

Teaching IT Skills

How we do it, from 100 to 6000
students

Who am I ?

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Bewise

- French company expert in Microsoft Solutions
- MSPs, MVPs, Regional Director
- South of France, with sunny weather ☺

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BIG SCHOOL, INTERESTING CHALLENGES

Some of our questions

- How to deliver the same curriculum across 33 campuses with the same quality?
- How to start the courses with so different baselines ?
- How to encourage students to learn beyond the classroom ?



Meeting students' needs



First, communication

- Live@Edu
- Windows Live Messenger
- Intranet with documents, tools, schedules, etc...





Hosted messaging solution for academic
institutions

Exchange 2010 Hosted, 10Gb/mailbox

For free

<http://www.liveatedu.com>

Tools

- Tablet PC
- Virtual machine based courses
- MSDNAA
 - DreamSpark
- IT Academy



MSDNAA

- Free software for all students + faculty
 - MSDNAA require campus subscription
 - OS, Servers, Development tools
- Free courseware
- Free Marketplace/XGA subscription

<http://msdn.microsoft.com/en-us/academic/default.aspx>



Can't afford MSDNAA subscription ?



The screenshot shows the Microsoft DreamSpark website. At the top left is an astronaut illustration. The header includes the 'Microsoft DreamSpark' logo with the tagline 'DREAM TODAY. CREATE TOMORROW'. Navigation links for 'Home', 'Download Software', and 'Support' are present. On the right, there's a 'Change Language' dropdown set to 'English', a 'Microsoft Student Newsletter' sign-up button, and a 'Hello Guest' area with a 'Sign In' button. The main content is divided into three columns: 'GET STARTED', 'DOWNLOAD BY PRODUCT', and 'GET TRAINING'. The 'GET STARTED' column explains that DreamSpark is free for students and lists steps like 'Sign In', 'Get Verified', and 'Download'. The 'DOWNLOAD BY PRODUCT' column features a grid of software options including Visual Studio 2010 Professional, Windows Server 2008 R2 Standard, Visual Studio 2010 Express, Visual Studio 2008 Professional Edition, Windows Server 2008 Standard, Expression Studio 4 Ultimate, and Microsoft SQL Server 2008 Developer. The 'GET TRAINING' column lists resources 'By Reading' such as ASP.NET, Beginner Learning Development Center, and various development guides, as well as a 'By Doing' section.

Microsoft DreamSpark™
DREAM TODAY. CREATE TOMORROW

Change Language: English

Microsoft Student Newsletter

Hello Guest Sign In

Home Download Software Support

GET STARTED

DreamSpark is simple:
It's about giving students Microsoft professional tools at no charge.

It's Easy:

- 1 Sign In

- ✕ Get Verified
- ✕ Download

DOWNLOAD BY PRODUCT

Microsoft Visual Studio® 2010 Professional	Windows phone
Windows Server® 2008 R2 Standard	Microsoft Visual Studio® 2010 Express
Microsoft Visual Studio® 2008 Professional Edition	Windows Server® 2008 Standard
Microsoft Expression Studio 4 Ultimate	Microsoft SQL Server® 2008 Developer

GET TRAINING

By Reading

- ASP.NET
- Beginner Learning Development Center
- DotNETSlackers
- Getting Started with Visual Studio
- Windows Mobile
- XBOX 360 Game Development

By Doing

Free equivalent for students

<http://www.dreamspark.com>

HOW WE SHAPE OUR COURSES

Blended learning

E-Learning

+

Face-to-face learning



The idea behind blended learning

The first steps may take time, but do not make a lot of knowledge.

- Delivering through e-learning allows students to learn the basics at their own pace
- Some others students already have this knowledge

Then, when everybody have a minimum set of knowledge, go back to face to face learning



Part 1 : Foundations

- Delivered through **Microsoft** | IT Academy Program
- Students complete course and labs
- At the end, students take an evaluation



Part 2 : Core knowledge

- Face-to-face learning
- Divided between lectures and labs
- 2-part evaluation
 - Complete lab or project
 - End of semester global test



Déroulement du cours

Foundations

AD Roles

Exploring
AD DS

Managing Users
& Computers

Creating Groups
& OU

Managing Access
to Resources

GPO

Core knowledge & labs

SEQ 1

Overview, installation,
RODC

Installing AD DS

SEQ 2

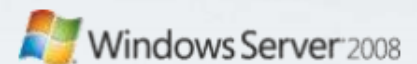
Automation, Trusts, Site
topology

Automation, Trusts,
Site

SEQ 3

Advanced use of GPOs,
Maintenance

GPOs, AD DS
Maintenance



Courses and certifications

- Each course syllabus is targeting a certification (if exists)
- If a student pass a certification, he/she earn credits in the course
- School tuituion fees include exams vouchers
- Some campus are prometric/pearson vue testing centre



THE NEXT CHALLENGES

A better learning experience

- E-learning is not working for all students
 - Concierge service
 - Offline foundations
- Integrating MOAC books to our courseware
 - Powerpoint lab manuals are not working



A better intranet experience

- Moving custom intranet to Sharepoint 2010
 - Our needs are growing faster (labs, group projects, ...)
 - Leverage the Sharepoint connectivity
 - Building offline client



Certifications

- MCTS/MCITP/Other vendors
 - « Cert camps »
 - Test exams
- Introducing MTA
 - Allows first year students to take an appropriate exam



How to teach to digital natives

- Engage them
 - Projects & incubators
 - Community
 - Startups
- Bit literacy
 - How to manage and live with all of our bits



Let's chat together

Thank you