# 41039 Programming 1

## Week 1 - Introduction

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# Why Are We Here?

Programming is the core practical discipline of computer science and IT.

If you're here, it's probably also something that's fun (hopefully).

You're also probably in a degree that's going to demand a lot of programming from you.

# Why Not 48023 Programming Fundamentals?

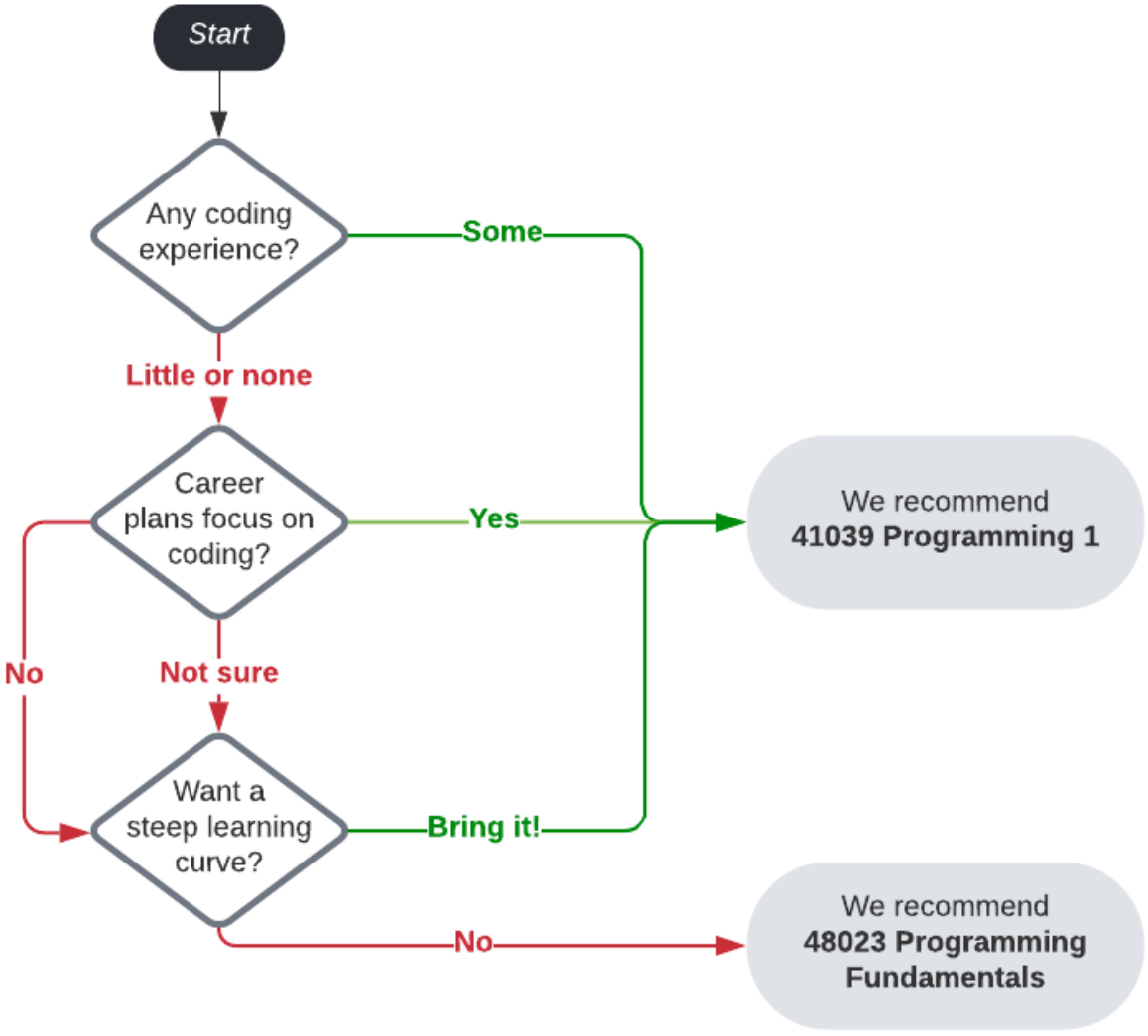
Programming 1 assumes that you have additional motivation to learn programming – either interest, aptitude or degree expectations.

So we hope that you interested or motivated in learning more about programming than we assume for Programming Fundamentals students.

Programming 1 will cover the material of Programming Fundamentals a little faster, so we can go a bit further.

Programming 1 also teaches Java and Python alongside each other.

# Or another way



# What do we get from going further?

You will be more competent a little earlier (by the end of the degree things will even out, we're basically frontloading a little bit more).

You will understand a bit more of how programming languages work, and why we do things the way we do.

Our assessment tasks can be a little different (hopefully challenging in a fun way).

# What do I need to know?

Even though we up the tempo a little compared to Prog. Fun., we still assume you have no programming knowledge to begin with. (If you do, the first bit should be a breeze.)

# Where will everything be?

This subject will (mostly) use Ed.

# What will the assessment involve?

1. Lab exercises (almost every week)
2. A programming assignment
3. A code comprehension assignment
4. A final take-home exam
5. An optional, free form, extension assignment

Let's look at the subject outline for more! ($\leftarrow$the exclamation mark tells you it's fun!)

Right, let's do something interesting.