Advanced C# programming, 7,5 HE credits
Avancerad programmering med C#, 7,5 hp

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Established: 2022-03-09
Established by: School of Business, Economics and IT
Applies from: H22

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Learning outcomes
The student must show knowledge and understanding of
- Object Oriented Programming
- Server architecture
- Advanced programming concepts in C #
- Graphical applications for Windows
- Windows service

The student must demonstrate skill and ability to
- be able to use advance programming concepts to construct computer software

The students should be able to show judgment and approach to
- choice of design and architecture for a computer program
- to identify their need of further knowledge and to develop their skills

Entry requirements
General entry requirements and approved result from the following course/courses:
WPB301-Programming Web Applications and
 GPA130-Fundamental programming with an object-oriented language or the equivalent.

The forms of assessment of student performance
Participation in seminars and individual assignments.

Course contents
The course is an advanced course in programming in C # that requires good prior knowledge
of programming and databases.
The following main areas are addressed: algorithms, code constructs, object orientation,
databases, user interface and Windows service.

Other regulations
Course grading: F/Fx/E/D/C/B/A - Insufficient, Insufficient- more work required before the

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credit can be awarded, Sufficient, Satisfactory, Good, Very Good, Excellent
Course language: The teaching is conducted in English.

A student who does not fully meet the learning outcomes of a non-supervised examination (hemtentamen), but is close to the grade "pass" can, after a decision by the examiner, be allowed to complement (kan skriva supplement eller revise också) an examination assignment in order to reach the criteria for pass. For supervised examination (salstentamen) complementing is not allowed. Complementing of an examination must be individually adapted based on the learning outcomes or objectives that were not achieved by a student. It must take place within two weeks after informing the student of the examination result and before the next examination opportunity.

General rules pertaining to examination at University West are available at www.hv.se.

If the student has a decision/recommendation on special support due to disability, the examiner has the right to examine the student in a customized examination form.

Course Overlap
AVP400

Cycle
First cycle

Progressive specialization
G2F - first cycle, has at least 60 credits in first-cycle course/s as entry requirements

Main field of study
Informatics

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