

Units of learning outcomes Side cover

Name of unit	Side cover - drawing, program, output on CNC
Name of qualification / of the branch to which the unit relates	Fields of study: 23-45-L / 01 Mechanic adjuster
The level of qualification according to the EQF	4
Length (hours)	4 days (28 hours)
Expected learning outcomes (knowledge, skills, independence and responsibility)	Participant: <ol style="list-style-type: none"> a) Builds a Side Cover model using SolidWorks tools b) Creates a technical drawing c) Dimensions the drawing d) Creates a program by using SolidCam e) Generates a program for a CNC milling machine f) Selects the optimal cutting conditions for machining g) Uses machining simulation h) Loads the program into the CNC milling machine i) Tunes the program
Procedures and criteria for evaluating these learning outcomes	<ul style="list-style-type: none"> - Modeling the Side Cover model using SolidWorks tools - Creating a technical drawing - Dimensioning of a technical drawing - Creating a program by using SolidCam - Generating a program for a CNC milling machine - Selection of optimal cutting conditions - Uploading the program to the CNC milling machine - Tunes the program



	<p>Criteria:</p> <p>Ad a) Model the Side Cover model by using SolidWorks tools.</p> <p>Ad b) Create a technical drawing.</p> <p>Ad c) Dimension the technical drawing</p> <p>Ad d) Create a program by using SolidWorks</p> <p>Ad e) Generate a program for a CNC milling machine</p> <p>Ad f) Select the optimal cutting conditions for machining</p> <p>Ad g) Use machining simulation</p> <p>Ad h) Load the program into the CNC milling machine</p> <p>Ad i) Tunes the program</p>
ECVET points associated with the unit	
Unit validity period	

Evaluation form

The name of the unit	Side cover - drawing, program, output on CNC			
Name				
Evaluation tasks and criteria	Performed under supervision	Performed separately	Fulfilled Date Signature	Failed Date Signature
Makes a Side Cover model using SolidWorks tools				
Creates a technical drawing				
Dimensions the drawing				
Creates a program by using SolidCam				
Generates a program for a CNC milling machine				
Selects the optimal cutting conditions í				
Uses machining simulation				
Loads the program into the CNC milling machine				
Tunes the program				

Name and signature of the representative of the host organization responsible for the evaluation:

Pupil's signature:

Date and stamp of the receiving organization: