

Course-specific competences

Course code: TKV18MA01

Course name: Functions and Equations 1

Competences

Criteria for Assessment

	1	3	5
Basic Algebra	Is able to simplify basic mathematical expressions	Is able to manipulate mathematical expressions	Is able to simplify and manipulate more demanding mathematical expressions
Solving equations, system of equations	Is able to solve basic linear and quadratic equations. Is able to solve systems of simple linear equations	Is able to find solutions to more demanding equations and systems of equations	Is able to solve challenging equations and systems of equations
Functions	Understands the basic concepts of linear and quadratic functions.	Understands and can use the concepts for linear and quadratic relationships.	Understands and is able to find the expressions(relationships) for linear and quadratic functions
Formulas	Is able to solve basic formulas	Is able to solve more demanding formulas	Is able to solve systems of formulas
Using models and solving problems	Is able to understand and use a basic mathematical model.	Understands and can use a mathematical model.	Is able to apply mathematical models to different technical problems.

Made by:

NN

Checked by:

UA

Approved by:

AC

Valid in curriculum

2018