

## “TRON Engineer Certification Examination” Registration Started

T-Engine Forum (Location: Shinagawa-ward, Tokyo, Chair: Ken Sakamura, Professor of the University of Tokyo) started accepting registration for “TRON Engineer Certification Examination” for embedded systems development engineers on its webpage (<http://www.t-engine.org/exam/>) from May 9. The first test of TRON Engineer Certification Examination will take place on June 28 (Sat) in test sites in Tokyo. This first test will be for T-Engine Forum and TRON Association (Location: Minato-ward, Tokyo, Chair: Naoyuki Akikusa) members, and those who are introduced by either organization. From the second test on, people other than the above can also take the examination.

In the embedded systems development field, there is a shortage of specialized engineers. In addition, there are no criteria to measure each engineer’s expertise objectively when a company outsources its development work. As a result, the resource cost is calculated based on man-months or lines of program codes developed. This caused the situation where engineers do not get the appropriate evaluation and reward even if they have high expertise, which lowers their motivation.

The objective of TRON Engineer Certification Examination is to objectively measure the technical level of engineers who use embedded real time operation systems, improve the social status of engineers with high expertise, and increase the transparency of the cost model in the entire embedded systems industry and the visibility of the cost borne by companies that order system development based on the cost model. This examination is organized by T-Engine Forum and supported by TRON Association.

### ■ TRON Engineer Certification Examination Overview

**【This Exam is Intended for】** Anyone can take the exam. However this exam is especially designed for engineers who use TRON specification operation systems such as T-Kernel and ITRON, or are considering of using them.

**【Time】** 90 minutes

**【Number of questions】** 25 (20 for “First Section” to check basic knowledge, 5 for “Second Section” to check advanced knowledge)

**【Maximum possible score】** 100 points (3 points per question in “First Section”, 8 points per question in “Second Section”)

**【Exam format】** Machine-scored test

**【Dates】** The schedule for FY2008 is as follows:

1<sup>st</sup> Test: June 28 (Sat), 2008 => Location: Tokyo

2<sup>nd</sup> Test: September 28 (Sun), 2008 => Location: Tokyo, Osaka

3<sup>rd</sup> Test: December 2008 (Tentative) => Location: Tokyo

4<sup>th</sup> Test: March 2009 (Tentative)=>Location: Tokyo and others

**【Registration】** Accepted on the website  
(<http://www.t-engine.org/exam/>)

**【Fee(\*)】** 1) When the test result will be noticed only on the web  
12,600 yen (tax included) (for T-Engine Forum and TRON Association member organizations)  
15,750 yen (for organizations or individuals other than the above)

2) When the test result printed on a sheet will be issued, in addition to the notification on the web  
13,650 yen (tax included) (for T-Engine Forum and TRON Association member organizations)

16,800 yen (tax included) (for organizations or individuals other than the above)

(\*)The first test of TRON Engineer Certification Examination is intended for T-Engine Forum or TRON Association members, and people who are introduced by either organization. Therefore membership discount applies to the fee.

**【For inquiries】**

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URL: <http://www.t-engine.org/exam/>