

VIA

UNIVERSITY COLLEGE DENMARK

SUMMER SCHOOL



PROGRAM

SUMMER

2011



WHAT IS VIA SUMMER SCHOOL ?

1 - STUDIES DURING SUMMER TIME

14 DIFFERENT COURSES FROM THE FOLLOWING PROGRAMMES:

- INFORMATION TECHNOLOGY
- BUSINESS
- PROGRAMMING
- MANAGEMENT
- ELECTRONICS
- E-BUSINESS
- ECONOMICS
- FINANCE
- LANGUAGES (ENGLISH, DANISH)

ALL COURSES ARE 2 WEEKS LONG AND THEY ARE ARRANGED IN 3 DIFFERENT PERIODS STARTING FROM JULY AND FINISHING AT THE END OF AUGUST.

2 - ATTRACTIONS & FUN FOR YOUR HOLIDAYS

- SAILING - TRIPS - PARTIES – GAMES - BBQ

WHEN ?

PERIOD 1

4 – 15 JULY

Week 27 -28

**E-BUSINESS &
E-COMMERCE
MANAGEMENT**

DIGITAL MEDIA TOOLS

**MOBILE PHONE with
ANDROID**

PERIOD 2

18 – 29 JULY

Week 29 -30

**MICRO CONTROLLER
SPINNING DISPLAY**

DIGITAL MULTIMEDIA

**MANAGEMENT
INFORMATION SYSTEMS**

**ENGLISH & INTER CULTU-
RAL COMMUNICATION**

PERIOD 3

1 – 12 AUGUST

Week 31 - 32

**FIELD PROGRAMABLE
GATE ARRAYS**

WEB ENGINEERING

**TECHNOLOGY
MANAGEMENT**

**ENGLISH & INTER CULTU-
RAL COMMUNICATION**

**MANAGERIAL
ECONOMICS**



E-BUSINESS & E-COMMERCE MANAGEMENT

DO YOU KNOW HOW E-COMMERCE AFFECTS BUSINESS, PROFESSIONS AND PEOPLE AROUND THE WORLD?

This course introduces electronic commerce, also known as E-business, or the process of electronically buying and selling goods, services, and information via computer networks, including the internet.

The course examines how E-commerce is conducted and managed as well as assessing its major opportunities, limitations, issues and risks.

Cost:

None – book can be borrowed from the Library

Prerequisites:

Basic knowledge in economic or information technology

Schedule:

2 weeks. July 4th to July 15th, 2011

5 ECTS

DIGITAL MEDIA TOOLS



**HAVE YOU EVER TRIED TO DESIGN A
WEB COMMERCIAL, WEB SITE, OR
PHOTO - MONTAGED PICTURE ?**

This workshop is both a theoretical and a practical workshop introducing the students to professional digital media tools like Photoshop and Flash, plus design and implementation of user-centered websites focusing on usability and accessibility.

Cost:

None – book can be borrowed from the Library

Prerequisites:

At least 2 years of studying and basic software knowledge

Schedule:

2 weeks. July 4th to July 15th, 2011

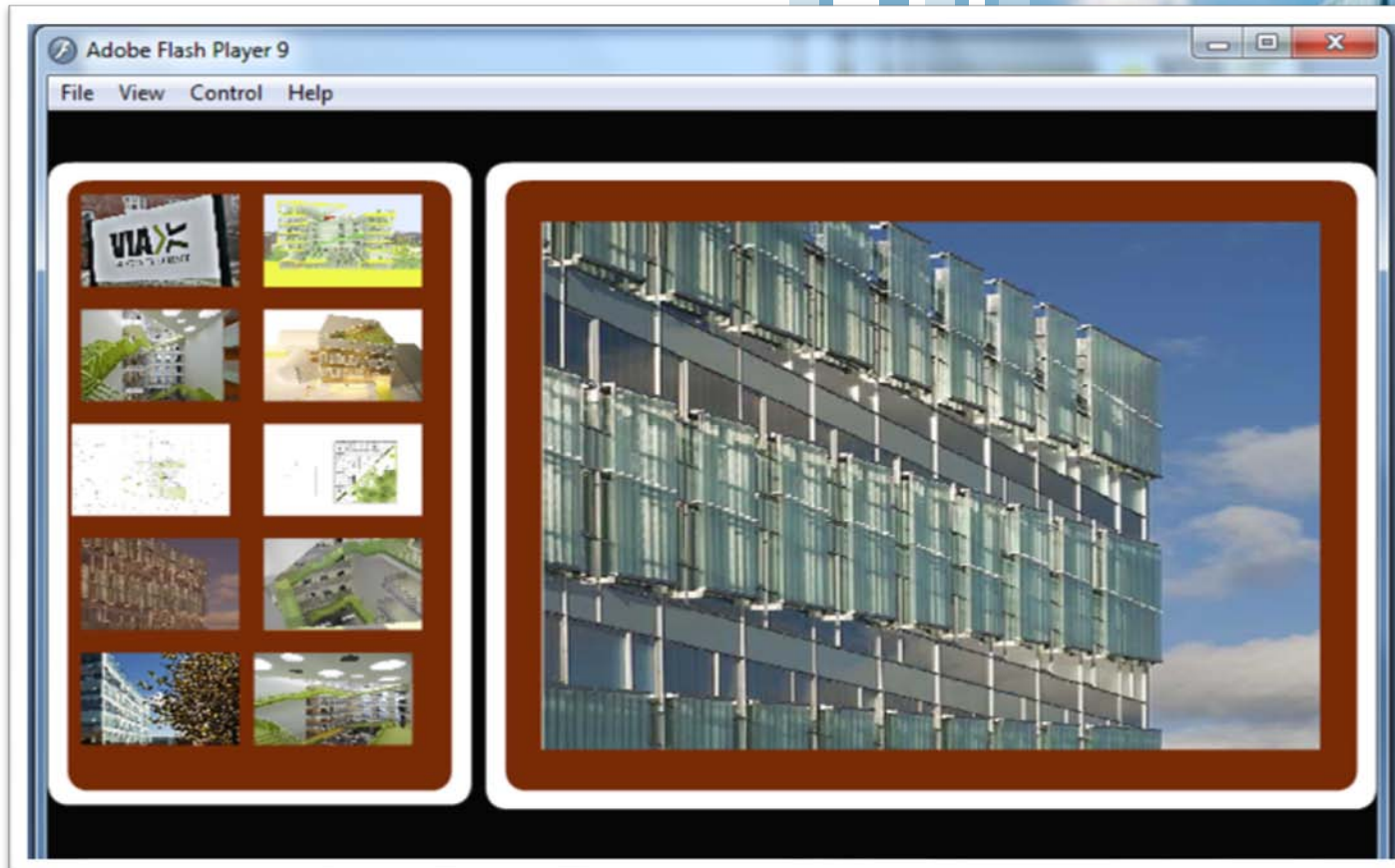
5 ECTS



DIGITAL MEDIA TOOLS



FLASH HERE, FLASH THERE



www.youtube.com/ViaSummerSchool

5 ECTS



MOBILE PHONE with ANDROID

**DO YOU LIKE PROGRAMMING? DO YOU
KNOW THE GPS SYSTEM ?**

This workshop is both a theoretical and a practical workshop where students will be introduced to programming for mobile phones with Android OS and using GPS.

Cost:

None

Prerequisites:

Programming for 2 semesters and basic software knowledge

Schedule:

2 weeks. July 4th to July 15th, 2011

5 ECTS

MICRO CONTROLLER SPINNING DISPLAY



INTERESTED IN MICRO CONTROLLER SYSTEMS
AND SENSORS ?



5 ECTS

MICRO CONTROLLER SPINNING DISPLAY



MICRO CONTROLLER SYSTEMS AND SENSORS

This workshop is a practical workshop where the student will build a spinning display from scratch including building the electronics and programming the micro controller controlling the spinning motor and the display. After the workshop students will keep their own display.

Cost:

50 € – for material and components

Prerequisites:

Programming for 2 semesters

Schedule:

2 weeks. July 18th to July 29th, 2011

5 ECTS





DIGITAL MULTIMEDIA

HOW TO DO ANIMATION ?
MIXING SOUND / PICTURES ?
HOW TO CREATE VIDEO ?



5 ECTS



DIGITAL MULTIMEDIA

WOULD YOU LIKE TO LEARN HOW TO DO AN ANIMATION, HOW TO MIX SOUND OR HOW TO CREATE A VIDEO?

This workshop is a theoretical and practical workshop introducing the students to digital multimedia - plus the creation and editing of common digital media types like vector graphics, bitmapped graphics, audio, video, animation, etc.

Cost:

None – book can be borrowed at the library

Prerequisites:

At least 2 semesters of studying

Schedule:

2 weeks. July 18th to July 29th, 2011

5 ECTS



MANAGEMENT INFORMATION SYSTEMS

**DO YOU KNOW HOW TO COMBINE THE
INTERNET WITH BUSINESS ?**

This workshop introduces information technologies that are critical to modern business organizations, discusses technology and adoption trends, and explores the evolving role of IT in business. The course covers information technologies relevant to business operations, decision making, and E-Business.

Cost:

None – Book can be borrowed at the library

Prerequisites:

Basic knowledge in economic or information technology

Schedule:

2 weeks. July 18th to July 29th, 2011

5 ECTS



ENGLISH & INTERCULTURAL COMMUNICATION

DO YOU KNOW HOW TO WRITE A GOOD REPORT AND COMMUNICATE EFFECTIVELY?

This course will help you to organize and structure your reports, develop skills in giving an oral presentation and understand some of the intercultural aspects in communication. Elementary grammar exercises will be introduced as required.

Furthermore, different study techniques will be introduced to develop the study skills required to study at a higher education programme.

Cost:

None – book can be borrowed in the library

Prerequisites:

None

Schedule:

2 weeks. July 18th to July 29th, 2011

5 ECTS

FIELD PROGRAMMABLE GATE ARRAYS



ARE „FPGA” ARCHITECTURE AND DESIGN FLOWS FAMILIAR TO YOU ?

This course is a practical workshop where students will be introduced to FPGAs and the design software used to configure/program FPGAs. The workshop will alter between theory and practical exercises and hands-on training.

The students will be introduced to FPGA structures like Xilinx FPGA's "fast-carry" logic, 8x18-bit multipliers and "Blok-RAM".

Cost:

None – books can be borrowed from library

Prerequisites:

Digital Electronics and Programming for 2 semesters

Schedule:

2 weeks. August 1st to August 12th, 2011





WEB ENGINEERING

DO YOU WANT TO CREATE PROFFESIONAL WEB SITES ?

This workshop is both a theoretical and a practical workshop introducing the students to the basic principles of the web engineering process, covering web development concepts, methods, tools and techniques.

Cost:

None – book can be borrowed at the library

Prerequisites:

None

Schedule:

2 weeks. August 1st to August 12th, 2011

5 ECTS

TECHNOLOGY MANAGEMENT



MODERN TECHNOLOGIES IN BUSINESS ?

The purpose of this course is to expose you to the dynamics of industries driven by technological innovation, and to train you to think strategically about technological innovation and new product development and deployment.

Cost:

None – materials will be provided

Prerequisites:

Broad understanding of technologies, marketing and statistics

Schedule:

2 weeks. August 1st to August 12th, 2011

5 ECTS





ENGLISH & INTERCULTURAL COMMUNICATION

DO YOU KNOW HOW TO WRITE A GOOD REPORT AND COMMUNICATE EFFECTIVELY?

This course will help you organise and structure your reports, develop skills in giving an oral presentations and understand some of the intercultural aspects in communication. Elementary grammar exercises will be introduced as required.

Furthermore, different study techniques will be introduced to develop the study skills required to study at a higher education programme.

Cost:

None – book can be borrowed in the library

Prerequisites:

None

Schedule:

2 weeks. August 1st to August 12th, 2011

An aerial view of a modern building interior, showing multiple levels with green stairs and balconies. The text "5 ECTS" is overlaid in green.

5 ECTS

MANAGERIAL ECONOMICS



**DO YOU KNOW THE PRINCIPLES OF
MANAGERIAL ECONOMICS?
OR THE DECISION MAKING PROCESS
FOR ENGINEERS?**

Managerial Economics in a Global Economy synthesizes economic theory, decision science, and various aspects of business administration studies, examining how they interact as a firm attempts to reach optimal profitability and efficiency in the face of constraints.

Cost:

None – book can be borrowed from the library

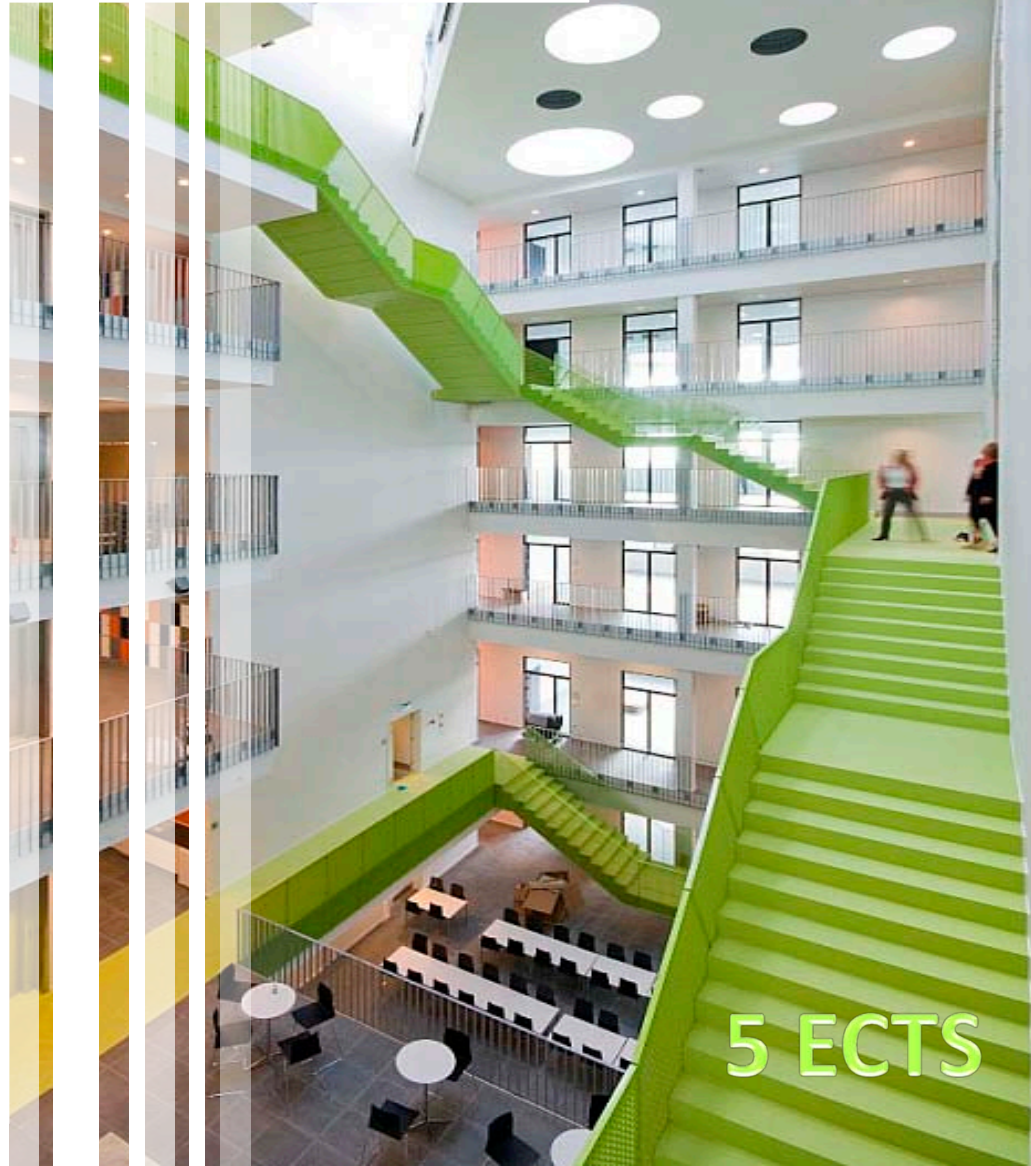
Prerequisites:

At least 1 year of study activities

Schedule:

2 weeks. August 1st to August 12th, 2011

5 ECTS



TIME SCHEDULE



JULY						AUGUST					
1	Fr					1	Mo				
2	Sa					2	Tu				
3	Su					3	We				
4	Mo					4	Th				
5	Tu					5	Fr				
6	We					6	Sa				
7	Th					7	Su				
8	Fr					8	Mo				
9	Sa					9	Tu				
10	Su					10	We				
11	Mo					11	Th				
12	Tu					12	Fr				
13	We					13	Sa				
14	Th					14	Su				
15	Fr					15	Mo				
16	Sa					16	Tu				
17	Su					17	We				
18	Mo					18	Th				
19	Tu					19	Fr				
20	We					20	Sa				
21	Th					21	Su				
22	Fr					22	Mo				
23	Sa					23	Tu				
24	Su					24	We				
25	Mo					25	Th				
26	Tu					26	Fr				
27	We					27	Sa				
28	Th					28	Su				
29	Fr					29	Mo				
30	Sa					30	Tu				
31	Su					31	We				

ACCOMMODATION

You have various options in Horsens:

- Camping: www.husodde-camping.dk
- Youth Hostel: www.danhostelhorsens.dk
- Summerhouses: www.danishholidayhomes.com
- On Campus (sove@viauc.dk)

The rooms on Campus Horsens are fully furnished, and ready to move into - you can walk to school in 2 minutes. Most rooms share a kitchen and bathroom/shower with one other person. If you and a friend wish to live in an apartment together this is also possible, but please notify us of this, so we don't place you elsewhere.

This year Campus rooms will be even cheaper than before:

2 weeks € 200; 3 weeks 300 €; 4 weeks € 400; etc



AFTER SCHOOL



SOCIAL LIFE IN HORSENS

- Everyday activities organised by tutors
- Sailing on VIA University College boat
- Trips and parties
- International student environment

USEFUL LINKS

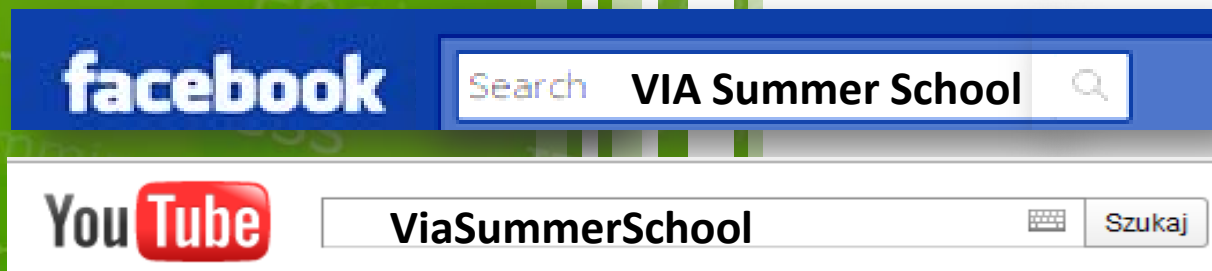
<http://www.visithorsens.dk/>

<http://www.visitdenmark.dk>

<http://studyhorsens.com>

WHERE TO FIND US ?

FACEBOOK / YOUTUBE



OFFICIAL WEB SITE

www.viauc.com/summerschoolhorsens

E-MAIL ADDRESS

SOVE@VIAUC.DK



VIA UNIVERSITY COLLEGE
SCHOOL OF TECHNOLOGY AND BUSINESS
Chr. M. Oestergaards Vej 4
8700 Horsens Denmark
Tel.: +45 87 55 40 00



www.viauc.com/summerschoolhorsens