

M122 Discrete Mathematics Quiz 1.1, 1.2, 1.3 Topics
Multiple choice and short answer

For an implication recognize or state

- a) converse b) inverse c) contrapositive

Translate compound logical expressions into English and vice versa

Know terms tautology, contingency, contradiction

Know all of the logical operators and be able to apply in truth tables.

Calculate bit operations

Use truth tables to determine logical equivalence; tautologies.

Translate universal and existential quantified statements into logical notation and vice-versa. Express their negation.