

5N1833 Mathematics Component

Component Name:	Mathematics
Component Code:	5N1833
Awarding Body:	QQI (Quality & Qualifications Ireland)
QQI Level:	5
Teacher:	Raymund O'Connor
Credits:	15
Hours:	150 hours (to include both directed and self-directed learning)
Required:	Scientific Calculator (eg Leaving Cert Exam approved model)
Recommended:	Laptop/Computer with access to broadband (eg I.T. learning outcome)
Notes available:	www.raymundoconnor.com (link also available to website on Moodle)
Attendance:	100% is expected. Attendance is taken during each class.

Assessment: **2 Assignments (30% each) and end of year exam (40%)**

Assignment 1 - Learners will be required to answer all 5 questions. The brief for the assignment will cover learning outcomes from:

1. Mathematical Modelling
2. Statistics
3. Probability
4. Functions & Graphs
5. Linear Programming

Assignment 2 - Learners will be required to answer all 5 questions. The brief for the assignment will cover learning outcomes from:

1. Differential Calculus
2. Integral Calculus
3. Complex numbers
4. De Moivre's theorem
5. Trigonometry

Deadlines: Deadlines for assessments – Ensure you read the **Student Handbook** available from **college website** or your **course director**.

Late Submissions: Deducted specified % for each week late.

Extenuating Circumstances: Form must be completed and submitted to your **course director** by relevant date as per policy.