

# ICHIKO Ichikawa Technical High School

## Chiba Prefectural Ichikawa Technical High School School Guide for 2013 Enrollees

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### Almost 100% rate of career decision !

We receive approximately **700** Job openings every year, which is about seven times more than the number of job applicants.

Students go on to the universities and colleges by designated school recommendation or by presenting their skills and expertise. There are approximately **200** places available through recommendation.

### Many chances of getting qualifications !

To obtain more expertise, students have many chances of getting qualifications.

Lathe work skills level 3

Registered Electrician

Building enforcement management engineer

Test in color Coordination

**In addition, various certification examinations**

### Cooperation with universities and companies!

Joint research with universities.

Students are allowed to attend lectures in a universities and that unit is authorised by high schools.

Short-term Internship.

### Contribution to the community!

Activities to develop a safe and secure community.

Handi-craft open classes.

Painting murals on shop Shutters.

### Chiba Education Award 2011!

Making furniture with nursery school children with Department of interior.

Voluntary advice on wooden houses` earth quake resistance.

We have a regional reputation for taking advantage of the skills learned in class.



Contribution



Award

## Mechanical Department

### Feature

【 We nurture manufacturing engineers who can 】

Within our study design (Lathe, Milling machine, Welding) training, engineering, drafting, and in our mechanical department, we learn the basics of manufacturing.

In addition, through a variety of qualifications, we aim to develop human resources that will produce more advanced technologies.

### "Lathe practice"

We performed a cylindrical machining on a lathe which is representative of the machine tools. (Annual 1.2)



Lathe

### "Machining training"

Using computer-controlled machinery, we perform programmed processes through automatic operation. (Year 2)



Machining Center

### " CAD practice "

We carry out operations through computer drawings. (Year 3)

### "Qualification that can be obtained "

- Level 3-certified skilled worker (lathe)
- Skill training, gas welding
- Skill training arc-welding
- Hazardous materials test
- CAD-test

## **Electrical Department**

### **Feature**

**【 Specialists in Electronics Computers 】**

In the Electrical Department, we aim to produce creative electricians, to accommodate electrical and electronic technology that applies to various fields of industry.

In addition, our study also includes systematic computing, we learn technology, such as remote-controlled.

### **"Computer training"**

We will learn fabrication drawings with CAD training and programming languages, and the design of electronic circuits.



**Computer training**

### **"Control Education"**

After sequential training, we carry out practice models, such as elevator control.

### **"Robot Sumo Tournament"**

Every year, we have participated in the national competition.

### **"Acquiring a national qualification in home electrical wiring"**

While in school, many students gain a national qualification such as electrical worker.

Graduates are exempted some requirements to obtain higher certification.



**Robot Sumo Tournament**

## Architecture Department

### Feature

【 We aim to produce building experts 】

In the architecture Department, we have set a target that can respond to the increasingly sophisticated and diverse technology, by developing highly creative engineers. We aim at having learned the basics of building a center to accommodate new technology, applied skills and attitudes, and the training of engineers and architects.

### "Architectural Design and Drafting"

In architectural drafting, we learn about wide range of structures, from wooden houses to concrete structures.



**Drafting**

### "Strength test of concrete"

Conducting experiments on concrete and rebar material, such as wood, we learn the nature and characteristics of the material.



**Strength test(Beam)**

### "Design "graduate"

At the culmination of three years, the architecture department do the graduation design. We are awarded a gold medal at the exhibition.

### " National qualification "

The graduates ,who have obtained necessary units at high schools ,are eligible for the second class architect certificate with more than three years' experience in construction.

Many seniors have their own design office after obtaining architectural certificates after graduation.

## Interior Department

### Feature

【 Two major features 】

Students learn technical subjects concerning “interior decoration”, “Interior design” and “woodwork”.

### **"Woodwork"**

Speaking of interior decoration, we have to know about “furniture”, that is made of wood. In order to produce better design, students practice wood-craft and learn about the nature of wood.

### **"Interior Design"**

In order to perform custom proposals toward more comfortable living space, students learn basics such as space planning, lighting plans, body dimensions, drawing, perspective drawing, color coordination and designing.

### **"The third year course is divided into courses"**

In order to extend the variety of career options and specialties, study in third grade is divided into four courses.

They are "mathematics" information "CAD " "furniture", and "design" courses.

If you want to learn more, for example, making furniture you may select the furniture course.

If you want to pursue deeper interior design we supply over a one-year course in design.



**Woodwork**

**Woodwork**



**Interior Design**