

WAC 196-20-007 Fundamentals of engineering exam. Approval to sit for the fundamentals-of-engineering examination (FE) is based upon satisfactory evidence that the applicant has completed a minimum of four years of practical engineering experience or four years of engineering education or a combination of both, as approved by the board.

(1) Experience: Qualifying practical experience should include some or all of the following:

(a) Preparation of technical reports and specifications, including graphics;

(b) Application of mathematical techniques to problem solving;

(c) Application of the basic physical sciences (chemistry, physics, statics, and dynamics, etc.) in tasks;

(d) Performing assignments, experiments and tests to general specifications;

(e) Compilation and interpretation of data (statistical analysis, etc.);

(f) Executing engineering tasks according to instructions;

(g) Effective communication with associates and presenting recommendations and conclusions to supervisor;

(h) Knowledge of the impacts of the products of technology on society (i.e., energy/environmental considerations).

(2) Education: A baccalaureate in engineering from an ABET accredited program meets the four-year requirement. Other education will be evaluated by the board.

(3) Any qualifying practical engineering experience may be combined with education to meet the four-year requirement as approved by the board.

(4) Approval to take the FE exam cannot be relied upon for approval to take the professional engineer (PE) examination.

[Statutory Authority: RCW 18.43.035. WSR 21-22-093, § 196-20-007, filed 11/2/21, effective 12/3/21.]