



Danube Business School Certificate System Life Cycle & ILS Management



University Certificate, Advanced System Life Cycle & ILS Manager

The development and production of high quality, complex technical systems usually focus on economic aspects related to investment cost. However, such systems are in operational use for decades and create substantial future costs for maintenance and support. Modern Life Cycle Management primarily offers innovative concepts to minimize such support costs that typically exceed actual acquisition costs by far.

Decisions in System Life Cycle Management are based on applied procedures and methods to analyse life cycle costs and to develop models for the future costs. Concepts like Supportability Engineering, Maintainability Engineering, „Design-to-Cost“ or „Design-to-Maintain“ respectively comprise strategic forecasting and planning of future efforts to maintain the operability and readiness of systems.

The University Certificate in **System Life Cycle and Integrated Logistic Support Management** offers comprehensive management knowledge with focus on project-oriented enterprises, manufacturers and government organizations with public budgets.

This certificate is offered in cooperation with SSC System Support Consulting GmbH.



MBA Krems

Course content - specialization

The certificate in System Life Cycle & ILS Management has a modular and flexible structure and comprises the following topics:

Strategic System Life Cycle & ILS Management

- > Product Support Strategies
- > Design-to-Maintain
- > Integration of Design, Production and Product Support
- > Interactive and Integrated Processes
- > ILS Elements and Logistic Support Analysis (LSA)
- > Planning and Monitoring Processes (ILS- and LSA-Plan)

ILS Engineering

- > System and Product Modelling
- > Reliability, Maintainability & Availability,
- > Safety & Testability
- > Analysis Methods (FMECA, RCM, LORA, MTA and others)
- > LSA for Software
- > Data Technique, Quality and Reports
- > Feedback Loop for Product Enhancement
- > Life Cycle Cost and Management

Advanced System Life Cycle & ILS Management

- > Standards, Specifications and Directives, NATO Guidelines
- > Procurement Policy and Conditions
- > Project Specific Contract Conditions
- > Project Specific Planning and Management Functions
- > Baselines for Planning and Management Instruments
- > Budget Planning
- > Process Organisation (Concurrent Engineering)
- > Software Tools and Integrated Data Systems

Business Basics

- > Business Administration
- > Managerial Accounting
- > Managerial Economics
- > Cost Accounting





Facts

Target group

Experts and managers with industrial background that wish to broaden their knowledge in System Life Cycle & Integrated Logistic Support Management.

Diploma

Certificate Advanced System Life Cycle & ILS Manager

Structure, duration and program start

- > Modular structure
- > 4 modules of 6-7 days
- > Study period 6-12 months, part time
- > Start in September / individual start possible

Admission & application

- > Students are required to have an undergraduate degree (university / university of applied sciences / advanced technical college) or equivalent professional work experience. Admission requirements will be checked during an interview.
- > Applications may be submitted throughout the year. For more details about the application process and required information, please see our webpage www.donau-uni.ac.at/ils

Teaching language

Englisch or German

Location

LCM & ILS modules are generally taught by SSC in Munich.
The module Business Basics is held at Danube University Krems.

Program fee

Certificate EUR 6.900,-

The program fee does not include any deductible value added tax.
Travel and accommodation cost are not included.

Previously attended LCM & ILS courses and seminars may be credited (individual verification). Advanced students with extensive previous education in System Life Cycle and ILS Management may enrol the compact version of the program (=2 modules; EUR 3.900,-).

Faculty (member selection)

LCM & ILS Management

Peter Eichinger, SSC GmbH

Dipl.-Ing. **Peter Eichmüller**, European Chairman ASD S3000L

Diplom-Informatiker (FH) **Andreas Kirchofer**, T-Systems

Dipl.-Wirtschaftsinformatiker (FH) **Peter Lemke**, T-Systems

Business Basics

Dr. **Anton Burger**, Katholische Universität Eichstätt Ingolstadt

Dr. **Werner Seebacher**, Visting Professor DUK, Business Consultant

Prof. Dr. **Ferry Stocker**, FH Wr. Neustadt

Mag. **Norbert Quinz**, Infora Consulting Group

Kontakt und Bewerbung

- > Mag. Werner Kienast, MBA

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