



ALGEBRA

UČILIŠTE

References



➤ *Here are only some of our 500 education services users*

- AKD zaštita
- Alarm automatika
- Allianz
- Amadeus MAJ
- Američko veleposlanstvo
- Auto Žubak
- Autocesta Rijeka - Zagreb
- Avon kozmetika
- Bavaria pivovara
- Britansko veleposlanstvo
- Carlsberg Croatia
- Centar za vozila Hrvatske
- Chromos
- CityEXPRESS
- Continental film
- Croatia banka
- Crosco
- Dalekovod
- DHL
- Dioki
- Dresdner bank Croatia
- Državna agencija za prodaju nekretnina - APN
- Državni zavod za normizaciju i mjeriteljstvo
- Državni zavod za zaštitu prirode
- Ekonomski fakultet sveučilišta u Zagrebu
- Elektropromet
- Energetski institut Hrvoje Požar
- Ericsson Nikola Tesla
- Erste Bank
- Fakultet prometnih znanosti sveučilišta u Zagrebu
- FER
- Filozofski fakultet sveučilišta u Zagrebu
- FINA
- Grad Zagreb
- Gradska plinara Zagreb
- Gradski ured za zdravstvo, rad i socijalnu skrb
- Grawe osiguranje
- GZAOP
- Hagena
- Hrvatska elektroprivreda - HEP
- Hrvatska narodna banka
- Hrvatska poštanska banka
- HRT
- Hrvatska gospodarska komora
- Hrvatska obrtnička komora
- Hrvatska kontrola zračne plovidbe
- Hrvatske željeznice
- Hrvatski crveni križ
- Hrvatski zavod za javno zdravstvo
- Hypo - Alpe - Adria Bank
- HZMO
- IGH
- INA
- Institut Ruđer Bošković
- Karlovačka pivovara
- Kaufland
- Kinematografi Zagreb
- Klinički bolnički centar Rebro
- Knjižnice grada Zagreba
- Koka
- Kompas
- Končar
- Konzum
- Lagermax
- Lek Zagreb
- Lura
- Metro
- Ministarstvo financija RH
- Ministarstvo obrane RH
- Ministarstvo branitelja RH
- Ministarstvo europskih integracija RH
- Ministarstvo mora, turizma, prometa i razvitka RH
- Ministarstvo poljoprivrede, šumarstva i vodnog gospodarstva RH
- Ministarstvo pravosuđa RH
- Montmontaža
- Nestle
- Odašiljači i veze
- OTP banka
- Partner banka
- Pastor inženjering
- Philips
- Pliva
- Porsche leasing
- Prehrana Zagreb
- PBZ
- Prva sportska kladionica
- PSC Zagreb
- Puris
- PZ Auto
- Recro
- Reiffeisenbank Austria
- Renault Hrvatska
- Robert Bosch
- RTL televizija
- S&T Hermes Plus
- Siemens
- Splitska banka
- Srce
- Stomatološki fakultet sveučilišta u Zagrebu
- Strabag
- Sunčani Hvar (Orco grupa)
- Šumarski fakultet sveučilišta u Zagrebu
- T - mobile
- Tankerska plovidba
- Tankerkomerc
- Tekstilpromet
- Termocommerce
- T - Hrvatski Telekom
- Tvornica duhana Zadar
- TŽV Gredelj
- UNHCR
- Upravljanje hotelima d.o.o.
- Upravni sud RH
- USKOK
- Večernji list
- Veleposlanstvo Australije
- VIPnet
- Vodovod Osijek
- Volksbank
- Vrhovni sud RH
- Wurth Hrvatska
- Zagrebačka banka
- Zagrebačka škola ekonomije i managementa
- Zagrebačka županija
- Zagrebački Velesajam
- Znanje
- Zračna luka Pula
- Zračna luka Zadar

Algebra – **No. 1** IT Training Center in Croatia



- The highest number of held seminars
- The leading Croatian IT Training Center for two consecutive years (IDC Adriatics survey)
- Highest quality of education - Microsoft Croatia (the best MCPLS center - Microsoft Certified Partner for Learning Solutions)
- Highest Customer Satisfaction Index - Microsoft Customer Satisfaction Survey (CSAT)

About us

Algebra is recognized as the leading IT training center in the region with more than **13.000** students attending education in 35 top equipped classrooms. Algebra is also the fastest growing IT training center in the region in terms of IT education diversity that covers all from basic IT skills up to highly specialized IT professional courses. The fastest growth is also manifested in number of employed experts.

In addition to headquarters in Zagreb and subsidiaries in Zadar and Split, Algebra develops powerful partner network in the rest of Croatia. The Algebra Partner system is composed of the most prominent regional training centers as follows:

Astoria (Rijeka), **Spin** (Osijek), **POU Samobor** (Samobor), **Šibenik Private High School** (Šibenik), **5F** (Pula), **Algebra** (Vinkovci), **CZKJ**(Jastrebarsko), **POU Trogir** (Trogir), **POU Zaprešić** (Zaprešić). We are especially proud of Algebra training centers in **Sarajevo** and **Tuzla**, Bosnia and Herzegovina.

Authorizations and Certifications

Numerous authorizations additionally prove the quality of our work:

- **Microsoft** ATC (Authorized Training Center)
- **Microsoft** Gold Certified Partner for Learning Solutions (former CTEC)
- **Cisco** Networking Academy
- **Autodesk** Authorized Training Center for CAD tools
- Partner of the Croatian Project Management Association (HUUP) for education according to the internationally acknowledged **IPMA** and **PMI** standard (International Project Management Association and Project Management Institute)
- **ECDL** and **ECDL Advanced** Certification and Examination Center
- **VUE** Testing Center for undergoing examinations for acquiring information technology certificates

We are the only regional IT training center in possession of the following authorizations:

- **Adobe** Authorized Training Center
- **IBM** Training Provider for education of IT experts according to the Advanced Career Education curriculum
- **Novell** Gold Training Partner



IT education

IT education today is considered to be a part of general education. Professional approach and high standards are indispensable for achieving the necessary level of knowledge and qualification. Algebra provides more than 250 IT seminars covering various areas of IT education.

- **BUSINESS SEMINARS** (MS Office and Lotus Tools, PC maintenance, Internet and Office communications)
- **NETWORKING SEMINARS** (administration of operating systems)
- **WEB SEMINARS** (basic and advanced seminars for web designers utilizing the most popular tools such as Fireworks, Dreamweaver, Flash and mark-up and programming languages such as Java, HTML, VBS, ASP etc.)
- **GRAPHICS SEMINARS** (Adobe tools - Illustrator, Photoshop, InDesign and Acrobat)
- **CAD SEMINARS** (Autodesk tools, ArchiCAD and Pro/ENGINEER WildFire)
- **PROGRAMMER SEMINARS** (MS Visual Basic, C++, ASP.NET, Perl etc.)
- **ADMINISTRATIVE SEMINARS** (theory of accountancy and typewriting)

*35 modern
fully-equipped
classrooms*

Education programs

Education programs are being developed in cooperation and under the supervision of the Croatian Ministry of Science, Education and Sport. They represent systematic and comprehensive educational entities.

The level of achieved knowledge and skills has the formal acknowledgement through record in employment books. Education programs cover a wide range of educational profiles from basic computer operator for office operations to an advanced data base administrators and business applications programmers, as well as a CAD specialist and PC mechanic.

ECDL - European Computer Driving Licence

ECDL certificate represents the internationally acknowledged document certifying the basic information knowledge and skills. It is intended to achieve standardized level of qualification in using computers and to widen the possibilities in one's career.

Advantages of having the ECDL certificate are the following:

- Internationally acknowledged qualification
- Demonstration of certified skills to the employer
- Matching with all relevant software
- Excellent reputation



*More than 13.000
attendants yearly*

ECDL / Basic program

In order to start the process of ECDL acquiring, there is no need for any prior knowledge. The content of the ECDL is created in a way that it covers key concepts of a computer, their practical application on the job and in the society generally.

It consists of seven modules that should be successfully passed prior to issuing the ECDL certificate. The examinee who registers him/herself in the authorized center for testing is issued the ECDL Matriculation Book containing records of all seven modules. Modules may be taken in any order. They may be taken also at one time if this suits the candidate. Such an approach provides for the largest possible flexibility. After all seven modules are passed, the ECDL Matriculation Book is replaced for the certificate and card, containing all modules as well, in addition to the name and surname of the holder.

ECDL / Advanced program

ECDL Advanced program is a logical step forward for those who successfully complete the ECDL Basic Program and want to upgrade their knowledge. Advanced modules provide the candidate the opportunity to use applications above the usual level. It is the most rapidly growing certificate from the ECDL-F family. Each module from the ECDL Advanced Program is designed as the independent certificate in its area. Currently there are four advanced modules available.

By the certificate for ECDL advanced program, the candidates prove that they are organized, successful and productive, able to use the full potential of the application and experts in production of quality and attractive documents.

IT Specialist Education

There are many developed IT specialist programs on the global level, which prepare students for acquiring knowledge and skills necessary for professional work in the IT sector. Growing demand for IT professionals on the labor market resulted in developing quality IT specialist education programs that concentrate on specific IT areas. Algebra IT specialist education enable the students to choose their field of excellence and put their effort in specific knowledge and skills. Since this education ends with international certification, the holder of particular certificate can easily communicate his/her specialty toward potential clients or employer all over the world.

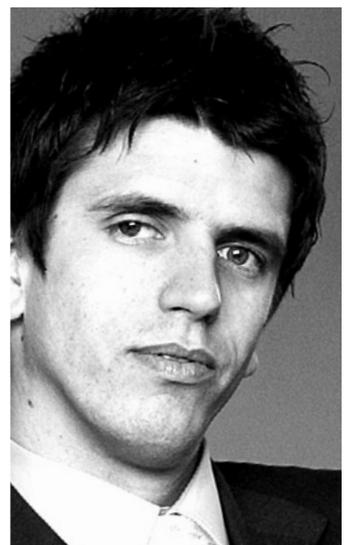
Algebra provides education according to the following specialist IT programs:

- Microsoft education and certificates (Microsoft Official Curriculum)
- IBM Advanced Career Education
- Novell SUSE Linux
- Cisco Networking Academy

*ISO 9001:2000
certified Quality
Management
System*



*Branch offices in
Zadar, Split and
Sarajevo*





Business Education

Companies and their environment, become more and more complex. A large number of possibilities with limited time available make taking decisions and project management very difficult. By the selections of our seminars and programs of education, our students obtain professional knowledge according to internationally acknowledged methodologies as the best recommendation necessary for work anywhere in the world.

Decision Support Academy (DSA)

Decision Support Academy (DSA), is the joint project of: Algebra, Business Intelligence company, Raiffeisen Consulting and Optimalica. The mission of the DSA is to provide top education in the field of decision support.

Decision Support Academy is intended for all who want to acquire knowledge in the field of decision support, particularly for analysts and managers.

Project Management

Market situation requires a certain level of project approach in business operations and people, able to perform it. Companies encounter difficulties in business and resources management regardless whether they want to keep their taken positions or the growth is their imperative.

The insight in the state of all business operations is often aggravated and business operation itself is chaotic. Untimely information is in the today's environment as a rule. Bad information may possibly be followed by a bad business decision.

Project management enables the executive management and each organizational unit efficient orientation to implementation of projects that are in accordance with strategic objectives of the company. Companies using these principles are able to reduce significantly operation costs with simultaneous increase of productivity and to achieve advantages in relation to a competition by quicker return of capital invested in projects.

*9 Algebra
Partner program
members in
Croatia*



*Our offer
includes more
than 250
seminars*

E-products

E-learning

Algebra develops and implements the interactive system for learning, suited for extraordinary high requirements of a modern business environment, taking into consideration all set parameters in planning projects. It is incorrect to identify the application of e-learning with introduction of IT technology. Intervention in practices of employees as it is acquisition and transfer of knowledge causes structural and organizational changes and these changes should be managed. Through the experience of introducing the e-learning educational model, our team developed a number of seminars, workshops and procedures that are necessary in the process of successful implementation.

The complete process consists of four parts:

1. Project Management and Consulting
2. Setting Learning Infrastructure
3. Setting Testing Infrastructure
4. Development of the E-learning Content

1. PROJECT MANAGEMENT AND CONSULTING

- Planning and designing application model
- Pilot projects introducing e-learning education model
- Organization of e-learning content developing project teams
- Development of content by order

E-learning workshops

- Methodology of e-learning and development of e-learning contents
- Administration of Lotus Workplace Collaborative Learning
- Authoring Tool - development of e-learning content

E-learning content offer

E-learning content in Croatian language

- Verified ECDL seminars for MS Office; web seminars

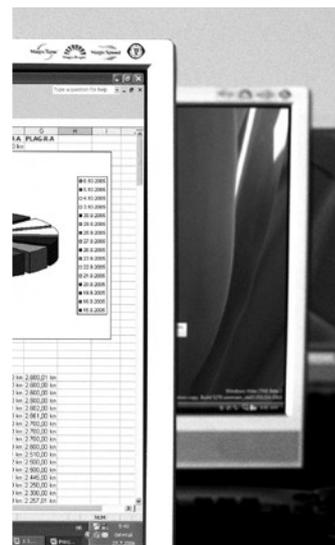
E-learning content in English language - Element K

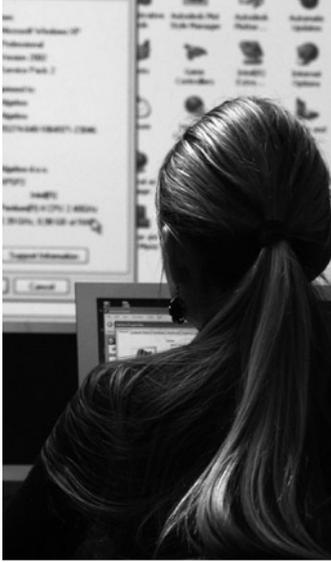
- Cisco; networking and OS; programming; security; project management; business knowledges and skills

More than 2000
e-learning
seminars



Certified
instructors





*We have
developed
myQtest® –
official ECDL
ATES*



*Algebra's café
& restaurant
„STRIPES“
in Zagreb,
Maksimirska 58a*

2. SETTING LEARNING INFRASTRUCTURE

Infrastructural base is the robust IBM e-learning application supporting up to a million of users on one installation.

IBM Lotus Workplace Collaborative Learning

- A part of Workplace portal with support for chat, e-mail, forum, document sharing...
- Simple design of e-learning portal according to own requirements
- Organization and monitoring a complete education
- Reasonable price and possibility of licensing by the user/processor
- Extraordinary robustness

Moreover, depending on the wish of the user, it is possible to use other platforms also, e.g. open source application as it is **Moodle**. It is important to mention that the selection of a platform does not have any impact on the selection of content, as it is adapted to all standard solutions (SCORM and AICC).

3. SETTING TESTING INFRASTRUCTURE

myQtest®

Algebra experts designed the application which administers knowledge testing on the basis of the years long experience in education. In this way, by means of only one tool, the complete process of testing is covered and all of its elements are put under control.

The application **myQtest®** represents a complex examination system that may be used independently or as a supplement to the e-learning system.

- Application developed for comprehensive knowledge tests
- Simple creation of questions, examinations and examination groups
- Use of complex questions simulation by the application of SCORM standards and integration with the LMS infrastructure

ECDL ATES (System for Automatic Testing)

System for automatic testing - ATES is approved as the official system for automatic ECDL testing. The ATES user may acquire the complete system and install it on own hardware infrastructure. This way of use may require certain investment in the infrastructure. The other way of use is the lease of the system which does not require any investments in infrastructure or installation. Internet access is sufficient and the application is executed on the Algebra Internet server.

Examination is the basic part of the application and in designing the examination system, the main objective was maximum control over as large as possible examination parameters. The test is dynamically designed, i.e. its frames like complexity, duration, number of questions from single group etc. are determined. The power of the system is additionally revealed in the fact that the selection of questions put to the attendant is always different, because according to the set keys, questions are a randomly pulled out of the questions base. The largest additional value of ATES is the detailed statistical results processing. Statistical data may be processed by individuals, groups and profiles by examinations and questions, which enables the high flexibility and obtaining credible data.

4. DEVELOPMENT OF E-LEARNING CONTENT

When designing the e-learning content we use the most modern tools in order to obtain top solutions.

Lotus Authoring Tool

- Integral part of the IBM WCL package which is easy customized to the visual identity of the company
- Development of simple tests with all functions and tracking possibilities according to the e-learning standards (**SCORM** and **AICC**)

Articulate Presenter

- Quick development of the e-learning content from PowerPoint presentations (including conversion of almost all animations and interactions from original database and synchronization with voice presentation conducting)
- Supports SCORM standard

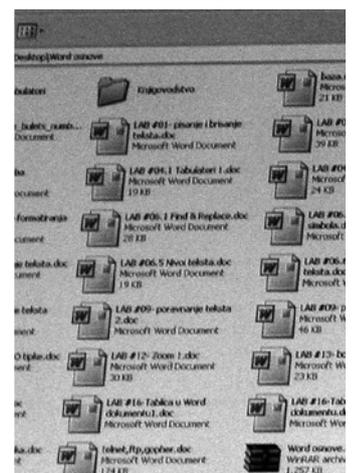
Adobe tools

- **Adobe Captivate** - design of interactive simulations
- **Adobe Dreamweaver i Flash** - creation of e-learning contents

Certification
programs for
end-users, IT
professionals
and business
users



Classroom
equipment
according to
Microsoft Level 4
Standard





myCDL® (Compact Distance Learning)

or “my CD for learning” is educational package by means of which one can master various skills and knowledge whenever, wherever and at own pace. Seminars and educational programs delivered to myCDL® are provably efficient and authentically reflect the quality of Algebra training center.

myCDL® can be used in the office, at home, during the lunch break, on a trip, between meetings...

*Top business
seminars
in Croatia:
Decision Support
Academy
& Project
Management*

For the time being the following myCDL® titles have been in the offer:

- Elements of PC and WindowsXP
- Writing and text processing - MS Word XP
- Creation of table calculations - MS Excel XP
- OfficeXP - elements of office tools
- OfficeXP - specialist
- Web site design
- ECDL - modules 1•2•3•4
- ECDL - modules 1•5•6•7

myCDL® application enables the student to master knowledge and skills at own pace, by reviewing animated demonstrations and presentations, independently solving exercises and tasks for knowledge testing, whereby the system registers all achieved results! The system was designed according to the international e-learning standards.

At the beginning of the year 2006 Algebra received the certificate from the ECDL foundation that new educational myCDL® CD and e-learning meet all required ECDL standards, by which they became **the official educational material for preparing and undergoing the ECDL examination.**



*e-learning
solutions –
myCDL®*

Our Partners



Through franchise programme called “**Algebra Partner**” education is conducted under strict Algebra standards all over Croatia and now in Bosnia and Herzegovina.

➤ **Samobor - POU Samobor**

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➤ **Zaprešić - POU Zaprešić**

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- www.algebra.hr

➤ **Šibenik - privatna gimnazija**

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- www.algebra.hr

➤ **Trogir - POU Trogir**

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 - Algebra Training Center

 - Algebra Partner Training Center



Information technology education

Business Education

E-products

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ECDL
European Computer
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