



Case study:

Střední zdravotnická a Vyšší zdravotnická škola Plzeň (College and Higher College of Nursing in Plzeň)

Opportunities for learning via the internet currently available in the Czech Republic are very limited. There are few e-Learning opportunities offered mainly by universities but this type of learning is virtually non-existent in colleges and above all in specialised colleges.

CN and HCN in Plzeň provides tuition via e-Learning to 94 students in a combined study regime in two subjects – Anatomy, and Microbiology and Epidemiology. This method of on-line education has helped the school involve students in the learning process, the need for lengthy and complicated searching through text books which often were not available has been eliminated, and the students have learnt to organise their time according to their needs. CN and HCN in Plzeň is currently the only school of its kind using e-Learning for teaching regular students.

Customer description

CN and HCN in Plzeň is a specialised medical school. Tertiary studies are structured in various specialisations with the aim to educate Registered Specialists.

The solution team of the College and Higher College of Nursing in Plzeň planned the introduction of e-Learning for their target group of students who continue in their studies at the higher college.

Individual project objectives were as follows:

- Introduce e-Learning into the study program in order to teach students how to actively work with modern teaching and learning facilities (computer, internet).
- To prepare methodological and working materials for internet courses.
- To ensure that teachers learn how to work with modern teaching and learning facilities and start using these instruments in their tuition.
- To use e-Learning as one of the forms of tuition.
- To allow students to study independently.

To integrate modern teaching methods in the educational process while taking into account the school's specialisation.

Current status

CN and HCN in Plzeň have a computer network running on the Windows NT operating system. Workstations with the Windows 2000 system are located in teachers' offices and classrooms. Graphics workstation with a scanner is also available. The school operates an intranet and has a wireless internet connection provided by an external operator who also hosts the school web pages. The school has two computer rooms.

Kontis, a company selected as the supplier of the control system and instruments for designing on-line courses, delivered the Tutor2000 control system and ToolBook Instructor development instruments according to the school's requirements.

The school initially decided to use a limited licence (for 100 users – 94 students, 5 administrators and 4 teachers) but plans to purchase an unlimited licence if this distance form of study proves successful.

As students of the higher college study subjects requiring theoretical knowledge, as well as practical skills which cannot be taught through distance learning, the school implemented a combined study regime.





To launch the school's on-line tuition, one subject (course) was selected and structured in individual sections (lessons) with interconnections across the first years of all specialisations. The selected course was **Anatomy**.

Anatomy is a subject with virtually identical modules across all specialisations.



The Anatomy course comprises 21 lessons, each concluded with a test allowing students to check their answers. The course as a whole is concluded with a comprehensive test with a percentage score.

As the response to this form of study on the part of students, as well as teachers was positive, the school proceeded to design a course for **Microbiology and Epidemiology** with a structure of lessons and tests identical to that of the Anatomy course.

As the school organises employee training in first aid, CN and HCN in Plzeň decided to purchase additional 100 licences for employees and started work on an on-line **First Aid** course.

Future

The short-term vision is to create on-line Latin, Management and Psychology courses. The experience with introducing e-Learning at the

school has been very positive and students have learnt to use this form of study to improve the quality of their education.



Statement

Our College and Higher College of nursing is the first nursing college in the Czech Republic allowing its students to benefit from on-line studies. The so-called blended e-Learning – a combined form of study – enables students to organise their independent study at their own discretion and communicate with their teachers during consultation hours not only in person, but also through a web interface. A number of systems and development tools offered by various companies were available for our initial selection. We selected Kontis as we were guaranteed to receive top-quality programs suitable for our conditions. During our cooperation we have seen on a number of occasions that Kontis delivers fast solution to our queries and provides excellent assistance in implementing Tutor in our school. Almost 100 students currently involved in the program and the purchase of 100 additional licences due to the extended range of subjects and courses not only for our students, but also for employees is excellent reference for both parties.

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