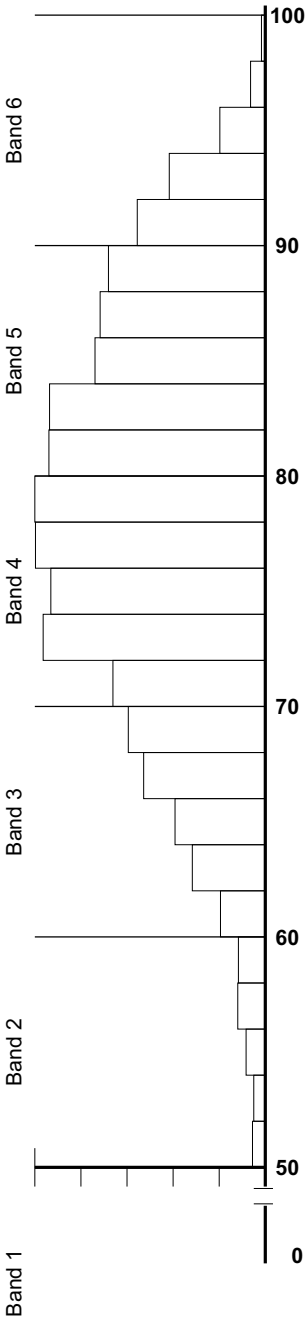
2022 Course Report

Design and Technology

State Distribution | **The typical performance in this band:**



100
Demonstrates a high level of understanding of design theory and the factors affecting design. Critically analyses the factors which influence design and technological development. Exemplifies quality design practice and is innovative in applying design theory. Selects from, and effectively uses a wide range of research methodologies and communication techniques. Selects and appropriately uses materials, tools and techniques and manages the production of an outstanding major design project. Comprehensively evaluates processes undertaken in their own and other's design and technological activities. Critically assesses the impact of current and emerging technologies.

90
Demonstrates a detailed understanding of design theory and the factors affecting design. Analyses the factors which influence design and technological development. Applies understanding of design theory to exhibit quality design practice. Selects from, and uses appropriately a range of research methodologies and communication techniques. Selects and appropriately uses materials, tools and techniques and manages the production of a high quality major design project. Evaluates processes undertaken in their own and other's design and technological activities. Assesses the impact of current emerging technologies.

80
Demonstrates a sound understanding of design theory and the factors affecting design. Explains the factors which influence design and technological development. Applies understanding of design theory to display good design practice. Selects and uses a range of research methodologies and communication techniques. Selects and uses materials, tools and techniques and manages the production of a major design product of substantial quality. Explains processes undertaken in their own and other's design and technological activities. Demonstrates a broad knowledge and understanding of current and emerging technologies.

70
Demonstrates a basic understanding of design theory and the factors affecting design. Describes the factors which influence design and technological development. Develops and implements design ideas. Conducts basic research and presents findings and ideas using only one or two communication techniques. Uses materials, tools and techniques and manages the production of a satisfactory major design project. Describes processes undertaken in their own and other's design and technological activities. Demonstrates a basic knowledge of current and emerging technologies.

60
Demonstrates a limited understanding of design theory and the factors affecting design. Identifies some factors which influence design and technological development. Implements design ideas. Conducts limited research and communicates ideas in a simple way. Uses materials, tools and techniques to produce an elementary major design project. Identifies design criteria for their own and other's design and technological activities. Demonstrates an elementary knowledge of current and emerging technologies.

50
A mark in this band indicates that the student has achieved below the minimum standard expected.

0

The candidature of this course was 3,622.