



MINISTRY FOR TRANSPORT, INFRASTRUCTURE
AND CAPITAL PROJECTS
FRANCESCO BUONAMICI STREET, FLORIANA, MALTA

ENGINEERING PROFESSION BOARD

DOCUMENT CONTROL	
Document Number:	EPB-02
Revision:	1
Issue Date:	20-07-2020

Guidelines Used by the Engineering Board in its Assessment of Qualifications leading to the attainment of the Engineering Warrant

The Engineering Board reaffirms its position that courses must be framed under a pattern of the ECTS standard and be within the following academic framework viz.:

- a) a minimum 4-year full-time (240 ECTS at MQF Level 6) Bachelors degree with honours in Engineering; or
- b) a minimum 3-year full-time (180 ECTS at MQF Level 6) Bachelors degree with honours in Engineering recognised by the Board, plus a further minimum 1 year full-time equivalent (60 ECTS top-up minimum at MQF Level 6 [of a level 3 or 4 within the MQF Level 6] or higher) engineering qualification; or
- c) an academic degree that at the relevant time is recognised by the Board to be equivalent to the above for the purposes of this article.


The Engineering Board further clarifies that:

1. The overall 240 ECTS academic training is to include a supervised project and dissertation.
2. The minimum 60 ECTS top-up engineering qualification referred to under (b) shall be of MQF Level 6 or higher, and not below level 3 or 4 (i.e. 3rd year or 4th year level) of the MQF Level 6 framework, of which not more than 10% of the course content should be in non-engineering disciplines.
3. The minimum 60 ECTS top-up engineering qualification referred to under (b) is to complement the MQF Level 6 undergraduate degree in such a manner to increase the candidate's ability to adapt to the current requirements of the engineering job market.

4. The entry requirement to the 180 ECTS or 240 ECTS (both at MQF Level 6) engineering degree should be such that those holding the requirements would have a reasonable prospect of understanding the learning materials provided and of achieving the programme outcomes. The minimum entry requirements to the Bachelors Engineering degree should be equivalent to those found in degrees recognised in the past by the Board.
5. Engineering programmes must enable students to achieve the recognised desired outcomes through MQF Level 6 academic formation, mainly based on scientific and theoretical knowledge apart from practical skills.
6. The method of students' progress and final assessment must be demonstrated to of sufficient standard and scientific/theoretical rigour. Written exams, projects and other assessment methods should be designed to evaluate the extent to which students can demonstrate achievement of the 240 ECTS at MQF Level 6 programme outcomes both throughout the programme and its conclusion.

On a broad policy level the Board recommends to all higher educational institutions in Malta that engineering degrees should provide comprehensive training that includes the necessary breadth and desired depth in subjects required to ensure comprehensive undergraduate training.

With regard to Distance Learning Programmes, in addition to the above criteria students must demonstrate practical engineering skills acquired through, for example, work carried out in laboratories and workshops; in industry through supervised work experience; in individual and group project work; in design work; and in the development and use of computer soft skills in design, analysis and control. Also evidence of group working and of participation in a degree project is expected.



Dr Noel Camilleri

Chairman Engineering Profession Board

27 July 2020