



**LEVEL 3
AWARD IN
MATHEMATICS
FOR NUMERACY
TEACHING**

AWARDING BODY



$$F_{34} = k \frac{q_3 q_4}{r^2}$$

$$q_1 = q_3 = 5 \mu C, q_2 = -2 \mu C$$

$$a = 0,1 \text{ metre}$$

$$\vec{F}_{q_3} = \vec{F}_{13} + \vec{F}_{23}$$

$$\text{Nbl: } \vec{A} = 3\vec{i} - 5\vec{j} - 2\vec{k}$$
$$|\vec{A}| = \sqrt{(3)^2 + (-5)^2 + (-2)^2}$$

$$F_{13} = k \frac{|q_1 q_3|}{r^2} = 9 \cdot 10^9 \frac{5 \cdot 10^{-6} \cdot 5 \cdot 10^{-6}}{(\sqrt{20})^2} = 11,0$$

$$\vec{F}_{13} = F_{13} \cos \theta \vec{i} + F_{13} \sin \theta \vec{j}$$
$$\cos \theta = \frac{0}{a} = 1 \Rightarrow \theta = 180^\circ$$

$$\vec{F}_{13} = 11,0 \cos 180^\circ \vec{i} + 11,0 \sin 180^\circ \vec{j}$$
$$\vec{F}_{q_3} = \vec{F}_{13} + \vec{F}_{23} = 11,0 \vec{i} + 11,0 \vec{j}$$

Course Description

The Level 3 Award in Mathematics for Numeracy Teaching (RQF) aims to improve teaching skills specifically in numeracy. This thorough program emphasizes the development of problem-solving abilities, assessment of mathematical results, interpretation of contexts, and the adept use of various mathematical techniques for communication. Its objective is to enrich understanding of mathematical concepts and teaching methodologies.

Course Structure

Unit 1: Using Mathematics: Personal and Public Life

Unit 2: Using Mathematics: Academic Subjects

Assessment

Written task showcasing the application of numeracy skills within the realm of teaching, supported by evidence of proficiency.

Duration

The course provides modules that learners can progress through at their own speed. Completion can range from one week to up to four months, depending on the learner's individual pace. Nonetheless, access to the course expires after one year, and re-enrollment incurs an additional fee.

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