

TUOLE HNC/D COURSE STRUCTURES

HNC Chemical Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1015ODL-N	Fluid Mechanics	4
	1013ODL-N	Heat Transfer and Combustion	4
	1007ODL-N	Mass and Energy Balance	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1026ODL-N	Analytical Instrumentation	4
	1003ODL-N	Materials Engineering	4
	1002ODL-N	Measurement of Process Variables	4

HND Chemical Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2009ODL-N	Mass Transfer Operations	5
	2004ODL-N	Project (30 credits)	5
	2013ODL-N	Control Systems & Automation	5
OPTION	2019ODL-N	Petroleum Processing Engineering	5
	2005ODL-N	Plant Services	5
	2003ODL-N	Safety Engineering	5
	2002ODL-N	Statistical Process Control	5

HNC Electrical & Electronic Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1011ODL-N	Electrical and Electronic Principles	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1023ODL-N	Programmable Logic Controllers	4
	1000ODL-N	Microprocessor Systems	4
	1025ODL-N	Electrical Machines	4
	1026ODL-N	Analytical Instrumentation	4

HND Electrical & Electronic Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2013ODL-N	Control Systems & Automation	5
	2004ODL-N	Project (30 credits)	5
OPTION	2015ODL-N	Analogue Electronics	5
	2014ODL-N	Combinational and Sequential Logic	5
	2011ODL-N	Electrical Power Systems	5
	2008ODL-N	Operational Amplifiers	5
	2003ODL-N	Safety Engineering	5
	2002ODL-N	Statistical Process Control	5
	2001ODL-N	Sustainable Electrical Energy Supply	5

HNC Instrumentation and Control Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1012ODL-N	Instrumentation & Control Principles	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1026ODL-N	Analytical Instrumentation	4
	1024ODL-N	Applications of Pneumatics and Hydraulics	4
	1025ODL-N	Electrical Machines	4
	1000ODL-N	Microprocessor Systems	4
	1023ODL-N	Programmable Logic Controllers	4

HND Instrumentation and Control Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2017ODL-N	Advanced Control Principles	5
	2004ODL-N	Project (30 credits)	5
OPTION	2015ODL-N	Analogue Electronics	5
	2014ODL-N	Combinational and Sequential Logic	5
	2011ODL-N	Electrical Power Systems	5
	2008ODL-N	Operational Amplifiers	5
	2005ODL-N	Plant Services	5
	2003ODL-N	Safety Engineering	5
	2002ODL-N	Statistical Process Control	5

HNC Mechanical Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1001ODL-N	Mechanical Principles	4
	1014ODL-N	Fundamentals of Thermodynamics and Heat Engines	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1024ODL-N	Applications of Pneumatics and Hydraulics	4
	1015ODL-N	Fluid Mechanics	4
	1013ODL-N	Heat Transfer and Combustion	4
	1003ODL-N	Materials Engineering	4
	1023ODL-N	Programmable Logic Controllers	4

HND Mechanical Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2016ODL-N	Advanced Mechanical Principles	5
	2004ODL-N	Project (30 credits)	5
OPTION	2013ODL-N	Control Systems & Automation	5
	2005ODL-N	Plant Services	5
	2002ODL-N	Statistical Process Control	5
	2003ODL-N	Safety Engineering	5

HNC Process Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1012ODL-N	Instrumentation & Control Principles	4
	1014ODL-N	Fundamentals of Thermodynamics and Heat Engines	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1024ODL-N	Applications of Pneumatics and Hydraulics	4
	1026ODL-N	Analytical Instrumentation	4
	1015ODL-N	Fluid Mechanics	4
	1013ODL-N	Heat Transfer and Combustion	4
	1002ODL-N	Measurement of Process Variables	4
	1023ODL-N	Programmable Logic Controllers	4

HND Process Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2017ODL-N	Advanced Control Principles	5
	2002ODL-N	Statistical Process Control	5
	2003ODL-N	Safety Engineering	5
	2005ODL-N	Plant Services	5
	2004ODL-N	Project (30 credits)	5

HNC Petroleum Engineering			Level
CORE	1017ODL-N	Engineering Maths	4
	1016ODL-N	Engineering Science	4
	1018ODL-N	Engineering Design	4
	1007ODL-N	Mass and Energy Balance	4
	1027ODL-N	Petroleum Production Engineering	4
	1009ODL-N	Managing a Professional Engineering Project	4
OPTION	1024ODL-N	Applications of Pneumatics and Hydraulics	4
	1015ODL-N	Fluid Mechanics	4
	1014ODL-N	Fundamentals of Thermodynamics and Heat Engines	4
	1013ODL-N	Heat Transfer and Combustion	4
	1012ODL-N	Instrumentation and Control Principles	4

HND Petroleum Engineering			Level
HNC plus:			
CORE	2010ODL-N	Further Maths	5
	2006ODL-N	Professional Engineering Management	5
	2019ODL-N	Petroleum Processing Engineering	5
	2002ODL-N	Statistical Process Control	5
	2003ODL-N	Safety Engineering	5
	2018ODL-N	Petroleum Refinery Engineering	5
	2004ODL-N	Project (30 credits)	5

NEW HNC/D PROGRAMMES

The HNC/D Awarding Body, Pearson, have recently changed the structure of these Awards and we have had to change ours to suit. The most significant impact of the change is that, under the new scheme, the HNC will only consist of Level 4 modules, rather than being a mixture of Level 4 and Level 5. Once you have a HNC you will then be able to enrol onto a HND where all the modules will be at Level 5.

Students enrolling on our HND programmes after 1st August 2019 will be enrolled onto the new programmes. Students who have completed an old style HNC will be able to enrol on a new style HND from the same date, with appropriate credit being given for the mixture of Level 4 and 5 modules already studied.

The HNC consists of 8 modules. Once you have studied the HNC, the HND requires an additional 7 modules (the Project is 30 credits where all the others are 15).

IMPORTANT INFORMATION: Please note students **MUST** complete a minimum of 30 credits (two modules) per year as measured from the anniversary of your enrolment date. You have 4 Years to complete the 8 modules of your HNC or the 7 additional modules for your HND. Your Pearson registration is for a maximum period of 5 years; this allows 1 Year for unforeseen eventualities and you must complete your programme of study within this timeframe.

All students, although registered with Pearson for a period of 5 years will have to re-enrol via e-vision each year on the anniversary of their initial enrolment with the University, you will receive an email to your University email account from the Student Records Department when this is due and you must act upon the instructions immediately. **Failure to accept the University Regulations by completing your re-enrolment will result in your enrolment status reverting to 'Did Not Enrol' two weeks after your re-enrolment date. Your University Password will then be blocked and you will not have access to your blackboard account and e-vision.** There is no cost for the yearly re-enrolment.