An Chomhairle Mhúinteoireachta
The Teaching Council

Covid-19 Amendment Regulation (CAR)
Subject Declaration Form

Engineering

This Subject Declaration Form allows you to match your degree (and other qualifications if applicable) against the Teaching Council's curricular subject requirements. You must meet the requirements for at least one curricular subject in order to be eligible for registration as a Post-primary teacher, having also completed a programme of Post primary initial teacher education that meets the Council's requirements.

This declaration form should be completed, printed and signed by persons applying for registration as a Post-primary teacher under CAR and forwarded with the CAR-01 (COVID-19 Amendment Regulation) Application Form.

You should complete a subject declaration form for each subject for which you are seeking Teaching Council registration.

The requirements for the curricular subject **Engineering** are set out on page 2.

For details of all other curricular subjects **click here**.

Any material errors or misleading declarations made on this form may result in refusal of registration.

Based on this declaration form, your transcripts relating to the curricular subject sought and the transcripts of your initial teacher education qualification, the Teaching Council will confirm if, you will be eligible to register as a Post-primary teacher and which curricular subject(s) will be recorded on the Register of Teachers.

The information you provide on this form is a guide only and will be used to inform the Council's assessment process. The final decision on the suitability of content and credits allocated will be made by the Teaching Council. You will be registered for the curricular subject(s) for which you meet the requirements in full. If you do not meet the requirements in full for any subject you may be registered for the subject for which you are closest to meeting requirements (subject to conditions) as determined by the Council.

*In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Engineering, an applicant must meet **all** of the following criteria:*

1

(a) Applicants must hold a degree-level qualification, with Engineering studied up to and including third-year level or higher (or modular equivalent).

(b) The qualifying degree must be equivalent to at least Level 8 on the National Framework of Qualifications (NFQ) and with a minimum pass[1] result in all examinations pertinent to the subject of Engineering.

(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Engineering comprising at least 60 ECTS credits (or equivalent) and with not less than 10 ECTS credits (or equivalent) studied at third-year level or higher (or modular equivalent).

2

The study of Engineering during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Engineering syllabus[2] to the highest level in post-primary education (see **www.curriculumonline.ie**). To meet this requirement the degree must include the study of all of the following:

(a) Product Design and Realisation[3]

(b) Materials Technology and Processing including Decorative and Finishing Techniques[4]

(c) Power, Energy and Control[5]

(d) Information and Communications Technology (as applicable to Engineering) (e) Structural & Mechanical Systems

3

Applicants must also have completed a programme of post-primary initial teacher education (age range 12-18 years) in which the theory, methodology and practice of teaching Engineering forms the central aspect. It must include a detailed knowledge of the Health & Safety requirements and associated pedagogical approaches.

Metalwork and Technology (Junior Cycle)

An applicant who meets the registration criteria for Engineering will also be deemed to have acquired the competency to teach the Junior Cycle curricular subject of Metalwork.

1 which includes pass by compensation.

2 as approved by the Minister for Education and Skills, and published by the National Council for Curriculum and Assessment (NCCA).

3 This must include engagement with the design and realisation of artefacts to include the integration of mixed technologies, and the use of associated graphic communication techniques and Computer Aided Design.

4 This must include material sciences and the development of skills in the processing of a variety of materials and associated metrologies, including the use of Computer Aided Manufacture. A particular focus on Health & Safety must be demonstrated.

5 This must include engagement with control systems which incorporates electronic, pneumatic and computer control.

Name:

Address:

Date of Birth: DD/MM/YYYY

PPS Number:

Phone No:

Mobile No:

Email:

Degree Title:

Degree Awarding Body:

Year of award:

Other Relevant Qualification(s) in Engineering (if applicable):

Title of qualification	Awarding Body	Year of Award

Please answer questions 1-5 below and insert module code(s), module title(s) and ECTS credit values as required.		
1	Is your degree equivalent to a least a Level 8 on the Irish National Framework of Qualifications (NFQ)?	Yes ☐ No ☐
2	Does your degree carry a minimum of 180 ECTS credits (or equivalent)?	Yes ☐ No ☐
3	Do your studies in Engineering carry a minimum of 60 ECTS credits (or equivalent)?	Yes ☐ No ☐
4	Do your studies in Engineering include the study of not less than 10 ECTS credits (or equivalent) at third-year level or higher (modular equivalent)?	Yes ☐ No ☐
5	Do your studies in Engineering include the study of all of the following:	
	(a) Product Design and Realisation	Yes ☐ No ☐
	(b) Materials Technology and Processing including Decorative and Finishing Techniques	Yes ☐ No ☐
	(c) Power, Energy and Control	Yes ☐ No ☐
	(d) Information and Communications Technology (as applicable to Engineering)	Yes ☐ No ☐
	(e) Structural & Mechanical Systems	Yes ☐ No ☐

In relation to questions 3, 4 and 5 above, please list below the code(s), title(s) and ECTS credit values for each module studied.

Essential Areas of Study

Area of Study: **Product Design and Realisation**		
Module Code	**Module Title**	**ECTS Credit Value**

Area of Study: **Materials Technology and Processing including Decorative and Finishing Techniques**		
Module Code	**Module Title**	**ECTS Credit Value**

Area of Study: **Power, Energy and Control**		
Module Code	**Module Title**	**ECTS Credit Value**

Area of Study: **Information and Communications Technology (as applicable to Engineering)**		
Module Code	**Module Title**	**ECTS Credit Value**

Area of Study: **Structural & Mechanical Systems**		
Module Code	**Module Title**	**ECTS Credit Value**

Area of Study: **Other**		
Module Code	**Module Title**	**ECTS Credit Value**

Total ECTS Credits in Engineering	

I declare that I have completed the studies in **Engineering** as set out above and that the details that I have entered in the tables above are true and accurate to the best of my knowledge.

Name:

Date: DD/MM/YYYY

Signature:

IMPORTANT

This declaration form should be returned to the Teaching Council with the CAR Amendment Regulation Application Form (CAR-01).