

Training Center Management

Managing a training center means more than teaching classes. It requires the careful planning of courses, instructors and rooms as well as evaluating the course instruction and analyzing the market to determine future course offerings. The Training Center Management (TCM) Template from Texas Instruments supports these many diverse requirements.

Developed as an Information Engineering Facility™ (IEF™) application, the TCM Template takes full advantage of the IEF's integrated computer-aided software engineering (I-CASE) features. With these I-CASE benefits and the extensive capabilities of the TCM Template, you can effectively manage your training center.

Features

The comprehensive features of the TCM Template support:

- Course administration
- Student enrollment
- Student accommodations
- Billing
- Market analysis

Course Administration: The TCM Template allows you to define training programs, courses and sessions in your training center curriculum. A training program is comprised of a list of courses that relate to a particular job description or subject area. For each course, descriptions, enrollment criteria as well as confirmation and approval requirements are kept. For each session, the instructor, dates, location, and topics of each course are maintained along with tuition and hotel costs. In addition, you may view

online each session's enrollment, wait list and pending counts. These and other displays may easily be customized to meet your unique needs.

After the curriculum is defined, instructors and classrooms can be assigned online. Other vital course information such as required minimum enrollment, actual students enrolled and maximum number allowed is also available.

Student Enrollment: A student can be assigned to any number of courses without re-entering identifying information. He or she can be enrolled immediately, signed-in as a guest or wait listed. A student can even be automatically registered for a secondary course selection. Confirmation letters may be sent to the student, the sponsoring organization or both.

Student Accommodations: This feature of the TCM Template is similar to an advanced hotel reservation system. It includes online reservations, front-desk check-in, personal charge accumulations and an orderly check-out procedure. All detail charges and living expenses are accumulated for each student. If your training center does not have lodging facilities, local hotel information can be recorded.

Billing: An accounting capability is built into the TCM Template to track costs and charges incurred for each student. Charges can be handled as taxable or non-taxable expenses. Personal and company charges can also be separated. The Template furnishes billing summaries for proofing and adjustment as necessary.

Market Analysis: Valuable course and student information is provided as a by-product of each course session. This



information can be useful when making strategic curriculum decisions and identifying specific course changes.

Benefits

As business directions change, your training center needs change. The following benefits allow you to adjust the TCM Template rapidly to meet new requirements, giving you a competitive edge.

Customized Solution: The TCM Template is provided in the form of an IEF model which can be easily tailored to meet the unique needs of your business. You make modifications at the diagram level, with consistency enforced by IEF software, instead of applying the changes to source code. This simplified approach gets you up and running more quickly with an operational system that satisfies all of the varied management requirements of your training center.

Ease of Maintenance: Maintaining systems used to mean adding, changing and deleting lines of code, a very tedious and time-consuming process. Now you can maximize maintenance productivity because IEF diagrams are modified, not code.

Multiple Platforms: If you have changes to the Template, you only make them once. You may then run the same application in multiple execution environments.



The TCM Template supports course administration, student enrollment, student accommodations, billing, and market analysis.

The Training Center Management Package

Components of the TCM Template are:

- IEF model that can be customized
- Sample interfaces to other systems
- Development guide

The IEF model contains 37 entity types, 97 online transactions and 4 batch transactions.

Sample interfaces to other systems are provided that print reports, submit batch jobs and send billing records to invoicing or general ledger systems.

The development guide is a clearly written manual that is easy to follow. It contains detailed definitions of terms used throughout the Template and examples of every online screen.

Meeting Training Needs

Now you can apply the flexibility and adaptability of the IEF to satisfy the extensive training center management information requirements. With the TCM Template your training center can be more pro-active in meeting ever-changing training demands.

Technical Requirements:
Contact your Texas Instruments representative concerning technical requirements for using this Template.

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