

TOSA^{code} Web Developer



80% of US K-12 students have used a programming language at least once. Tosa Web Developer certification can help you ensure they are proficient in the tools they'll need to start a career in web development.

Proficiency Level by Career:

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

🚩 Assessment
✅ 25 questions ⌚ 60 minutes
🚩 Certification
✅ 35 questions ⌚ 90 minutes
🚩 In-app questions ¹
🚩 Adaptive testing



Skill Domains:

HTML	🚩 Knowing the basic principles of the language 🚩 Using different HTML elements with attributes 🚩 Choosing the relevant HTML elements to meet a need 🚩 Using advanced HTML elements (tables, forms...)
JavaScript	🚩 Understanding JavaScript fundamentals, including core characteristics, syntax, and basic language features. 🚩 Creating and manipulating objects, including primitive values, built-in objects, and custom objects. 🚩 Interacting with the DOM to read, modify, and respond to elements in a web page.
CSS	🚩 Understanding the core principles and syntax of CSS. 🚩 Applying and importing styles to control the layout, positioning, spacing, sizing, and text formatting of webpage elements. 🚩 Reading and integrating CSS rules within HTML and working with stylesheets created by other developers.
Integration	🚩 Integrating HTML, CSS, and JavaScript codes together 🚩 Writing CSS code for display customization 🚩 Writing dynamic JavaScript code for a web page 🚩 Solving a bug inside a complex code written by another developer 🚩 Understanding the technical documentation of an external library
Fundamentals & Applications	🚩 Knowing Web Development Languages (HTML, CSS, JavaScript) 🚩 Understanding Web Development Concepts and Architecture 🚩 Knowing Web Communication Protocols and Addressing 🚩 Understanding APIs and Web Integration

Expertise Report :

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

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

Languages and Versions :

English and French -

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 candidate 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 candidate's answers. The more difficult the questions asked, the higher the candidate's proficiency level.

* Study carried out in 2019 by Epoka for Isograd with 6535 Tosa certified individuals.