



# Course Information **HNC IN ENGINEERING**

This Course Information document must be read in conjunction with the 'TESA Handbook', a copy of which can be found here -

https://www.theengineeringtrust.org/tesa/course\_downloads/

## Course Content (Sept 2024)

Engineering Maths Engineering Science Quality & process improvement Electrical principles Electro, Pneumatic and Hydraulic Systems Industry 4.0 Professional Engineering Practice Engineering Mechanics & Materials Each unit is worth 15 credits.

### **Course** Aims

Your HNC course is for people employed within Engineering companies and as such, is taught with a particular focus on application into the workplace. It will develop your knowledge within a variety of engineering fields, vital for your role and progression within your employment. The course develops mathematical, scientific, and logical thinking skills, learning the theory that underpins your day-to-day work, better equipping you to tackle an array of engineering problems in different ways and developing your ability to operate at a high level.

#### LEARNING RESOURCES – HN GLOBAL

HN Global is an online resource that supports you and helps us, your training provider to plan and deliver Pearson BTEC Higher Nationals. It provides appropriate teaching and learning resources and is a toolkit that supports the delivery, assessment and quality assurance of the qualification.

The HN Global website is available at <u>www.highernationals.com</u>.

With HN Global, you can search, share, comment, rank and sort a vast range of learning resources via an online digital library whilst your course lecturer can create and annotate reading lists for you.

# **Course Information. HNC IN ENGINEERING**

#### **GRADING FOR PEARSON BTEC HIGHER NATIONAL UNITS**

the highest level for which you are judged to have met all the criteria.

Assessment decisions for Pearson BTEC Higher Nationals are based on the specific criteria given in each unit and set at each grade level. Assessors must show how they have reached their decisions using the criteria in the assessment records. When you have completed all the assignments within a unit, then the assessment team will evaluate the evidence and recommend the grade for the unit. This grade is subject to verification by the awarding body, Pearson. The grade given is calculated according to

#### SUMMARY OF GRADES

#### Pass

You must have satisfied all the Pass criteria for the learning outcomes, showing coverage of the unit content and therefore attainment at Level 4 or 5 of the national framework.

#### Merit

You must have satisfied all the Merit criteria (and therefore the Pass criteria) through high performance in each learning outcome.

#### Distinction

You must have satisfied all the Distinction criteria (and therefore the Pass and Merit criteria), and these define outstanding performance across the unit as a whole. **Unclassified** 

The award of a Pass grade is a defined level of performance and is not given solely based on completing assignments. If you do not satisfy the Pass criteria, then you will be recorded as Unclassified. Unclassified grades may be permitted a resubmission, subject to approval.

#### CONDITIONS FOR THE AWARD

To achieve a Pearson BTEC Higher National Certificate qualification you must have completed units equivalent to 120 credits at level 4

You can still be awarded the qualification if you have not achieved a minimum of a Pass in 1 of the units but have otherwise fulfilled all the above conditions.

The calculation of the overall qualification grade is based on your performance in all units to the value of 120 points (per unit). You are awarded a Pass, Merit or Distinction qualification grade using the points gained through all units.

- All units in valid combination must be attempted (120 credits)
- At least 105 credits must be Pass or above (7 of the 8 units)
- All 120 credits (units) count when calculating the grade

Points per grade per each unit of size 15 credits				
Unclassified	Pass (P)	Merit (M)	Distinction	
0	60	90	120	

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Qualification Grade Point Boundaries				
Unclassified	Pass (P)	Merit (M)	Distinction	
0	420 - 599	600 - 839	840+	

#### SUBMISSION OF ASSIGNMENTS (EVIDENCE)

Please see the TESA Handbook for information regarding the submission of assignments.

#### RESUBMISSIONS

If your first submission of an assignment has failed to achieve a Pass and the course lecturer judges that you will be able to provide improved evidence without further guidance then you may be invited to resubmit an assignment. Please note;

- Only one opportunity for reassessment of the unit will be permitted
- Reassessment for course work, project or portfolio-based assessments shall normally involve the reworking of the original activity
- For examinations, reassessment shall involve completion of a new activity
- If you undertake a reassessment your grade will be capped at a Pass for that unit
- You will not be entitled to be reassessed in any component of assessment for which a Pass grade or higher has already been awarded.

#### **REPEAT OF A UNIT**

This is possible following the below conditions are met. Please be aware that the requirement to repeat a unit will have a financial cost associated to it and may affect the duration of your apprenticeship.

If, your first submission of an assignment has failed and the resubmission opportunity, still failed to achieve a Pass for that unit specification then you may be eligible to repeat the unit.

Please not;

- The option to repeat is at our discretion and will take into consideration a number of different factors such as cost, employer feedback, course lecturer feedback.
- If permitted to repeat, you must study the unit again with full attendance.
- The overall unit grade for a successfully completed repeat unit is capped at a Pass for that unit.
- Units can only be repeated once.