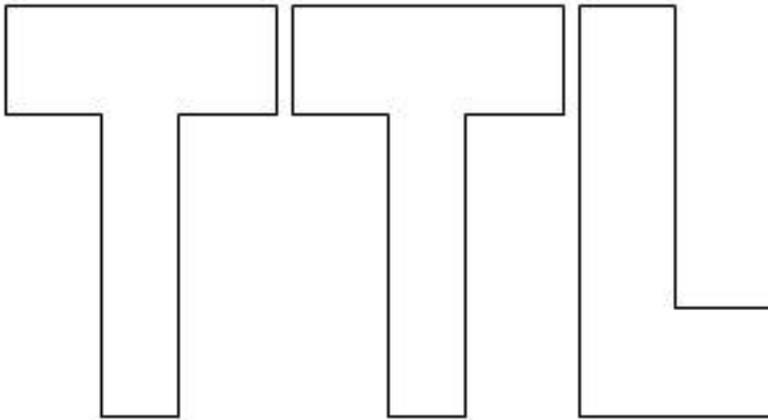


Catalog of Courses 2011



TECHNICAL TRAINING & LEARNING

345 East Santa Clara Street, Suite 106
San Jose, CA 95113
Phone: (408) 998-4534

T.T.L .College

Mission of the Institution

Mission Statement

The mission of this institution is to provide a high quality educational experience to each enrolled student. Our goal is to have each of our students acquire specialized knowledge and skills which will enable graduates to obtain entry level positions in one of a number of varying professions.

Kind of Training/Outcomes

We provide focused and intensive training to assist our students in acquiring employment. At this time, we have four programs which train students in CNC programming, Printed Circuit Board Layout, Computer Operations, Certified Nursing Assistant, Home Health Aid, Integrated Circuit Mask Layout, and Electronic Technician.

Targeted Student Population:

The student body to be served will include adult members of the public. No particular segment or sub-set of the general population is targeted.

Student Records

Student records for all students will be keeping for five years. Students may inspect and review their educational records. To do so, submit a written request identifying the specific information you would like to review. Should you find, upon your review, that there are records that are inaccurate or misleading you may request that errors be correct. In the event that a difference of opinion exists regarding the existence of errors, you may ask that a meeting be held to resolve the matter. It is our intent to carefully follow the rules applicable under the Family Education Rights and Privacy Act. It is our intent to protect the privacy of your financial, academic and other school records. We will not release such information to any individual without having first received your written request to do so, or unless otherwise required by law.

Student Conduct

Students are expected to behave professionally and respectfully at all times. Enrolling students will receive a list of the current rules of conduct at the time of enrollment. Students are subject to immediate dismissal for any activity or action that endangers another or for unethical conduct or violation of the rules of conduct.

School Location

T.T.L College
345 East Santa Clara Street, Suite 106
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Effective Dates of this Catalog

January 01, 2011 to December 31, 2011

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Tuition, Fees, and Program Descriptions

All fees are subject to change without notice. The tuition covers the cost of all classroom instruction. All fees and tuition are to be paid, in advance, prior to the first day of class or other deadline date as may be posted from time to time in the administrative office and student entrance to the school. This school does not extend credit.

Returned Check Fee \$ 20.00

PROGRAM FEES

Program Name		Registration Fee	Material	Total Program Charges
Auto CAD (6-Months)	\$1,200	\$25	\$ 90	\$1,315
Auto repair (8-Months)	\$4,800	\$25	\$150	\$4,975
Auto Repair In Advance (8-Months)	\$4,800	\$25	\$150	\$4,975
Accounting (6-Months)	\$1,080	\$25		\$1,105
CNC Programming (Geopath) (6-Months)	\$1,080	\$25		\$1,105
CNC Programming In Advance (MasterCam) (9-Months)	\$1,200	\$25		\$1,225
Computer Office – Level 1 (Microsoft Word & Excel) (6-Months)	\$540	\$25		\$565
Computer Office – Level 2 (Microsoft Access & Power Point) (6-Months)	\$540	\$25		\$565
Computer Technology (6-Months)	\$900	\$25		\$925
Electronic Technician (6-Months)	\$1,080	\$25		\$1,105
Electricity Technology (6-Months)	\$2,400	\$25	\$350	\$2,775
Electrician License C-10 (6-Months)	\$2,400	\$25	\$445	\$2,870
Electronic Technician Assistant (6-Months)	\$540	\$25		\$565
Graphic Design (12-Months)	\$1,800	\$25	\$110	\$1,935
Mechanical Design (SolidWorks/ProEngineering) (6-Months)	\$1,200	\$25		\$1,225
Machinist Set up & Operator (3-Months)	\$1,200	\$25		\$1,225

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Machinist Set up & Operator In Advance(3-Months)	\$1,200	\$25		\$1,225
Networking Technology (6-Months)	\$600	\$25		\$ 625
PCB Design & Layout (6-Months)	\$1,800	\$25		\$1,825
RF Technology (12-Months)	\$3,600	\$25	\$150	\$3,775
Solar Photovoltaic Installation (9-Months)	\$1,800	\$25		\$1,825
Web Design (6-Months)	\$900	\$25		\$ 925

AUTO CAD: COMPUTER-AIDED DRAFTING
(6 months/24 weeks)

Tuition \$1,200
(\$200/month)
Material \$90

Drafting is a graphic language used by the industry to communicate ideas and plans from the creative design stage through production. Students enrolled in this program will receive training in the fundamental principles of technical drawing, standard procedure for producing designed working drawings of a structure and mechanical devices indicating dimensions, fasteners and joining requirements, and other engineering data. The world of technical drawing and design is going through a period of major transition from manual to automated techniques; Computer-Aided Design and Drafting (CADD) has become the standard tool, but elements of the traditional methods and tools remain.

AUTO Repair / Modern Automotive Technology
(8-months)
(Fundamentals of Auto Repair and Maintenance)

Tuition \$4,800
(\$600/month)
Material \$150

Take the most direct route to success and start your automotive career by training to be an automotive Technician. With comprehensive instruction from knowledgeable ASE Certified Instructors who have years of professional experience, student will get one-on-one, hands-on-training, using techniques and industry standard tools to complete diagnostics and repair automobile. Importance thing is teaching for Student learns to pass ASE State Exam (Automotive Service Excellence). After complete program and become come an Automotive Technician, you will find a job easily, your income increase and save money by working your own vehicle.

Below are 4 ASE test that student will take after complete program:

- (A1) Brakes
- (A2) Automatic Transmission/Transaxle
- (A3) Engine Repair
- (A4) Electronic/Electrical Systems

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AUTO Repair / Modern Automotive Technology
(8-months) **In Advance**

Tuition \$4,800
(\$600/month)
Material \$150

Student must take Fundamentals of Auto Repair and Maintenance Level 1 before attends this class.

Below are 4 ASE test that student will take after complete program:

- (A5) Suspension and Steering
- (A6) Manual Drive Train and Axles
- (A7) Heating & A/C
- (A8) Engine Performance

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ACCOUNTING
Accounts Payable & Accounts Receivables
(6 months)

Tuition \$1,080
(\$180/month)

To obtain knowledge of accounting concepts and procedure with the changes practice on computer application software like Quick book, Microsoft Excel, Power Point and Access.

When complete, this program will provide the following:

- Preparation for students entering the job market in the field of accounting as: Accounts payable or Account Receivables.
- A practical background in accounting for students embarking on various other businesses Career such as: Clerical, Secretarial, Data entry.
- Preparation background for students planning more advanced studies in accounting.
- To know the accounting information systems (AIS-DATA BASE), its relationship to the information system. These information systems will link to the organization. They recognize the accountant's role in relation to the current environment for the AIS.
- Have knowledge of computer application as: Quick book, Microsoft Excel, Power Point and Access. It helps for financial accounting of business.

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CNC Programming – (GEOPATH)
(6 months)

Tuition \$1,080
(\$180/month)

Students will learn **GEOPATH** Cad/Cam software system and the **G-ZERO** Cam software system to write the program for machine shop projects. Students enrolled in this program will also receive training in the fundamental principles of technical programming and introduction to the theory and application of **GEOPATH/G-ZERO** commands and tools of 2D and 3D modeling and machining.

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CNC Programming in Advance – (Master Cam) (6 months)

Student will learn to write the program for machine shop by using program of **MASTERCAM** software system in order to communication between computer and machine shop. Students will able write program of **MASTERCAM** commands, tools of **2D, 3D and Multi Axis**.

Master Cam for Mill machine
(6 months)
(2&3 Axis has 2-books is \$150)
(Multi-Axis has 1-books is \$100)

Tuition \$1,200
(\$200/month)

Master Cam for Lathe machine
(4 months/24 weeks)
(Books \$75)

Tuition \$1,200
(\$300/month)

COMPUTER OFFICE (Microsoft Office)

Tuition \$1,080

This course is to help student demonstrate the ability to use a word processing application on a personal computer. **Microsoft Words:** student will gain all the basic skills that you need to create a wide range of standardized business documents. **Microsoft Excel:** Student will gain all the basic skills in record bookkeeping, basic math function, and charts for presentation, etc...**Microsoft Power Point:** Student will gain all of the basic skill in designing and creating slides for presentation for meeting or sales. **Microsoft Access:** student will learn how to create a database to keep all of your information or record for future use. **Microsoft Publisher:** student will learn how to publish newsletter, brochures or advertisements.

Microsoft Word & Excel
(6-months)

Tuition \$540
(\$90/month)

Microsoft Access & Power Point
(3-months)

Tuition \$540
(\$90/month)

COMPUTER TECHNOLOGY (6-months)

Tuition \$900
(\$150/month)

This course is designed to provide students with knowledge and skills to build-up computer, repair, upgrade, install new hardware, configure and troubleshooting on personal computers, PC systems. The graduate student should be able to assemble a computer as Computer Technician, run diagnostics and solve hardware problems.

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ELECTRONIC TECHNICIAN (ETC-102)
(6-months)

Tuition \$1080
(\$180/month)

Students will learn to read and analyze circuits from schematics. They will learn AC/DC concepts and principles, the action of Electron flow, Analog & Digital Circuit, digital number systems, Boolean algebra, Digital integrated circuits, Logic gates, Flip-flop, Binary counter, shift registers, troubleshooting and circuit design.

ELECTRICITY TECHNOLOGY:
(6 months)

Tuition \$2,400
(\$400/month)
Books & Material \$350

The program is residential and commercial electrical maintenance course. We focus on technique and equipment in which require a through knowledge of electrical equipment and wiring. After complete this program student can work under an Electrician License as install new electrical equipment, repair or replacing items as fuses, circuit breaker, lighting system, transformers, generators, etc...Student can read and do a job from blue prints/diagram. Furthermore, it will help for student take the exam for Electrician License C-10 or Electrical Code. Approximate earn wage \$20-\$35 per hours in the Construction Company.

ELECTRICIAN LICENSE C-10
(6 months/24 weeks)

Tuition \$2,400
(\$600/month)
Books & Material \$445

Students will learn fundamentals of Electrical; Properties and Splicing of Conductors; Circuit Calculation; General Electrical Equipment and Batteries; Transformers; Solid Sate Devices and Circuits; Generators and Motors; Interior Wiring; Electrical Lighting. In addition, students will learn all legal aspects of a contractor or contractor-to-be. These aspects include Financial Requirements, Bonds, Judgments and Outstanding Liabilities, Worker Compensation, Changes in Personnel, Renewing License, Construction Standards and Safety Regulations, Rules and Regulation

The course prepares student to take the test for C-10 License.

“Students are required four years of practical experience in that field before to take the test for License AND must passed The Contractors’ License Law before to take The Electrical Test to become The Electrician License C-10”

ELECTRONIC TECHNICIAN ASSISTANT
(6-months)

Tuition \$540
(\$90/month)

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Electronic assembly knowledge as: soldering procedure, components identification, color codes, schematic symbol. Student will learn how to touch up, rework, wiring, cable on the PC board.

SMT: skill hand on Surface Mount Technology with knowledge and components identification, specification, technique hand on soldering on the SMT boards.

QA & QC: Provide students with knowledge on Quality Assurance and Quality Control as: Process control, inspect production how to fit standard requirement from industry.

GRAPHIC DESIGN
(12 months/48 weeks)

Tuition \$1,800
(\$150/month)
Books & Material \$110

Graphic Design is communicate ideas using words and images. Design emphasis composition on color, value, positive and negative space, shape and line. Student will learn how to generate design ideas and develop them into a portfolio. The focus of the course is to develop an awareness of the computer in graphic and layout. Achieve working knowledge of **Photoshop** and **Illustrator** Adobe.

MECHANICAL DESIGN

Apply **SOLID WORK** or **PRO-ENGINEER** software/programming language and command to sketch or design tools of 2D and 3D modeling Mechanical products by request from Mechanical Engineer designer. In this program will receive training in the fundamental principles of technical drawing, standard procedure for producing designed working drawings of a structure and mechanical devices indicating dimensions, fasteners and joining requirements, and other engineering data.

Solid Works
(6-months)

Tuition \$1,200
(\$200/month)

Pro Engineering
(6-months)

Tuition \$1,200
(\$200/month)

MACHINIST SET UP & OPERATOR
(3 months)

Tuition \$1,200
(\$400/month)

Students will learn how operate machinist machine of Mill/lathe machines. They know how to read and understanding of Blue prints and how to measure equipments in precision. They also learn debugging and finishing products come out from machine and maintenance machine. After finish this program, they will be a machinist operator with many years experience and easy get job after that. Student will be practice on Mill or Lathe machine.

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**MACHINIST SET UP & OPERATOR
In Advance**
(3 months)

Tuition \$1,200
(\$400/month)

If student plan to become CNC programmer; this course is a gap between machinist set up and programming. Student will learn more detail on set up. Learn how to communicate between machine and programming.

NETWORKING TECHNOLOGY:
(6 months)

Tuition \$600
(\$100/month)

Program develops to install, configure and troubleshoot problems of networking system. Build your own network. Manage Network just like any Administrators. Have knowledge to understand of different types of Network Operating System.

PRINTED CIRCUIT BOARD (PCB) Design & Layout
(6 months)

Tuition \$1800
(\$300/month)

Printed Circuit Boards Design is using **Allegro** modem full version software to create parts, draw schematics, design and layout PC boards. Student will design and layout Printed Circuit Boards using Modem full version software. In addition to attending lectures, students complete 4 projects. Each project introduces new concepts and techniques which increase in difficulty culminating with a 6 layer 400 component board.

This is a hand on class that requires many lab hours. As a member of the Higher Education program offered by Mentor Graphics, we are proud to use PADS, sophisticated, full-featured board design software, students will learn to create parts and schematics using Power Logic, design and layout boards using Power PCB, and use the advanced routing features of Blaze Router.

RF technology
(12 months)

Tuition \$3,600
(\$300/month)
Book & Material \$150

This is the first course in the series of RF technology, a hot field now and in the future. In this course, students will learn Frequency Spectrum, RF behavior of resistors, capacitors and inductors at high frequency, chip components, circuit board and RF circuit manufacturing process. In the second part, students will learn Transmission Analysis such as two wire lines, Coaxial line and micros trip lines. The course also covers standing waves, input impedance, short circuit and open circuit Transmission line, Input Impedance matching. The end of the course will study an over view of RF Filter design such as Low pass, High pass and Band pass Filters.

SOLAR PHOTOVOLTAIC INSTALLATION
(9 months)

Tuition \$1,800
(\$200/month)

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In this course student will learn Solar Photovoltaic configurations and installation techniques. They will be applied into Residential and Commercial Construction. Upon successful completion of this course, the student will have knowledge for a position of Solar PV Installation in the field.

Installation work will involves working with a team to mount rooftop photovoltaic arrays, as well as installing electrical wiring and digging trenches for underground conduit. Work is outdoors, so individual must be comfortable working in all types of weather conditions. Approximate earn wage \$20-\$35 per hours in the Construction Company.

Requirement: Have knowledge in Electrical field (A/C & D/C theory) and experience. If you have any question, please meet Counselor for advisor.

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WEB DESIGN (WEB-101):

This course is helping students design their own Web site-exploring all new techniques and application for those who are new to the Web-publishing world. Get a skill from building very simple HTML documents to developing Web sites with CSS 1, CCS2, DHTML, and Java Script to create a popular, complete, informative, exciting and competitive Web site. No writing HTML code, using Software create Web Site in 5-step, display Web Site with sideshow including music background, no experience HTML needed. After complete, you will be able to design a Web Page for your Own, Small business or any Organization, Etc...

6-months/24 weeks

Tuition \$900
(\$150/month)

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