

## Report of Validation Panel for a Special Purpose, Minor or Supplemental Award

**Date of Meeting:** 21/5/18

2018

**Named Award:** Certificate

**Programme Title:** Lean Sigma Yellow Belt for Operations & Service

**Award Type:** Special Purpose Award

**NFQ Level:** 6

**Intakes Commencing:** September 2018

**ECTS/ACCS Credits:** 10

### PANEL MEMBERS

Name / Function / External Institution OR CIT Academic Unit
Chair: Dr Joe Harrington, Head of School of Building and Civil Engineering, CIT
Grace Reidy, Senior Process Improvement Advisor, RCSI Quality & Process Improvement Centre
Carol-Anne Sheehy, GSK Production System Site Lead, LeanSigma Master Blackbelt
Kieran Ruane, Lecturer Department of Civil and Structural Engineering, CIT

### PROPOSING TEAM MEMBERS

Name / Function / Academic Unit
Mark Stockil, CAMMS
Daithi Fallon, CAMMS and Extended Campus
Mike McGrath, CAMMS
Michael P. O' Mahony, CAMMS

### BACKGROUND TO THE PROPOSED PROGRAMME

The CAMMS Centre has a long and successful history of delivering Lean/Six Sigma Programmes.

This programme proposal is to deliver a 10 credit Yellow Belt for Operations & Service (Level 6) as an entry programme to the Lean Sigma Suite (CAMMS previously delivered a class room based single module; this proposed programme includes an additional module allowing for practical work in the workplace environment).

A Yellow Belt is a core project team member with an understanding of the nature of improvement and the DMAIC principles used in Lean Sigma.

Learners on this proposed programme will become capable of applying lean principles and tools to drive improvements and show measurable results.

## FINDINGS OF THE PANEL

*NOTE: In this report, the term “Requirement” is used to indicate an action or amendment which in the view of the Panel **must** be undertaken prior to validation and commencement of the Programme. The term “Recommendation” indicates an item which the Course Board (or other relevant Institute unit) should implement at the earliest stage possible, and appropriate implementation of which should be the subject of ongoing monitoring.*

### 1. Validation Criteria

#### 1.1 Is there a convincing need for the programme with a viable level of applications?

Overall Finding: Yes

**Finding(s):** Yes there is a clearly identified need for the programme with a viable level of applications. CAMMS intend to run four deliveries/year with 12 to 20 learners on each delivery.

#### 1.2 Are the level and type of the proposed award appropriate?

Overall Finding: Yes

**Finding(s):** The panel find that the level and type of the programme is appropriate to the intended target student cohort and to the graduate skills being developed.

#### 1.3 Is the learning experience of an appropriate level, standard and quality?

Overall Finding: Yes

**Finding(s):** The panel find that the programme and the individual modules are at the appropriate level, standard and quality

#### 1.4 Is the programme structure logical and well designed (including procedures for access, transfer and progression)?

Overall Finding: Yes

**Finding(s):** The panel is satisfied that the structure of the programme is logical, well designed and is targeted to meet the needs of learners.

#### 1.5 Are the programme management structures adequate?

Overall Finding: Yes

**Finding(s):** The programme will operate and will be managed by the CAMMS Centre within the School of Mechanical, Process and Electrical Engineering. CAMMS has long standing and significant experience of successfully delivering such programmes.

#### 1.6 Are the resource requirements reasonable?

Overall Finding: Yes

**Finding(s):** The resource requirements are currently in place; no additional resources are required.

#### 1.7 Will the impact of the programme on the Institute be positive?

Overall Finding: Yes

## 2. Other Findings

The Panel welcomes this proposal which is timely and relevant. It will streamline and strengthen the suite of Lean Six Sigma Programme offered by CAMMS and also provide a valuable Level 6 programme for local and regional industry. It will be particularly valuable to the entry level cohort of learners who take the programme.

The Panel discussed the programme and the constituent modules in detail with the programme proposers.

This 10-credit programme consists of two 5 credit individual modules, one is an approved module (Lean Sigma Practitioner, Fundamental Level). The new module (Lean Sigma CI Fundamentals) was reviewed in detail and the Panel are satisfied that the module is appropriate, both in terms of content and level, for the proposed programme.

The Panel recommends that the new module (Lean Sigma CI Fundamentals) be approved as part of this overall programme validation process.

## CONCLUSION

Based on the above findings, the Panel recommends to Academic Council:

That the new module (Lean Sigma CI Fundamentals) be approved and that the programme be validated for five academic years, or until the next programmatic review, whichever is sooner.