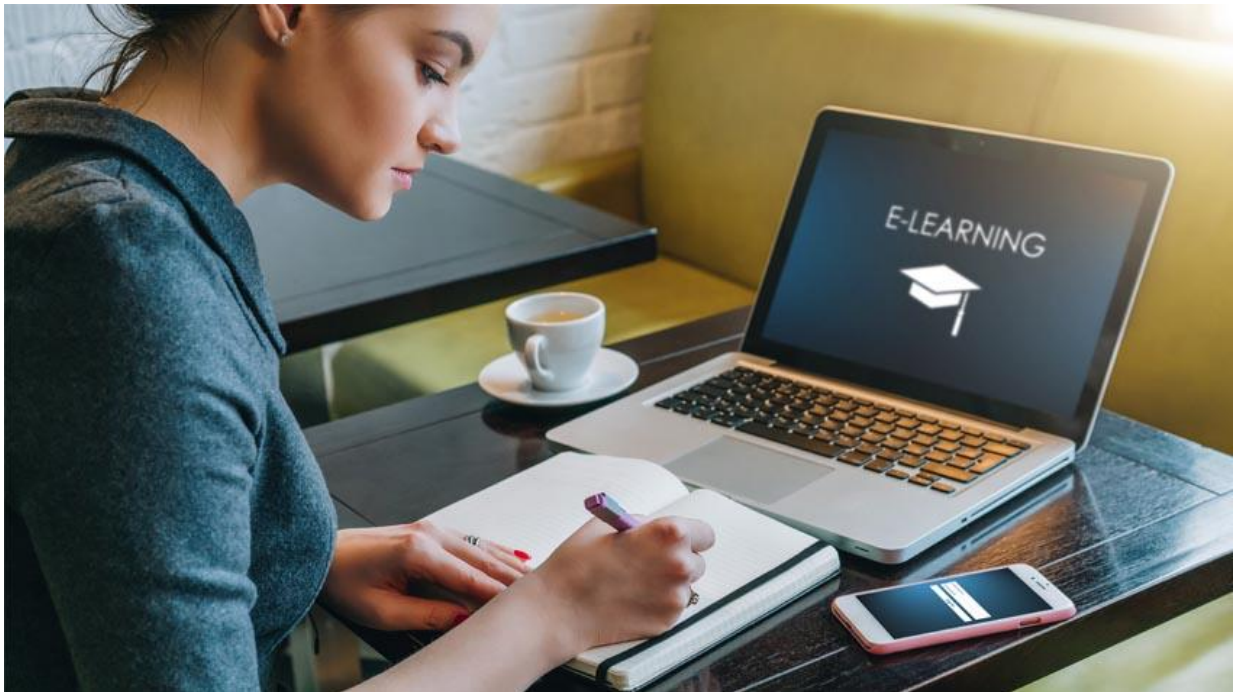


LASER E-learning Courses for Access to HE



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Unit content and sample assignments are available from LASER’s shared resources: [Elearning](#)

How to use the e-learning courses

The e-learning courses can be used in several ways:

- to supplement existing teaching with or without having to use the associated units
- to replace some taught sessions (tutor support would still be required)
- to catch-up students who may have missed sessions

Students can be registered on LASER’s ‘Znanja’ learning management system (LMS) and remotely managed by staff in Access centres, or they can be exported into existing LMS platforms within your centre (e.g. Moodle etc.). For this latter option it may require colleagues with an IT/LMS specialism to deploy courses successfully. A virtual classroom for live taught sessions is also included within our LMS.

If you need to amend the Rules of Combination (ROCs) to include a unit(s) associated with the e-learning courses, just contact the LASER Access Team for further information.

For Access to HE courses at centres approved to offer LASER Access to HE Diplomas there is **no additional cost** for using our e-learning courses, it is included within the existing student registration fee.

To use any of the courses contact the Access Office by email at accessenquiries@laser-awards.org.uk and please cc to s.watson@laser-awards.org.uk

Healthcare

Developing Professional Practice in Healthcare

Covers: requirements to be a healthcare professional in the UK, different models of reflective practice, techniques for constructing and using a personal/professional development plan.

Understanding Health and Wellbeing

Covers: Different models of health, determinants of health and risk factors, theories of, and factors affecting, wellbeing.

Understanding Health Promotion and Health Education

Covers: purpose and key elements, theoretical approaches, health education, designing communication resources.

Understanding Mental Health

Covers: definitions of mental health, factors contributing to wellbeing, types of mental illness, public policies and support services for people with mental illness.

Social Sciences

Applied Stress Management

Covers: definitions, responses, personality, physiological and psychological approaches to stress management, biological and psychological treatment techniques.

Introduction to Psychology

Covers: what is psychology; career options; social, cognitive, behavioural, psychodynamic, biological and humanistic psychology; ethics and research.

Psychology and Mental Health

Covers: approaches to definitions of 'abnormal' psychology, major disorders, the diagnosis and manifestation of mental health disorders.

Psychology of Early Socialisation

Covers: early years development, theories of attachment, anxiety, consequences of early separation, deprivation, and enrichment.

Introduction to Sociology

Covers: what is sociology, key concepts; norms, values, socialisation, status, roles & social control; theoretical perspectives, structuralists, interactionists, functionalists.

Sociology of Family

Covers: What is a family? family diversity in contemporary Britain, perspective on the family, terminology, historical changes to the family, trends, functions of the family.

Sociology of Health

Covers: Definitions of health, social construction of health and illness, social inequalities in healthcare, masculinity and men's health, recent data on the distribution of health, sociological perspectives on health and healthcare.

Social Research Methods

Covers: understanding types of research methods and terminology, evaluating methodology of two published studies, designing and justifying a research proposal.

Biology/Chemistry

Blood Circulation and Gaseous Exchange

Covers: The Cardiovascular System, Gaseous Exchange in the Lungs, electrical conduction system of the heart. Major Respiratory Diseases, Physical and chemical processes that result in the exchange of gases in the lungs.

Cells, Tissues and Organs for Healthcare

Covers: somatic cells, cellular microstructures, microscopy, specialized cell functions and stem cells, cell structure within the body, cells within specific organs, cell regeneration.

Digestion and the Liver

Covers: Understanding the human digestive system, common health issues related to digestions and the role of the liver in human metabolism.

Disease and Body Defence

Covers: the main causes of diseases, how infectious diseases are transmitted, how the body defends itself against infection.

Drugs and Food Additives

Covers: the effects of drugs, recreational drugs, food additives.

Homeostasis for Healthcare

Covers: Concept of homeostasis in the body, the layout of the endocrine system, hormones, feedback mechanisms, research report on one homeostatic system.

Musculoskeletal System

Covers: axial and appendicular skeleton, skeletal functions and movement, blood and bone marrow, Calcium and Phosphate Storage, Structure and Primary Functions of a Long Appendicular Bone, Types of Joints and Movement, Osteoarthritis and Rheumatoid Arthritis, Main Types of Muscular Atrophy, Sliding Filament Theory of Muscular Contraction.

Reproductive Biology for Healthcare

Covers: male and female reproductive anatomy, formation and release of gametes in fertilisation, embryo implantation, embryonic and placental development and birth.

Introduction to Science and the Scientific Method

Covers: the nature and purpose of science, contributions to society, scientific method.

Business Studies

Business Communication

Covers: the role of business communication, factors affecting it, purpose and merits of different methods of communication in business, presenting business information effectively.

Humanities

History: Conflict and Combat

Covers: Historical skills, Different types of historical conflict, Global war, Limited war, Civil war, Guerrilla war, Strategies employed in historical conflict, Conflict analysis, Structuring a historical argument, Alternative model for structuring a historical argument, Understanding the wider impact of historical conflict, Example of the wider impact of a historical conflict, Impact on economy, Impact on ordinary people, History and memory.

History: Hidden Voices

Covers: Finding 'hidden voices', Putting 'hidden voices' into context, evaluating why voices might be hidden, evaluating why voices might be hidden.

Prose Fiction

Covers: ways in which meanings are created, literary and linguistic terminology, context of texts, express own opinion and explain opinions of others.

Short Fiction

Covers: What is a short story? Characteristics of short stories, Literary Imagery, Literary Juxtaposition, Literary Metaphor & Similes, Literary Symbolism, Literary Symbolism, Literary Devices, Context and analysis of a short story, Images of story characters from different stories, Story structure and style, Setting, A detailed study of the story 'The Diamond as Big as the Ritz'.

Studying Literature

Covers: Texts and techniques, Characteristics of literary texts, Definitions and characteristics of a short story from various sources, Literary techniques used in short fiction, Imagery, Juxtaposition, Metaphors, Simile, Symbolism, Understanding theme and context, Prose fiction texts, Drama texts, Poems, Text Analysis.

Maths

Applied Statistics

Covers: types of statistics, analysing data, presenting data including (terminology, probability, data collection bar & pie charts, graphs, curves, histograms, scatter-plots, mean, median, mode, dispersion, standard deviation, grouped data, central tendency, frequency polygons and ethics.

Understanding and Using Mathematics (Level 2)

Part 1: Arithmetic fractions & decimals

Covers: The concept of numbers and their use and be able to carry out basic numerical operations and apply these processes to everyday practical problems - includes arithmetic (addition, subtraction, multiplication, division); fractions and decimals

Part 2: Proportions, percentages, rules of order, algebra, geometry, and data

Covers: the origins and uses of algebra, use algebraic rules to find unknown quantities and solve simple and useful equations; use simple, practical, geometry to find lengths, areas and volumes using the correct units; recognise, interpret and present data in graphs and tables to illustrate information and draw conclusions.

Study Skills	Level/s
Giving a Presentation to an Audience Covers: Planning, delivering, and reflecting on a presentation	3
Independent Academic Study Guide (6 Credits) Covers: Identifying justifying, designing, researching, organising, consider findings, present and evaluation of an academic study	3
Looking After Your Mental Health Whilst Studying Covers: definitions of mental health/ill health/wellbeing; recognising poor mental health; signs and symptoms and the possible impact of studying; identifying self-care, how to support others; producing an action plan to support mental wellbeing.	3
NEW Numeracy in a Health Context (in development)¹ Covers: applying the four rules of number; decimals, fractions and percentages; using a calculator to solve problems and appropriate tools to check answers.	2
Preparing for and Taking Written Exams Covers: aims and purpose of exams, attitude and past experiences, Revision (time management, notes) memory, using, past papers, stress management, types of exams, types of questions (multiple choice, short answers, essays), taking an exam.	3
NEW Professional Behaviours: Nursing and Health Professions² Covers: characteristics required to be a health professional; effective communication and teamworking skills; managing risk and dealing with problems; personal and professional development plans	3
Skills for Academic Study – Essay Writing Covers: essay question types, academic conventions and styles; essay planning and mind maps; essay structure (including introductions, main body, signposting, conclusions); referencing skills and avoiding plagiarism.	2 or 3
Skills for Academic Study – Research Covers: preparing and planning; finding information by type (written web/digital); using information (validity, bias, fact); reading techniques; note-taking.	2 or 3
Skills for Academic Study – Writing Part 1 Covers: sentences; nouns; plurals; verbs; adverbs; homophones, spelling; punctuation (commas, apostrophes, and a brief look at colons, semi-colons & speech marks).	2 or 3
Skills for Academic Study – Writing Part 2 Covers: similes, puns, idioms, oxymorons, alliteration, hyperbole, figurative speech, persuasive writing techniques, proof reading.	2 or 3

For further information please contact: Sue Watson, Head of Access, s.watson@laser-awards.org.uk

¹ For use on the QAA Subject Descriptor for Nursing

² For use on the QAA Subject Descriptor for Nursing