

TRAINING CURRICULUM

2011-2012



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- 1. TRAINING3
 - 1.1. Introduction3
 - 1.2. Training: Introduction to ICRON (Code: ICR 101).....4
 - 1.3. Training: GSAMS (Code: ICR 102)5
 - 1.4. Training: Planning and Scheduling Concepts Training (Code: ICR 103)6
 - 1.5. Training: Introduction to Scheduling Algorithms (Code: ICR 104)7
- 2. PLANNING8
 - 2.1. Q1, Q2, Q3 20118
- 3. REGISTRATION 10
 - 3.1. Fees 10
 - 3.2. Registration. 10
 - 3.3. Location..... 10
- 4. ACCOMODATION AND TRANSPORTATION..... 11
 - 4.1. Accomodation 11
 - 4.2. Transportation 15
 - 4.3. Istanbul 16

1. TRAINING

1.1. Introduction

The unique architecture and embedded features of the ICRON solution dramatically decrease the need for investment in training. By following the courses provided by ICRON or ICRON-approved training partners, your users will be able to learn how to optimally plan and schedule

The training programs are tailored to the needs of the individual, whether you are an end-user interested in learning how ICRON works, or an IT professional who needs to know how to use ICRON in order to provide the best possible solution for your clients.

To ensure quality and successful projects, ICRON has defined a Certification Program. Project Managers, Business Consultants, Algorithm Experts, ICRON Specialists and Technical Consultants have the opportunity to become ICRON Certified; history shows that this certification serves as a unique selling point when involved with prospects or customers.

For Implementation Partners, certification of their employees means a chance to increase the implementation and support service levels and the ability to position their company as a professional partner for ICRON implementations.

Certification increases the quality of the services that ICRON Implementation Partners offer and helps form well-balanced project teams.

To be awarded the ICRON Certification, the student needs to finish the training successfully. More details will be provided at the beginning of each training.

In principle, all course are in English and given at our R&D facilities in Turkey:

ICRON Technologies
Arı 1 Teknokent
İTÜ Ayazağa Kampüsü, B 21
34469 Maslak
İstanbul
Turkey



1.2. Training: Introduction to ICRON (Code: ICR 101)

Objective:

This training provides the student knowledge about the ICRON building stones and concepts. At the end of the training the student will be able to understand and model ICRON for creating his/her own basic planning models.

Content:

- General information on system structure and functionalities
- ICRON CP Model
- ICRON APS Model
- User interface (Reports, Charts, Explorers etc.)
- B-port
- Intro. GSAMS (basis, functionalities, usage..)
- Examples of Real life solutions

Duration:

5 Days

Pre-requisites:

Basic Knowledge on Planning Concepts and Supply Chain Planning experience.

1.3. Training: GSAMS (Code: ICR 102)

Objective:

In this course the attendant will be able to structure, create, debug and finalize algorithms using GSAMS. The functionalities and capabilities of the tool will be discussed in depth.

Content:

- GSAMS editor
- Database Structure, Reading from and Writing to Database
- System's Object Representations, GSAMS Components
- System's Layer Definitions, Functions, Expressions
- Docking Mechanism: Local/ Global, Fields and Relations
- New Class Definitions and Creating and Relating New SQL's
- Algorithm Nodes, Algorithms, Debugging / Constraint Handling
- Summary and Examination of Existing Algorithms

Duration:

5 Days

Pre-requisites:

Training ICR101

Basic Knowledge on Planning/Scheduling Concepts, Object Oriented Programming

1.4. Training: Planning and Scheduling Concepts Training (Code: ICR 103)

Objective:

With this training the attendants will be able to understand and discuss the Planning and Scheduling Systems, see different approaches and solution techniques and have a deep insight into scheduling issues.

Content:

- Planning (Tactical-Strategic-Operational Level), Scheduling
- New manufacturing environment, Computer Integrated SCM
- MRP/MRP II, JIT, OPT
- Capacity Planning problems
- Scheduling issues with a running example

Duration:

3 Days

Pre-requisites:

General knowledge on Planning, Scheduling and Supply Chain Management
Mid-level computer usage information

1.5. Training: Introduction to Scheduling Algorithms (Code: ICR 104)

Objective:

With this training the attendants will be able to understand how to develop and technically model a scheduling algorithm, what issues should be considered and managed.

Content:

- Technical Structure, (Objects, Classes and Relations)
- Develop a basic scheduling algorithm
- Run and debug
- Modify visuals (charts, reports etc.)

Duration:

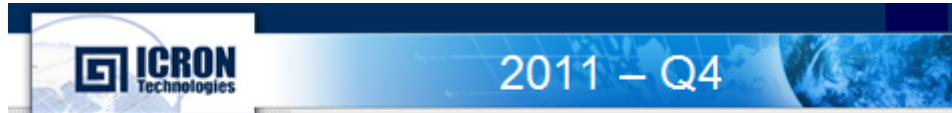
1 Day

Pre-requisites:

General knowledge on Planning, Scheduling and Supply Chain,
High-level computer usage information, preferably object oriented programming

2. PLANNING

2.1. Q4 2011



| Code | Code / Name of the training | 2011 | | |
|--------|--|----------------|------------------------|------------------------|
| | | October | November | December |
| ICR101 | Introduction to ICRON (5 days) | 10-11-12-13-14 | 28-29-30-1-2 | Available upon request |
| ICR102 | GSAMS (5 days) | 17-18-19-20-21 | Available upon request | 12-13-14-15-16 |
| ICR103 | Planning and Scheduling Concepts Training (3 Days) | 24-25-26 | Available upon request | 19-20-21 |
| ICR104 | Introduction to Scheduling Algorithms (1 Day) | 27 | Available upon request | 22 |

2.2. - Q1,Q2,Q3 2012



| Code | Code / Name of the training | 2012 | | |
|--------|--|----------------|----------------|-------------|
| | | January | February | March |
| ICR101 | Introduction to ICRON (5 days) | 9-10-11-12-13 | 6-7-8-9-10 | 5-6-7-8-9 |
| ICR102 | GSAMS (5 days) | 16-17-18-19-20 | 13-14-15-16-17 | 12-13-14-15 |
| ICR103 | Planning and Scheduling Concepts Training (3 Days) | 24-25-26 | 21-22-23 | 20-21-22 |
| ICR104 | Introduction to Scheduling Algorithms (1 Day) | 27 | 24 | 23 |



2012 – Q2

| Code | Code / Name of the training | 2012 | | |
|--------|--|---------------|----------------|----------------|
| | | April | May | June |
| ICR101 | Introduction to ICRON (5 days) | 2-3-4-5-6 | 7-8-9-10-11 | 4-5-6-7-8 |
| ICR102 | GSAMS (5 days) | 9-10-11-12-13 | 14-15-16-17-18 | 11-12-13-14-15 |
| ICR103 | Planning and Scheduling Concepts Training (3 Days) | 17-18-19 | 22-23-24 | 19-20-21 |
| ICR104 | Introduction to Scheduling Algorithms (1 Day) | 20 | 25 | 22 |



2012 – Q3

| Code | Code / Name of the training | 2012 | | |
|--------|--|------------------------|------------------------|----------------|
| | | July | August | September |
| ICR101 | Introduction to ICRON (5 days) | Available upon request | Available upon request | 10-11-12-13-14 |
| ICR102 | GSAMS (5 days) | Available upon request | Available upon request | 17-18-19-20-21 |
| ICR103 | Planning and Scheduling Concepts Training (3 Days) | Available upon request | Available upon request | 25-26-27 |
| ICR104 | Introduction to Scheduling Algorithms (1 Day) | Available upon request | Available upon request | 28 |

3. REGISTRATION

3.1. Fees

The standard training fee is Euro 350/day ex VAT.

3.2. Registration.

Registration and info on the availability of training-seats through the training desk:

Mrs Banu Usanmaz

Email: bau@icrontech.com

Mrs Ebru Kutluca

Email: exk@icrontech.com

3.3. Location

Address Training location

ICRON Technologies
Arı 1 Teknokent
İTÜ Ayazağa Kampüsü, B 21
34469 Maslak
İstanbul
Turkey



4. ACCOMODATION AND TRANSPORTATION

4.1. Accomodation


ICRON has some preferred hotels, according to their distances and facilities. These hotels are either on walking distance from the training centre or located close to the city centre, all on the European side. Some of them are listed below. These prices are subject to change, the internet prices can be lower than these. The transportation times are approximate, note that İstanbul has a serious traffic problem in the rush hours. Please contact us, if you prefer to have our support about your reservation issues.


For subway transportation, just exit at the ITU subway station




which is 5 minutes from ICRON.


| | |
|---|---|
| <p>Sheraton Hotel - Maslak</p> |  |
| <p>www.sheratonistanbulmaslak.com</p> | |
| <p>5 min by taxi, 10-15 min walking distance</p> | |
| <p>Singleroom btw 130 -135 € * Breakfast excluded * VAT included</p> | |


| | |
|--|--|
| <p>Swiss Hotel – Bosphorus</p> |  |
| <p>www.swissotel.com.tr</p> | |
| <p>20 min taxi 45 min by public transportation</p> | |
| <p>Singleroom btw 160 - 165 € *Breakfast excluded * VAT included</p> | |


| | |
|---|--|
| <p>Mövenpick Hotel</p> |  |
| <p>www.moevenpick-istanbul.com</p> | |
| <p>10 min by taxi 15 min by subway</p> | |
| <p>Singleroom btw 165 – 170 € *Breakfast excluded * VAT included</p> | |

| | |
|--|---|
| <p>Hilton İstanbul</p> |  |
| <p>www.hilton.com.tr</p> | |
| <p>25 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 175 – 180 € *Breakfast included * VAT included</p> | |

| | |
|--|--|
| <p>Hilton ParkSA Hotel</p> |  |
| <p>www.hilton.com.tr</p> | |
| <p>30 min by taxi 45 min by public transportation</p> | |
| <p>Singleroom btw 135 – 140 € *Breakfast included * VAT included</p> | |

| | |
|--|--|
| <p>Conrad Hotel</p> |  |
| <p>www.hilton.com www.conradhotels1.hilton.com</p> | |
| <p>25 min by taxi 35 min by public transportation</p> | |
| <p>Singleroom btw 170 – 175 € *Breakfast included * VAT included</p> | |

| | |
|--|---|
| <p>Lares Park Hotel</p> |  |
| <p>www.laresparkhotel.com www.laresparktaksim.com</p> | |
| <p>35 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 100 – 105 € *Breakfast included * VAT included</p> | |

| | |
|---|--|
| <p>Hyatt Regency Hotel</p> |  |
| <p>www.istanbul.regency.hyatt.com</p> | |
| <p>30 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 155 – 160 € *Breakfast included * VAT included</p> | |

| | |
|--|--|
| <p>The Marmara Hotel - Taksim</p> |  |
| <p>www.themarmarahotels.com</p> | |
| <p>35 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 165 – 170 € *Breakfast included * VAT included * Internet included</p> | |

| | |
|--|---|
| <p>TAXIM HILL HOTEL</p> |  |
| <p>www.taximhill.com</p> | |
| <p>35 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 80 – 85 € *Breakfast included * VAT included</p> | |

| | |
|--|--|
| <p>RİVA HOTEL - TAKSİM</p> |  |
| <p>www.rivahotel.com.tr</p> | |
| <p>35 min by taxi 20 min by subway</p> | |
| <p>Singleroom btw 70 – 75 € *Breakfast included * VAT included</p> | |

4.2. Transportation

Flights to Istanbul:

From all major cities of the world, direct flights to Istanbul are available

From European Cities, direct Flights eg:

Turkish Air

KLM

Air France

BA

And many others, including price-fighters like Ryan Air, Transavia, Easyjet, prices from 200 euro.

From USA, direct Flights:

NEW-YORK

Turkish Air - THY Daily flights, prices from 600 euro

CHICAGO

Turkish Air - THY Daily flights, prices from 510 euro

Transportation in Istanbul:

The hotels on walking distance are indeed close to the office. By taxi it will take around 5 minutes.

If you are in the centre of Istanbul, you can either take a taxi (which are quite cheap) or use the subway:

Just exit at the ITU subway station



which is 5 minutes from ICRON

4.3. Istanbul



Istanbul is hot. And we're not talking about the weather. These days, there are more happening restaurants, bars, galleries and clubs around town than there are exquisite Ottoman mosques (and that's a lot). The international fashion and design press have been talking up İstanbul ad nauseam, but the most significant thing about the accolade 'World's Hippest City' is that İstanbullular themselves have come to believe it. The creeping sense of decrepitude that had fallen like a pall over their once-all-powerful home town has vanished, replaced by a sense of energy and innovation not seen since the days of Süleyman the Magnificent.

The city's over-abundance of important historic buildings and exciting new art galleries and museums provides visitors with more than enough to see during the day, but it's at night that the place swings into high-velocity, mega-stylish action. Locals are flocking to see and be seen at an ever-growing array of bars, clubs and restaurants, bringing with them an infectious sense of joie de vivre and a discerning ability to judge these places on their standard of service, drinks, music and food as well as their position in the what's-hot-and-what's-not stakes.

That's not to say that the locals are turning their backs on much-loved city institutions such as the rakı-soaked meyhane (tavern) or tranquil çay bahçesi (tea garden), because they wouldn't dream of doing anything so foolish. They know, after all, that such institutions are one of the reasons that their home is – and always has been – rightfully dubbed the 'City of the World's Desire'.

Source and more: <http://www.lonelyplanet.com/turkey/istanbul>