TOLC-E syllabus

Logic and Verbal comprehension

The Logic and Verbal comprehension questions seek to test in particular the candidate's aptitude rather than the skills acquired in secondary school. Therefore, they do not require any specific preparation.

Mathematics

Properties and operations on numbers (integers, rationals, real numbers). Percentage calculation. Absolute value. Powers, roots of numbers and their properties. Exponentials and logarithms and their properties. Polynomials (operations, factorization, divisions with remainder, identities). Fractional rational expressions. First and second degree algebraic equations and inequalities or reducible. Solution of simple linear systems. Equations and inequalities: fractional, rational, irrational, logarithmic, exponential. Symbolic mathematics. Analytical geometry: Cartesian coordinate system, line and elementary geometric loci equations (parabola, circumference, hyperbole, ellipse), solution of elementary analytical geometry problems. Geometry: Segments, polygons, circles, perimeters and areas; significant solids, surfaces and volumes. Elementary functions: graphs and domains.

English section

Depending on the result obtained in the test, the grid below shows the initial preparation level and how to improve your results, if necessary.

POINTS	RECOMMENDED ENGLISH COURSE
≤ 6	Take a beginner English course (A1)
7 – 16	Take a first level English course (A2)
17 – 23	Take an intermediate English course (B1)
24 – 30	Take the B1 level English exam with no need to take a course