



80% of US K-12 students have used a programming language at least once. Tosa Python certification can help you ensure they are proficient in all Python functionalities.

Expected Proficiency Level by Career:

- **Beginner/Basic:** the student is not able to use the coding language in a professional environment.
- **Productive:** business analyst, biostatistician
- **Advanced:** developer, data scientist
- **Expert:** Python trainer, technical expert, team leader

Skill Domains:

Language and Syntax

- 🔗 Context and use cases of Python
- 🔗 Syntax and semantics
- 🔗 Input / output management

Data Structures and Objects

- 🔗 Import and use
- 🔗 Standard library

Modules and Packages

- 🔗 Classical structures
- 🔗 Functions and procedures
- 🔗 Object-oriented programming

Code Optimization

- 🔗 Code performance
- 🔗 Algorithms

Fundamentals & Applications

- 🔗 Identify when and for whom to use Python
- 🔗 Match Python to real-world use cases

Expertise Report :

Comprehensive and easy-to-interpret skills reports are generated at the end of each assessment test. They help you:

- **Identify** students' skills at a glance.
- **Adapt** your programs to their training needs.
- **Measure** the effectiveness of your programs.
- **Obtain** group reports or progress reports.

🔗 Assessment
👉 25 questions ⌚ 60 minutes
🔗 Certification
👉 35 questions ⌚ 90 minutes
🔗 In-app questions ¹
🔗 Adaptive testing



Languages and Versions :

English and French **3.10**

For additional information, please contact sales@isograd.com

Why certify with Tosa?

It is essential to make a difference in the job market. **Tosa certifications enable students to measure and attest to their digital skills.** Tosa certifications deliver a score out of 1,000 for students to put on their resume or on their professional networks.

According to our certified students, the Tosa certification:

- 🔧 Gives them more confidence in their skills **(86%)***
- 🔧 Adds value on their CV **(76%)***

Understanding the Tosa score

The Tosa certification is based on a single score scale, available in five levels:

Level	Scores	Description
Expert	876 - 1000	Student has extensive knowledge of the subject evaluated. Student's productivity in its use is optimal.
Advanced	726 - 875	Student has very good knowledge and control of the subject matter being evaluated. Student's productivity is excellent.
Productive	551 - 725	Student possesses the skills needed to operate effectively in a professional environment.
Basic	351 - 550	Student has sufficient knowledge to perform simple tasks.
Initial	1 - 350	Student's knowledge of the evaluated subject is limited.

What is an in-app question?

Beyond traditional MCQs, our tests offer the student practical exercises (or in-app questions) directly in the development environment or software.

- 🔧 **Coding language in-app question:** questions of this type should be solved by creating or modifying a program in the integrated development environment, in the appropriate programming language

What is adaptive testing?

Our technology adapts the test's difficulty to the student's answers. The more difficult the questions asked, the higher the student's proficiency level.