inf655 - IT-Controlling

Module label: IT-Controlling
Module code: inf655
Credit points: 6.0 KP
Workload: 180 h

Used in course of study:
- Master's Programme Business Informatics > Akzentsetzungsmodule Bereich Wirtschaftsinformatik
- Master's Programme Computing Science > Angewandte Informatik

Contact person
Module responsibility:
- Jorge Marx Gomez
- Die im Modul Lehrenden

Authorized examiners:
- Jorge Marx Gomez
- Die im Modul Lehrenden

Entry requirements
This module emphasizes the importance of IT-Controlling within an enterprise. The students gain knowledge on practically orientated technologies in order to leave a better understanding for the application and conversion possibilities of IT-Controlling.

Skills to be acquired in this module:

Professional competence
The students:
- name general tasks and functions of IT-Controlling.
- recognize the importance strategical IT-Controlling applications.
- learn strategies and methods of IT-Controlling.
- identify the existence of an IT-Strategy as a pre condition of IT-Controlling.
- know about the risks of IT-Outsourcing.
- use IT-Controlling tools (e.g. information systems, portfolio analysis, benchmarking IT-Reporting).

Methodological competence
The students:
- use their knowledge by independently compiled presentations on recent IT-Controlling subjects.

Social competence
The students:
- discuss their results essentially and appropriately in this subject.
- present their subjects to the group.

Self-competence
The students:
- understand and analyse their own state of knowledge.
- reflect their own effects on groups.

Module contents
The employment of information technologies for enterprises is usually a key factor. By the change of our society to an information society, information gains more and more importance and takes a central role within ICT systems. The specifics of the ICT area cannot be supported by the classical economic controlling.

The application of a strategical IT-Controlling becomes more and more important. The result of a study shows that in the meantime in about 80% of the German enterprises an ICT strategy was compiled. However, the study makes also clear, that about two out of three enterprises use no methods of strategical IT-Controlling. The new discipline of IT-Controlling provides plans and methods to avoid isolated applications.

Reader's advisory
- Gadatsch, A: IT-Controlling: Praxiswissen für IT-Controller und Chief-Information Officer. Springer Verlag, 2012
- Gadatsch, A, Mayer, E: Masterkurs IT-Controlling: Grundlagen und Praxis für IT-Controller und CIOs- Balanced Scorecard- Portfoliomanagement- Wertbeitrag der IT-Projektcontrolling-Kennzahlen

- IT-Sourcing- IT-Kosten und Leistungsrechnung. 5 Auflage. Springer Vieweg, 2014


| Links      | http://www.wi-ol.de |
| Language of instruction | German |
| Duration (semesters) | 1 Semester |
| Module frequency | jährlich |
| Module capacity | unlimited |
| Modullevel | AS (Akzentsetzung / Accentuation) |
| Modulart | je nach Studiengang Pflicht oder Wahlpflicht |
| Lern-/Lehrform / Type of program | V+Ü |

| Examination | Time of examination | Type of examination |
| Final exam of module | At the end of the lecture period | Practical work, papers or written examination. Announcement at the beginning of the lecture |

| Course type | Comment | SWS | Frequency | Workload attendance |
| Lecture | 2.00 | WiSe | 28 h |
| Exercises | 2.00 | WiSe | 28 h |

| Total time of attendance for the module | 56 h |