

ECCC SYLLABUS

MODULE: **AI M1 TWO-DIMENSIONAL DESIGN CAD 2D**

LEVEL: **INTERMEDIATE (B)**

The examination of this module includes all aspects of the baseline (A) extended with the competencies listed below.

COMPETENCE GROUP	COMPETENCE WITHIN ECCC STANDARDS
1. Basics of creating electronic technical documentation	1.1. User interface: creating and editing toolbars and workspaces. 1.2. Customizing your drawing settings and options tools. 1.3. Checking and correction of the drawing, security copies.
2. Creating Objects	2.1. The complex drawing objects: editing a polyline, converting complex objects into a polyline, creating and editing multiline, modification of multiline style. 2.2. Points: creation and editing, placement of points along the path. 2.3. Text: writing fractions and special characters, the inscription on the arch and surrounded by, creating and editing text style, setting the current style, spell checking, inserting text files into the drawing. 2.4. Hatch: Hatch advanced, detection of islands, the inheritance of traits. 2.5. Regions: creation and operation of the regions physical parameters.
3. Manipulating objects	3.1. Modifying objects with handles: move, rotate, stretch, scale, symmetry (mirror). 3.2. The properties of objects using the layers / levels: creation of layers, the identification and modification of their characteristics, determining the status of the layers.
4. Precise drawing and dimensioning	4.1. Measuring distances and angles, surfaces. 4.2. Editing existing or creating your own dimension styles.
5. Print	5.1. Creating and scaling of systems of many viewports in model space and paper. 5.2. Control output status through the layer / level or object properties. 5.3. Setting print parameters: configure the settings page, plotters, plot styles.

Preferred development environment for the realization of the intermediate-level tasks:

- Autodesk AutoCAD, AutoCAD LT
- AutoCAD Architecture, AutoCAD Mechanical