

DEGREE OF GRADUATE APPRENTICESHIP IN BACHELOR OF ENGINEERING IN CIVIL ENGINEERING

(07H20152)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Degree of Bachelor of Engineering

This programme is only available to students on the approved Graduate Apprenticeship

PROGRAMME YEAR 1 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PD 1002	Getting Started at the University of Aberdeen	0			
ED 10A4	Graduate Apprenticeship Introductory Mathematics	15	EG 15G3	Professional Development 1	15
EG 10G1	Principles of Electronics	15	EG 15G2	Fundamental Engineering Mechanics	15
EG 10G2	CAD and Communications in Engineering Practice	15	ED 15M1	Graduate Apprenticeship Engineering Maths 1	15
EG 10G3	Fundamentals of Engineering Materials	15	EG 19G1	Introduction to Projects and Project Costing	15

PROGRAMME YEAR 2 – 120 Credit Points					
First Half Session			Second Half Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EG 20G1	Fluid Mechanics and Thermodynamics	15	EG 25G1	Solids and Structures	15
EG 20G2	Process Engineering	15	EG 25G2	Electrical and Mechanical Systems	15
EG 20G3	Engineering Maths 2	15	EG 25G3	Design and Computing	15
EG 20G4	Professional Development 2	15	EG 25G5	Professional Development 3	15

PROGRAMME YEAR 3 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EG 30G2	Engineering Analysis and Methods				15
EG 30G3	Work-Based Learning 1	25	EG 35G1	Work-Based Learning 2	25
			EG 35G2	Design of Structural Elements	15
EG30G4	Fluid Mechanics	15	EG 38G1	Geotechnics	15
			EG 38G2	Work-Based Learning 3	10

PROGRAMME YEAR 4 – 120 Credit Points					
First Half-Session			Second Half-Session		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
EG40G1	BEng Graduate Apprenticeship Individual Project				30
EG40G2	Geotechnics 2	10	EG45G2	Graduate Apprenticeship Group Design Project (BEng)	15
EG40G3	Civil Engineering Hydraulics	10	EG45G3	Advanced Structural Analysis	15
EG40G4	Advanced Structural Design	10	EG45G4	Environmental Engineering	15
EG40G5	Professional Development 4	15	EG45G5	Professional Development 5	15

PLEASE SEE OVER →

Notes

1.	This programme will be submitted for accreditation by the Institution of Civil Engineers (ICE), the Institution of Structural Engineers (IStructE), the Institute of Highway Engineers (IHE) & the Chartered Institution of Highways & Transportation (CIHT) as partially satisfying the educational base for a Chartered Engineer (CEng). A programme of accredited Further Learning will be required to complete the educational base for CEng. It is intended that this programme would fully satisfy the educational base for Incorporate Engineer (IEng) registration.
2.	Candidates seeking Advanced Entry to the Junior Honours programme must have accumulated, by award or recognition, or been exempted from, at least 240 credit points at levels 1 and 2, including those compulsory courses required to enter programme year 3. If missing one compulsory course which is a pre-requisite course for level 3, Head of School approval will be required to progress into Junior Honours, if approval is not granted students would progress onto programme year 2 of the programme.