Assessment Schedule

US 24361 (v3) - Apply mathematical processes to BCATS projects (Level 2, Credit 3)

Outcome 1	Establish BCATS projects' outcome requirements and select mathematical methods for solving problems associated with achieving them.	**Assessment evidence and judgement**
PC 1.1	Outcome requirements are identified.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheets **or** • a completed Assessor Observation Sheet and evidence of practical projects where outcome requirements of a project are identified **or** • a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).
PC 1.2	Mathematical methods are chosen in accordance with the situation and the problem. Range: a combination of two of the following – numerical calculation, measurement, geometry, trigonometry.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheet(s) • a completed Assessor Observation Sheet(s) and evidence of practical projects where chosen mathematical methods include a combination of two of the following - numerical calculation, measurement, geometry, trigonometry • or a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).
Outcome 2	Use mathematical skills to solve problems for BCATS projects. Range: trigonometry and at least one of the following – numerical calculation, measurement, geometry.	**Assessment evidence and judgement**
PC 2.1	Chosen methods applied in the context of the situations provided.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheets **or** • a completed Assessor Observation Sheet and evidence of practical projects where the correct mathematical skill has been applied to solve problems including trigonometry and at least one of numerical calculation, measurement, geometry **or** • a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).
PC 2.2	Mathematical skills are used in conjunction to solve problems.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheets **or** • a completed Assessor Observation Sheet and evidence of practical projects where the correct mathematical skill has been applied to solve problems including trigonometry and at least one of numerical calculation, measurement, geometry **or** • a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).
PC 2.3	Solutions are accurate, and consistent with the outcome requirements of the problems.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheets **or** • a completed Assessor Observation Sheet and evidence of practical projects where the correct mathematical skill has been applied to solve problems including trigonometry and at least one of numerical calculation, measurement, geometry **or** • a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).
PC 2.4	Information and results are accurately presented.	Evidence must be for 2 different projects using: • correctly completed Knowledge Assessment Sheets **or** • a completed Assessor Observation Sheet and evidence of practical projects where the correct mathematical skill has been applied to solve problems including trigonometry and at least one of numerical calculation, measurement, geometry **or** • a combination of Knowledge Assessment Sheet(s) scenarios and practical project(s).