

EESW Project 2026-27 Assessment Criteria



The aim of the assessment procedure is to provide feedback to the students by indicating the level of achievement under each of the criteria.

Teams are assessed on the following 10 categories and marks are awarded from 1 to 5 as indicated below (with 5 being the highest). An average achievement equates to 3 marks and the two marks either side indicate performance levels above and below average.

Score	Description	Score	Description
0-1	Good start but much more structured work needed	3-4	Very good work so far, with only a few minor improvements it will meet all the requirements
2	Good , has the right foundations but needs further development	5	Excellent , has addressed or exceeded all the key requirements

PROJECT PROCESS & ANALYSIS		Mark
Analysis of Problem		
Can they explain the project brief and aims clearly?		/5
Planning and Project management		
- Was the project well planned, organised and methodical? - Did the team divide tasks equally and show evidence of good project management?		/5
Research and Technical knowledge		
- Was effective research carried out during the project? - Did they demonstrate an understanding of engineering/scientific knowledge?		/5
Solutions considered and refinement		
- Were multiple solutions considered? - What tests and evaluations were used? Were they appropriate?		/5
PROJECT OUTCOMES		
Final outcomes and reporting		
- How well does the project achieve the aims of the brief? - Were any models/prototypes or drawings/designs of the solution produced? - Did the team fully evaluate the final solution?		/5
Impact & Success		
- Have they considered any further plans for future development? - Has the team convinced you that their project is successful?		/5
Commercial, Social & Environmental implications		
Did the team show awareness of any commercial, social, environmental or safety implications?		/5
PERSONAL SKILLS		
Challenges		
How did the team cope with problems and challenges?		/5
Written report		
- Is the final report well presented (including writing skills)? - Has it concisely set out the process undertaken?		/5
Presentation		
- Does the students' enthusiasm come across? - Did the students clearly articulate all aspects of the project?		/5
TOTAL SCORE:		/50

Prosiect EESW 2026-27 Meini Prawf Asesiad



Amcan y weithdrefn asesu yw rhoi adborth i'r myfyrwyr trwy nodi lefel y cyflawniad o dan bob un o'r meini prawf.

Caiiff timau eu hasesu yn unol â'r deg categori canlynol ac maen nhw'n cael marc rhwng 1 a 5 fel y nodir isod (5 yw'r marc uchaf). Mae cyflawniad cyfartalog yn gyfystyr â 3 marc ac mae un marc yn fwy neu'n llai na hynny yn dynodi lefelau perfformiad sy'n uwch neu'n llai na'r cyfartaledd.

Sgôr	Disgrifiad	Sgôr	Disgrifiad
0-1	Dechrau da ond mae angen llawer mwy o waith strwythuredig	3-4	Gwaith da iawn hyd yn hyn, gyda dim ond ychydig o fân welliannau bydd yn cwrdd â'r holl ofynion
2	Da , mae ganddo'r sylfeini cywir ond mae angen ei ddatblygu ymhellach	5	Ardderchog , wedi mynd i'r afael â'r holl ofynion allweddol neu wedi rhagori arnynt

PROSES A DADANSODDIAD Y PROSIECT		Marc
Dadansoddiad o'r Broblem		/5
A allan nhw egluro briff a nodau'r prosiect yn glir?		
Cynllunio a Rheoli Prosiect		/5
- A oedd y prosiect wedi'i gynllunio'n dda, yn drefnus ac yn drefnus? - A wnaeth y tîm rannu tasgau yn gyfartal a dangos tystiolaeth o reoli prosiect yn dda?		
Gwybodaeth Ymchwil a Thechnegol		/5
- A wnaed ymchwil effeithiol yn ystod y prosiect? - A wnaethant ddangos dealltwriaeth o wybodaeth beirianyddol / wyddonol?		
Datrysiaidau yn cael eu hystyried a'u mireinio		/5
- A ystyriwyd atebion lluosog? - Pa brofion a gwerthusiaidau a ddefnyddiwyd? Oedden nhw'n briodol?		
DEILLIANNAU PROSIECT		
Canlyniadau terfynol ac adrodd		/5
- Pa mor dda y mae'r prosiect yn cyflawni nodau'r briff? - A gynhyrchwyd unrhyw fodelau / prototeipiau neu luniadau / dyluniadau o'r datrysiad? - A wnaeth y tîm werthuso'r datrysiad terfynol yn llawn?		
Effaith a Llwyddiant		/5
- A ydyn nhw wedi ystyried unrhyw gynlluniau pellach ar gyfer datblygu yn y dyfodol? - A yw'r tîm wedi eich argyhoeddi bod eu prosiect yn llwyddiannus?		
Goblygiadau masnachol, cymdeithasol ac amgylcheddol		/5
A ddangosodd y tîm ymwybyddiaeth o unrhyw oblygiadau masnachol, cymdeithasol, amgylcheddol neu ddiogelwch?		
SGILIAU PERSONOL		
Heriau		/5
Sut wnaeth y tîm ymdopi â phroblemau a heriau?		
Adroddiad ysgrifenedig		/5
- A yw'r adroddiad terfynol wedi'i gyflwyno'n dda (gan gynnwys sgiliau ysgrifennu)? - A yw wedi nodi'r broses a gynhaliwyd yn gryno?		
Cyflwyniad		/5
- A yw brwdfrydedd y myfyrwyr yn dod ar draws? - A wnaeth y myfyrwyr fynegi pob agwedd ar y prosiect yn glir?		
		CYFANSWM Sgôr: /50