



CERTIFICATE SUPPLEMENT *

1. TITLE OF THE CERTIFICATE (EN)

Advanced Certificate Craft - Toolmaking

2. TRANSLATED TITLE OF THE CERTIFICATE (EN)

Advanced Certificate Craft - Toolmaking

This translation has no legal status.

3. PROFILE OF SKILLS AND COMPETENCES

To be awarded this certificate the holder will have demonstrated formally through a process of assessment, administered both on and off the job, an ability to:

- Comply with national building regulations and with national legislation related to health, safety and welfare at work and protection of the environment
- Interpret engineering drawings and specifications to determine the layout and dimensions of production tooling, also the types and quantities of materials required to manufacture and assemble them
- Plan the sequence of operations, select and use materials; machine tools and hand tools; precision measuring equipment; metal cutting, forming, joining and welding equipment; and work techniques that are appropriate to manufacture of production tooling suitable for the mass production of polymer and metal products, for example, press tools, punches, dies, forming tools, moulds, jigs, fixtures and gauges
- Use CAD/CAM software to generate CNC part programmes; set up and use CNC machine tools and CNC EDM processes; use co-ordinate measuring equipment
- Work alone or as part of a team to ensure that project deadlines are met

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

- Toolmaker

* **Explanatory note:** This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers. More information on transparency is available at: www.cedefop.eu.int/transparency © European Communities 2002

5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the body awarding the certificate</p> <p>Further Education and Training Awards Council (FETAC)</p> <p>FETAC is the single statutory national awarding body for further education and training in Ireland.</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Further Education and Training Awards Council East Point Plaza, East Point Business Park, Dublin 3, Ireland T: +353-1-8659500 F: +353-1-8650067 Web: http://www.fetac.ie/ Email: information@fetac.ie</p>
<p>Level of the certificate (national or international)</p> <p>This Certificate is a Major award at Level 6 in the Irish National Framework of Qualifications</p>	<p>Grading scale / Pass requirements</p> <p>A Pass Grade is awarded if all the skill and knowledge assessments were passed.</p> <p>A Merit Grade is awarded if the pass standard is exceeded.</p> <p>A minimum score of 70% is required to pass knowledge assessments</p> <p>All essential criteria must be demonstrated to pass skills assessments.</p>
<p>Access to next level of education/training</p> <p>This Certificate may provide access and transfer to other awards at Level 6 in the Irish National Framework of Qualifications and or progression to awards at a higher framework level.</p>	<p>International agreements</p> <p>The Irish and United Kingdom awarding and qualifications authorities have concluded an exercise to enable broad comparisons to be drawn between qualifications and their levels in Ireland, Scotland, England, Wales and Northern Ireland</p>
<p>Legal basis</p> <p>Qualifications (Education & Training) Act 1999; Industrial Training Act 1967; Apprenticeship Act 1959</p>	

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Statutory Apprenticeship System and the Advanced Certificate

The Statutory Apprenticeship System is the recognised means by which people are trained to become proficient in over twenty designated craft occupations in Ireland. Apprenticeship training is organised and controlled by FAS (the National Training and Employment Authority) in co-operation with the Department of Education and Science.

Apprenticeship training is based on pre-defined standards developed jointly by education and training providers and industry partners.

Training generally lasts for **4 years**, and is structured in seven alternating phases. Four of these training phases are delivered on-the-job by employers and three are delivered off-the-job by State funded training centres or colleges.

Successful completion of each phase is mandatory and is measured through formal assessments of skill and knowledge. It is the accumulation of the results of these assessments that lead to the award of the Advanced Craft Certificate.

Entry requirements

Those entering into apprenticeship training must be at least 16 years of age and have passed the Junior Certificate examination administered by the State Examinations Commission or a comparable examination (National Framework of Qualifications Level 3).

Additional information

More detailed information about Europass, FETAC, and the National Framework of Qualifications is set out on the following pages.



EUROPASS

Background to Europass

Europass was established in 2004 by a Decision of the European Parliament and the Council on a single transparency framework for qualifications and competences. Europass aims to facilitate the mobility of European learners and workers by making their skills and qualifications more easily understood.

Europass consists of a portfolio of five standardised documents:

- Europass Curriculum Vitae
- Europass Language Passport
- Europass Mobility
- Europass Diploma Supplement
- Europass Certificate Supplement

Each of the documents has been designed in such a way as to help people chronicle their skills and competences in a coherent manner, whether they are planning to enrol in a programme of education and training, looking for a job, or getting experience abroad.

What is the Europass Certificate Supplement?

The document that you are currently reading is a Europass Certificate Supplement. It is made available to individuals who hold a further education and training award certificate by the body that issued the award certificate.

The Europass Certificate Supplement aims to make the award certificate more easily understood, especially by employers and learning institutions by providing information that is additional to that provided on their award certificate. In the main, this information relates to -

- the awarding status of the body that issued the award
- the skills and competences acquired by ALL holders of the award
- the level of the award in the national awarding system
- the typical entry requirements to programmes that lead to the award
- the typical employment or learning opportunities that are accessible to holders of the award

Who will benefit from the information provided in the Europass Certificate Supplement?

The information provided in the Europass Certificate Supplement will benefit award holders, employers, education and training providers and guidance counsellors:

- award holders will be able to communicate their qualifications and competences in an effective way
- employers will find the qualifications and competences of job-seekers easier to understand
- education and training providers and guidance counsellors will find it easier to provide accurate advice to award holders regarding suitable learning opportunities



The Further Education and Training Awards Council

Background to FETAC

FETAC is the single statutory national awarding body for the further education and training sector in Ireland. It was established by the Qualifications (Education and Training) Act 1999 and is funded by the National Qualifications Authority of Ireland (NQAI) through the Department of Education and Science.

FETAC Standards and Quality Assurance

FETAC has specific responsibility for setting standards and making awards at Levels 1 to 6 of the National Framework of Qualifications (NFQ). These awards provide access to employment and to further and higher education and training opportunities in Ireland.

FETAC develops national standards of skill, knowledge and competence for its awards in consultation with its industry, education and training partners. It then quality assures the education and training providers that offer its awards.

Providers must satisfy FETAC that they have the necessary personnel and facilities to develop and deliver efficient and effective programmes to learners.

Learners must demonstrate through a process of assessment that they have acquired pre-defined national standards of skill, knowledge and competence that underpin FETAC awards.

All providers are quality assured by FETAC. In the main, programmes that lead to FETAC awards are offered by State funded education and training providers. Private providers and companies that offer work based training also provide programmes.

What awards does FETAC offer?

FETAC sets standards and issues awards at NFQ Levels 1 to 6 in the following fields of learning

- Business & Administration
- Agriculture, Science & Computing
- Construction/Built Environment
- Engineering & Manufacturing
- Education, Health & Welfare
- Tourism, Hospitality & Sports
- Services
- Core Skills, Languages & General Studies
- Arts, Crafts & Media

How does FETAC contribute to EUROPASS?

FETAC contributes to Europass by issuing Certificate Supplements for its major and special purpose awards. Award holders, employers, education and training providers and guidance counsellors can use this information to clarify the standards that underpin FETAC awards.

Background to the National Framework of Qualifications

The Qualifications (Education and Training) Act 1999, proposed the development of a National Framework of Qualifications, based on standards of knowledge, skill and competence, i.e., what a person knows, can do and understands at a given level.

The Act focused on issues such as the establishment of consistent standards in education and training, the promotion of quality, increasing access, transfer and progression opportunities and being able to recognise and compare qualifications gained both in Ireland and abroad.

The National Framework of Qualifications (NFQ) was developed by the National Qualifications Authority of Ireland (NQAI) and was launched in 2003. NQAI is an agency of the Department of Education and Science and the Department of Enterprise, Trade and Employment.

NQAI is responsible for maintaining the NFQ and for promoting and facilitating greater access to education and training and progression through the NFQ.

Structure of the National Framework of Qualifications

The 'fan diagram' below illustrates the 10 levels of the NFQ. The Framework allows for recognition of all levels of learning, from the very initial stages to the most advanced, it is a framework for lifelong learning. Each level is based on nationally agreed standards of knowledge, skill and competence.

The diagram indicates the names of bodies whose awards are included in the NFQ. These are the bodies that have a statutory remit to make awards in Ireland.

Also set out are the titles of the MAJOR awards that are included in the NFQ. Major awards recognise the acquisition of a significant volume of learning.

In addition to major awards, the NFQ also includes hundreds of other awards that recognise learning achievement. These awards, entitled minor, supplemental and special purpose awards, are generally components of, or are otherwise related to, major awards.

How are NFQ awards developed and delivered?

To be included in the NFQ, awards must be quality assured. This means that they must meet nationally agreed standards and are subject to internal and external quality reviews to ensure that they maintain those standards.

Awards are developed by the awarding bodies and are made available through programmes delivered by learning providers.

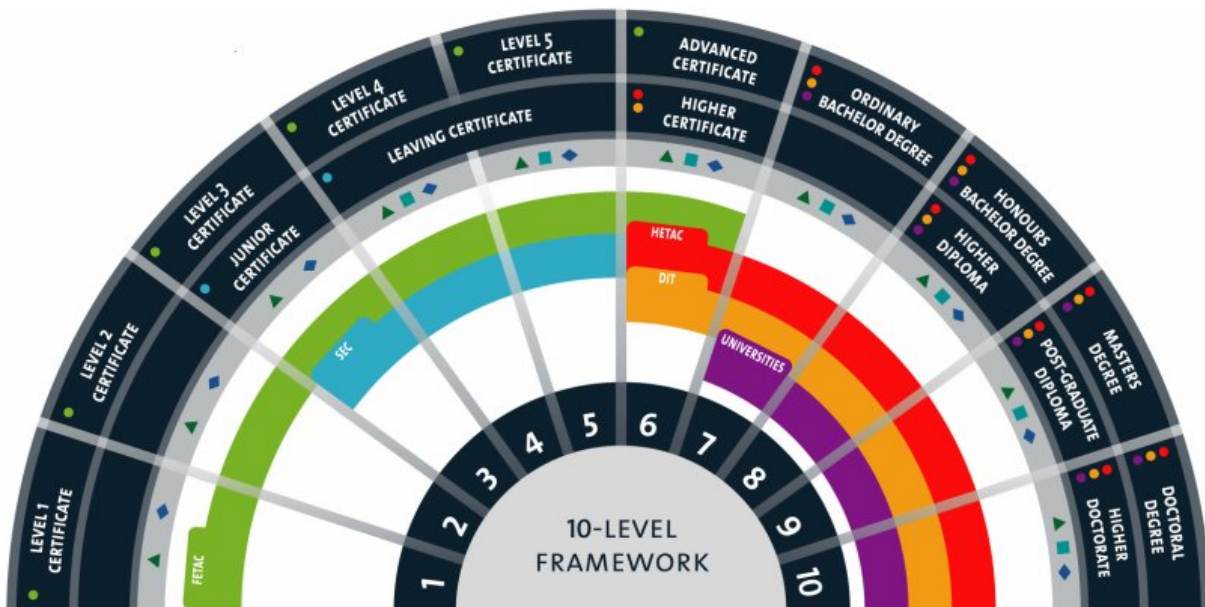
Awarding bodies set the standards for their awards, then validate and monitor the programmes developed and delivered by providers that lead to these awards.

Providers deliver programmes through Ireland's school, further education and training and higher education and training systems.

Benefits of the National Framework of Qualifications

The NFQ facilitates the understanding and recognition of Irish awards both nationally and internationally by

- allowing learners to compare and contrast awards and to plan their education and training and career progression.
- helping employers to recognise and understand the level and standard of Irish awards by acting as a tool for identifying 'appropriate fit' awards for specific roles
- providing a way of comparing Irish awards with awards gained in other national qualifications systems thus facilitating learner and worker mobility



KEY ● FETAC - Further Education and Training Awards Council ● SEC - State Examinations Commission
 ● HETAC - Higher Education and Training Awards Council ● DIT - Dublin Institute of Technology ● Universities

AWARDS IN THE FRAMEWORK ◐ Major Awards are the principal class of awards made at a level
 ▲ Minor Awards are for partial completion of the outcomes of a Major Award ■ Supplemental Awards are for learning that is additional to a Major Award ◆ Special Purpose Awards are for relatively narrow or purpose-specific achievement