

Name of HEI

An Chomhairle  
Mhúinteoireachta



**The Teaching Council**

## **Subject Specification Form (SSF)**

# **Technology**

**For the submission of programmes  
for review and professional  
accreditation by the Teaching  
Council (concurrent post-primary  
programmes only)**

**A Subject Specification Form must be submitted for  
each post-primary curricular subject included in the  
accreditation application.**

# Technology

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

- 1**
  - (a) Technology must be studied in the degree 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 result in all examinations pertinent to the subject of Technology.
  - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Technology comprising at least 60 ECTS credits (or equivalent).

- 2** The study of Technology during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Technology syllabus/specification to the highest level in post-primary education (see [www.curriculumonline.ie](http://www.curriculumonline.ie)).

To meet this requirement the degree must include the study of all of the following:

- a) Health & Safety<sup>1</sup>
- b) Product Design and Manufacture<sup>2</sup>
- c) Materials Technology and Processing<sup>3</sup>
- d) Applied Electronic and Control Systems<sup>4</sup>
- e) Information and Communications Technology
- f) Manufacturing Systems<sup>5</sup>
- g) Structural & Mechanical Systems

- 1 This must include the development of knowledge and skills in relation to identification of hazards, assessment of risk and the safe management of a classroom/work environment.
- 2 This must include engagement with the design of artefacts to include the integration of mixed technologies, the development of knowledge and skills, and the use of associated graphic communication techniques and Computer-Aided Design.
- 3 This must include the development of skills and best practice in the safe processing of a variety of materials. Particular focus should be placed on material properties, performance, and processing requirements. The study of Computer-Aided Manufacture should be included.
- 4 This must include engagement with applied electronic and control systems suitable for use in the second level educational system.
- 5 This must include project and quality management.

# Technology

Please answer the questions below and insert module code(s), module title(s) and ECTS credit values as required.

<b>1</b>	Is the degree equivalent to a least a Level 8 on the Irish National Framework of Qualifications (NFQ) with Technology studied up to and including third-year level or higher (or modular equivalent)?	<b>Yes</b>	<b>No</b>
<b>2</b>	Does the degree carry a minimum of 180 ECTS credits (or equivalent)?	<b>Yes</b>	<b>No</b>
<b>3</b>	Does the study of Technology carry a minimum of 60 ECTS credits (or equivalent)?	<b>Yes</b>	<b>No</b>
<b>4</b>	Does the study of Technology show that the graduate has acquired sufficient knowledge, skills and understanding to teach the Technology syllabus/specification to the highest level in post-primary education (see <a href="http://www.curriculumonline.ie">www.curriculumonline.ie</a> )?	<b>Yes</b>	<b>No</b>
<b>5</b>	Does the study of Technology include the study of ALL of the following essential areas?		
	a) Health & Safety	<b>Yes</b>	<b>No</b>
	b. Product Design and Manufacture	<b>Yes</b>	<b>No</b>
	c. Materials Technology and Processing	<b>Yes</b>	<b>No</b>
	d. Applied Electronic and Control Systems	<b>Yes</b>	<b>No</b>
	e. Information and Communications Technology	<b>Yes</b>	<b>No</b>
	f. Manufacturing Systems	<b>Yes</b>	<b>No</b>
	g. Structural & Mechanical Systems	<b>Yes</b>	<b>No</b>

# Technology

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

## Essential Areas of Study

Area of Study:

### Health & Safety

Module Code	Module Title	ECTS Credit Value

Area of Study:

### Product Design and Manufacture

Module Code	Module Title	ECTS Credit Value

**Area of Study:**

**Materials Technology and Processing**

Module Code	Module Title	ECTS Credit Value

**Area of Study:**

**Applied Electronic and Control Systems**

Module Code	Module Title	ECTS Credit Value

**Area of Study:**

**Information and Communications Technology**

Module Code	Module Title	ECTS Credit Value

**Area of Study:**  
**Manufacturing Systems**

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 Technology**