

# CSS-101: Algorithms and Programming

**Introduction**

# Course Description

**Code:** CSS-101 (Computing Systems and Software)

**Name:** Algorithms and Programming

**Description:**

An introduction to programming class, using Python programming language. Covers basic concepts of programming such as: program, variables, expressions, functions, conditional execution, loops, recursion, iteration, data structures, elementary algorithms, working with files, and some principles of object-oriented paradigm (classes, inheritance).

# Instructor Contact Info

Zhasdauren Duisebekov

EN-402

Office Hours: to be announced

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# Grading Policy

Labs - **30** points (2 points per week)

Quizzes - **20** points (every 4 weeks, total 4 quizzes)

Midterm Exam - **20** points

Final Exam - **30** points

Attendance - **extra 10** points (lecture + labs)

# Tools

- Textbook: “Think Python” (2015)
- Python 3
- Edmodo (Group code: **2r6eg2**)

# Want to do something useful?!

We want to translate the main textbook into Kazakh language till the end of the semester.

If interested and want to join our team, contact me first, please.