of a range of practical animal care activities. Example units: Feeding and watering small animals; Small animal accommodation;
Health and safety; Moving and handling animals; Training animals; Working with others; Health care of small animals; Environmental enrichment and exercising animals; Grooming; Record Keeping; Anatomy of Companion Animals.
The course is largely geared towards domestic species (cats, dogs, rabbits, mice etc). Activities within the units are often open to allow you to focus on a species of your choice. In this way we aim to accommodate individual preferences, and encourage you to develop knowledge of unfamiliar species.

COURSE ASSESSMENT

Duration:
The course is designed to be flexible and to cater for individual learning styles. Most candidates progress at the rate of one unit every month. Successful completion of each unit leads to an SRUC certificate.

Delivery:
This distance learning course is delivered through a series of well-established high quality packs accessible online and can be completed by anyone, irrespective of circumstances or locality. Each pack covers one unit and contains reading information, interactive activities and final assessments. There are no formal exams. You will be assigned a personal tutor available by telephone or email to mentor you through the course.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

VETERINARY TERMINOLOGY
(SRUC Certificate comparable to SCQF Level 5 with one unit at Level 6)

LEVEL	SRUC CERTIFICATE COMPARABLE to SCQF LEVEL 5 WITH ONE UNIT AT LEVEL 6
DELIVERER	SRUC
GROWTH SECTOR	AGRICULTURE

PROGRESSION PATHWAY

S4/5/6, who are capable of working at SCQF Level 5 and show a keen interest in the subject area following discussions with Guidance Teacher

→

VETERINARY TERMINOLOGY (SRUC Certificate Comparable to SQCF Level 5 with one unit at Level 6)

→

Principles of Animal Care Distance learning;
NC Introduction to Animal Care;
NC/HNC/HND Animal Care Full time course;
Level 2 Diploma Veterinary Care Assistant Full time & distance learning;
Level 3 Diploma Veterinary Nursing;
BSc Hons Veterinary Nursing Modern Apprenticeship

COURSE OUTLINE

Who is the course for?
The course is designed to de-mystify some of the terms and jargon used in the field of Veterinary Medicine. This course would be beneficial for anyone wishing to embark on a career in the Animal Care sector, eg veterinary receptionist or animal welfare staff . It is strongly recommended to anyone wishing to progress to a Veterinary Nursing Qualification.

Duration
The course is designed to be completed over one academic year, and will be flexible to cater for individual learning styles . Spread over 19 units based on 3 to 5 hours of self-directed study per week . Successful completion of each unit leads to an SRUC certificate.

COURSE ASSESSMENT

This distance learning course is delivered through a series of units accessible online and can be completed by anyone, irrespective of circumstances or locality. The unit will contain reading information, interactive activities and final assessments . There are no formal exams . You will be assigned a personal tutor available by telephone or email to mentor you through the course .

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

ONLINE PORTFOLIO DEVELOPMENT

LEVEL	SENIOR PHASE LEVEL 7
DELIVERER	ROBERT GORDON UNIVERSITY
GROWTH SECTOR	CREATIVE & CULTURUAL INDUSTRIES

PROGRESSION PATHWAY

National 5 Art & Design → Higher Art & Design → **ADVANCED HIGHER ART & DESIGN** → HNC and other degree courses

COURSE OUTLINE

Are you a curious dreamer? Are you a visual problem solver? Are you a reflective communicator? If you want the answer to these questions to be a strong yes, then the content and related tasks in this online course will help you get there and more importantly communicate this with others. This course unpacks Gray's portfolio grading process, looking at how to evidence the key mindsets and behaviours that we think will make you a creative practitioner. The Curious Dreamer, The Visual Problem Solver and The Reflective Communicator. Recorded sessions are released weekly to guide you through these mindsets to show how adopting them will allow you to generate a successful folio. As well as helping you master the mindsets the course contains hints and tips on presenting and documenting your ideas in a digital space. Your understanding will be tested through structured tasks that allow you to apply new behaviours to evidence your thinking, within the context of an online portfolio submission. This course is composed of the following four sections:

Part 1 - DEFINING AND EVIDENCING THE CURIOUS DREAMER
INSPIRATION How does inspiration work? Understanding the connectivity and flow of ideas in a project.
CURIOSITY Where is curiosity found? Understanding The Curious Dreamer exists where curiosity and inspiration meet.
BRIEFING How to evidence these Mindsets in your folio.

Part 2 - DEFINING AND EVIDENCING THE VISUAL PROBLEM SOLVER
VISUAL THINKING "What if…?" Investigating how The Visual Problem-Solver thinks out loud and makes ideas real.
MAKING Embracing the "Have a go" mentality and rehearsing ideas. Exploring how context and material can drive concepts.
BRIEFING Creating and producing variety by showing a range and sensitivity to the use of media & marks.

Part 3 - PRESENTING AND COMMUNICATING IDEAS THE REFLECTIVE COMMUNICATOR
BRIEFING Elaborating on ideas and showing reflective communication within a folio. How to evidence thinking and reflective communication – Discussing Personal statements etc
ORGANISATION OF A FOLIO Telling your story and getting your point across. Creating a FLIKR account.

Part 4 - PRODUCTION AND DOCUMENTATION
DOS AND DONTS - Photographic pitfalls and peaks. Documenting objects & images.
PROJECT MANAGEMENT Creating a timeline and planning for submission deadline.

COURSE ASSESSMENT

Throughout the course, learners must:
• Analyse and explore the 3 key mindsets and the impact of the associated behaviours on their creativity.
• Draw on experiences to explore the means for evidencing inspiration, curiosity and visualising thinking.
• Apply this understanding to the structure of projects and the production of a portfolio.
• The above will be demonstrated within the scope of the tasks undertaken, leading to individual creative outputs that will be shared during online critique's to further underpin the future development of a personal portfolio.

LINKS TO FURTHER INFORMATION

Gray's School of Art
Engage @ Gray's

ACCESS COURSE IN PHYSICS (Engineering)

LEVEL	SCQF LEVEL 7
DELIVERER	UNIVERSITY OF ABERDEEN
GROWTH SECTOR	LIFE SCIENCES; ENERGY

PROGRESSION PATHWAY

S5/S6 pupils who are capable of working at SCQF Level 6 and show a keen interest in the subject area following discussions with Guidance Teacher

→ ACCESS COURSE IN PHYSICS (ENGINEERING) SCQF LEVEL 7 →

University degree courses in relevant subject area.

COURSE OUTLINE

Force and Motion

- Introduction to vectors (scalars and vectors; vector components; vector resolution into x and y components; adding vectors)
- Motion — equations and graphs
- Forces. Newton's laws.
- Forces. Equilibrium of forces at a point. Equilibrium of a rigid body.
- Types of support
- Collisions, explosions and impulse
- Kinematic relationships
- Angular motion
- Rotational dynamics

Energy

- Forms of energy (transformation of energy; mechanical work)
- Gravitational potential and kinetic energy (conservation of energy; power)
- Thermal energy (temperature and heat; thermal equilibrium; heat capacity; specific heat; latent heat; thermal balance)

Electricity and Electromagnetism

- Electrostatics (forces on charged particles; Coulomb's law; electric field)
- Current, potential difference, power, and resistance
- Electrical circuits (resistors in series; resistors in parallel)
- Kirchoff's current law; Kirchoff's voltage law
- Capacitors
- Semiconductors and p-n junctions
- Electromagnetism

Waves

- The Standard Model
- Wave-particle duality
- Spectra
- Interference, refraction, and reflection of light
- Simple harmonic motion and waves
- Polarisation

COURSE ASSESSMENT

Students have to submit two assessment works. The assessments are marked at five fixed points each year, called exit points. Students will receive a grade according to Common Grading Scale.

LINKS TO FURTHER INFORMATION

https://www.sruc.ac.uk/

CHEMISTRY

LEVEL	SCQF LEVEL 7
DELIVERER	UNIVERSITY OF ABERDEEN
GROWTH SECTOR	ENERGY

PROGRESSION PATHWAY

S5/S6 pupils who are capable of working at SCQF Level 6 and show a keen interest in the subject area following discussions with Guidance Teacher

→ ACCESS COURSE IN CHEMISTRY (SCQF LEVEL 7) →

University degree courses in relevant subject area.

COURSE OUTLINE

Unit 1 – Introduction to Chemistry 20%
This unit will serve as a refresher for anyone who has had a break from study, or who wants a quick summary of important key concepts. The material covered will include: the language of chemistry, the structure of atoms and the periodic table, introductory ideas about bonding, chemical equations, and the mole concept and stoichiometry.

Unit 2 – Inorganic Chemistry 20%
This unit will build upon the concepts of unit 1, looking in more depth at some important chemistry concepts.
The topics covered are: electromagnetic radiation and atomic spectra, atomic orbitals, electronic configurations and the periodic table, transition metals.

Unit 3 – Physical Chemistry 20%
Physical chemistry uses experimental observations and quantitative methods to explain our understanding of chemical reactions and processes.
The topics covered are: chemical equilibrium, reaction feasibility and energetics, kinetics.

Unit 4 – Organic Chemistry 20%
Organic chemistry is concerned with the structure, properties, and reactions of carbon-based molecules. This includes natural products and synthetic compounds such as those of importance to the pharmaceutical industry.
The topics covered are: molecular orbitals and their relevance to structure, bonding and reactivity; synthesis of organic compounds and common functional groups; stereo chemistry and molecular structure; experimental determination of structure.

Unit 5 – Chemistry in practice
The topics covered are: common chemical apparatus, skills involved in experimental work, stoichiometric calculations, gravimetric and volumetric analysis.
Note: this course does not have a practical laboratory component. This unit is intended to give an overview of some common laboratory techniques and methods of analysis.

COURSE ASSESSMENT

Each unit will have an online assessment to be completed once of the material has been covered. Students on the course must pass each unit assessment.
The online tests will include a variety of question styles, such as multiple choice, typed in answers and calculations, uploading written or typed work.
Each of the five units will have an equal weighting and contribute to the overall final course grade.
As well as being able to demonstrate an understanding of the specific chemistry concepts in

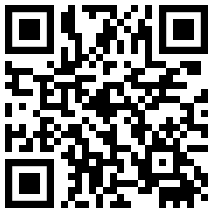
each other the five unit topics, the broader intended learning outcomes of the course are:

- Understand and apply scientific knowledge to new situations, to interpret and analyse information to solve problems and draw valid conclusions supported by evidence.
- Draw on knowledge and understanding of chemistry to make accurate statements, describe complex information, provide detailed explanations and integrate knowledge.
- Express ideas clearly and logically in writing.

LINKS TO FURTHER INFORMATION

ABZ Works – Growth Sector (Energy)

SQA Course Specification



https://abzworks.co.uk/abzcampus/