

# Fundamentals of BIS – Learning Resources

## OLAT:

Next to the material provided online on the web you will find all supplementary texts, material, etc. in OLAT.

## Textbook:

Throughout the course we will use the following textbook:

*Rainer, R. Kelly, and Brad Prince. Introduction to Information Systems: Supporting and Transforming Business. Seventh edition (or newer), EMEA edition, 2018.*

**Note:** You may also use an older edition, but please make sure that you use at least the **5<sup>th</sup> edition**. While there are some differences with regard to the examples and mini case provided, the fundamental material hasn't changed much. The following chapters of the book are particularly relevant:

**[Chapter 1] Introduction to Information Systems**

**[Chapter 2] Organizational Strategy, Competitive Advantage, and Information Systems**

**[Chapter 5] Data and Knowledge Management**

**[Chapter 7] E-Business and E-Commerce**

**[Chapter 10] Information Systems Within the Organization**

**[Chapter 12] Business Analytics**

**[Chapter 13] Acquiring Information Systems and Applications**

**[Technology Guide 3] Cloud Computing**

## Slides:

We will also provide a set of slides, which accompany the textbook. These slides might at times extend the material provided in the textbook, but is by no means meant to be the sole learning resource! Instead, it is recommended to **use the textbook as primary source and use the slides as supplementary material as well as use other materials from the web**. Indeed, as part of a university degree, it is assumed that you will study the subject using multiple sources and will base your understanding on as wide a reading base as possible.

## Case studies:

In each chapter of the textbook you will find a number of illustrative (mini) case studies. They all come with some sample questions. It is highly recommended to work through these questions. In addition, we will discuss typical IS issues using the following **larger case study**:

*Beginning SAP R/3 Implementation at Geneva Pharmaceuticals, Communications of AIS Volume 4, Article 2 16 by A. Bhattacharjee, which you can find at: <https://aisel.aisnet.org/cais/vol4/iss1/2/>*

Although already a bit old the issues described during a large ERP implementation are still highly relevant. This case comes with a set of questions related to the textbook (provided in a separate pdf), which you will need to prepare ahead of the virtual session.

## Exam:

The exam will be held via OLAT, and is open book. Thus, questions focus mainly on comprehension, interpretation and transfer of knowledge.