

MN1505 Foundations in Digital Enterprise (Academic year 2019-2020)

[View Online](#)

184 items

Core Text Books (4 items)

See list below for each week for chapters to read: PLEASE TRY TO DO THE ESSENTIAL READING BEFORE THE LECTURE. You will either need to access the ebook and/or purchase a print copy for your own use. Do the reading from one or the other - they should be identical.

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | Essential

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon, 2014

[Book](#) | Recommended

General (7 items)

Insights & Publications | McKinsey & Company

[Webpage](#) | Further

FOLDOC - Computing Dictionary

[Website](#) | Further

Computer Glossary, Computer Terms - Technology Definitions and Cheat Sheets from WhatIs.com - The Tech Dictionary and IT Encyclopedia

[Website](#) | Further

Information Management | IT Business News

[Website](#) | Further

The Nature of Tech: Digital Business Automation - YouTube

[Audio-visual document](#) | Further

SAP Digital Business Services: How do you become an intelligent enterprise? - YouTube

[Audio-visual document](#) | Further

The US Open is powered by the IBM Cloud - YouTubeIBM

[Audio-visual document](#) | [Further](#)

Lectures 1 and 2: The Digital Enterprise (14 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | [Chapter 1](#)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | [Chapter 1](#)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Essential](#) | [Chapter 1](#) (especially the Chapter-Opening Case: Rugby Football Union Tries Big Data)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2014

[Book](#) | [Essential](#) | [Chapter 1](#) (especially the Chapter-Opening Case: Rugby Football Union Tries Big Data)

Data Analytics Paved Way for Leicester Win - Simon Creasey, 2016

[Article](#) | [Essential](#) | [On Leicester FC's use of sports analytics](#)

The Digital Enterprise | McKinsey

[Webpage](#) | [Recommended](#)

10 Simple Design Rules to Make Word Documents Look Professional and Beautiful

[Webpage](#) | [Recommended](#)

10 IT Basics That Business Managers Need to Know - TechRepublic - Mary E Shacklett, 2016

[Webpage](#) | [Further](#)

DCMSDigitalSkillsReportJan2016.pdf

[Document](#) | [Further](#)

World Investment Report 2017 - INVESTMENT AND DIGITAL ECONOMY - wir2017ch4_en.pdf

[Document](#) | [Further](#)

Learning About Information Technologies and Social Change: The Contribution of Social Informatics. - Rob Kling, 2000

[Article](#) | [Further](#)

VII Pillars Of Productivity - Erik Brynjolfsson, 2005

[Document](#) | [Further](#)

7 Reasons Why You Should Learn How to Use Excel

[Webpage](#) | [Further](#)

News, Tips, and Advice for Technology Professionals - TechRepublic

[Webpage](#) | [Further](#) | [Why you need to learn Microsoft Access](#)

Lectures 3 and 4: Google The Digital Garage Masterclasses (11 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | **Essential** | Chapter 6

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | **Essential** | Chapter 6

Digital Business and E-Commerce Management: Strategy, Implementation and Practice -
Dave Chaffey, 2015

[Book](#) | **Essential** | Focus on Social Media and Social CRM Strategy pp.418-426

Digital Business and E-Commerce Management: Strategy, Implementation and Practice -
Dave Chaffey

[Book](#) | **Essential** | Focus on Social Media and Social CRM Strategy pp.418-426

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | **Recommended** | Chapter 10

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon,
2014

[Book](#) | **Recommended** | Chapter 10

The Internet of Things - Michael Chui, 2010

[Article](#) | **Recommended**

Semantic Web - W3C

[Webpage](#) | **Recommended**

E-Commerce Product Recommendation Agents: Use, Characteristics, and Impact - Xiao Bo,
Izak Benbasat, 2007

[Article](#) | **Recommended**

Web 3.0 Gives Business Smarter Infrastructure - Tony Shaw, 2011

[Webpage](#) | **Recommended**

Building an E-Business Strategy - Gary Hackbarth, William J. Kettinger, 2000

[Article](#) | **Recommended**

Lectures 5 and 6: Strategy for the Digital Enterprise (15 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | **Essential** | Chapter 2

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | **Essential** | Chapter 2

Strategy and the Internet - Michael E. Porter, 2001

[Article](#) | [Essential](#)

IT Doesn't Matter - Nicholas G. Carr, 2003

[Article](#) | [Essential](#)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Recommended](#) | Chapter 3

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon, 2014

[Book](#) | [Recommended](#) | Chapter 3

Do You Have Too Much IT? - Andrew McAfee, 2004

[Article](#) | [Recommended](#)

Information Technology Changes the Way You Compete - F. Warren McFarlan, 1984

[Article](#) | [Recommended](#)

How Competitive Forces Shape Strategy - Michael E. Porter, 1979

[Article](#) | [Recommended](#)

How Information Gives You Competitive Advantage - Michael E Porter, Victor E. Millar, 1985

[Article](#) | [Recommended](#)

Competitive Strategy: Techniques for Analyzing Industries and Competitors - Michael E. Porter, 1980

[Book](#) | [Further](#)

What Is Disruptive Innovation? - Clayton M. Christensen, Michael E. Raynor, Rory McDonald, 2015

[Article](#) | [Essential](#)

Disruptive Technologies: An Expanded View - James M. Utterback, Happy J. Acee, 2005

[Article](#) | [Recommended](#)

Apple Value Chain Analysis - Research-Methodology

[Webpage](#) | [Recommended](#)

Apple Inc. Five Forces Analysis (Porter's Model) - Panmore Institute

[Webpage](#) | [Recommended](#)

Lectures 7 and 8: Databases and Data Warehouses (14 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | Chapter 4

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | Chapter 4

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Essential](#) | [Chapter 6](#)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon, 2014

[Book](#) | [Essential](#) | [Chapter 6](#)

How 'Big Data' Is Different - Thomas H. Davenport, 2012

[Article](#) | [Recommended](#)

Big Data: The Management Revolution - Andrew McAfee, Erik Brynjolfsson, 2012

[Article](#) | [Recommended](#)

Breaking the Bad Data Bottlenecks - Jinesh Radadia, 2010

[Article](#) | [Recommended](#)

The 10 Vs of Big Data | Transforming Data with Intelligence

[Webpage](#) | [Recommended](#)

Why Big Data Is on the Rise | Foreign Affairs - Kenneth Neil Cukier, Viktor Mayer-Schoenberger, 2013

[Webpage](#) | [Further](#)

Fundamentals of Database Systems - Ramez Elmasri, Sham Navathe, 2014

[Book](#) | [Further](#)

Database Processing: Fundamentals, Design, and Implementation - David M. Kroenke, David J. Auer, 2016

[Book](#) | [Further](#)

Database System Concepts - Abraham Silberschatz, Henry F. Korth, S. Sudarshan, 2011

[Book](#) | [Further](#)

An Introduction to Database Systems - C. J. Date, 2004

[Book](#) | [Further](#)

Building the Data Warehouse - William H. Inmon, 2005

[Book](#) | [Further](#)

Lectures 9 and 10: IS for the Digital Enterprise (21 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | [Chapter 5](#)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | [Chapter 5](#)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Essential](#) | [Chapter 9](#)

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon, 2014

[Book](#) | [Essential](#) | [Chapter 9](#)

A Multi-Project Model of Key Factors Affecting Organizational Benefits From Enterprise Systems - Peter B. Seddon, 2010

[Article](#) | [Recommended](#)

Putting the Enterprise into the Enterprise System. - Thomas H. Davenport, 1998

[Article](#) | [Recommended](#)

Enterprise Resource Planning (ERP) (5 items)

ERP Experiences and Evolution - Kuldeep Kumar, Jos Van Hillegersberg, 2000

[Article](#) | [Recommended](#)

Survey Finds ERP Software Project Overruns 'Distressingly Common' - Chris Kanaracus, 2012

[Article](#) | [Recommended](#)

Investment in Enterprise Resource Planning: Business Impact and Productivity Measures. - M. Lorin, 2002

[Article](#) | [Further](#)

Top 5 Reasons ERP Implementations Fail and What You Can Do About It - 2013

[Document](#) | [Recommended](#)

Top 10 reasons for ERP failure (and how to avoid it)

[Webpage](#) | [Further](#)

Supply Chain Management (SCM) (5 items)

Interfirm Strategic Information Flows in Logistics Supply Chain Relationships - Richard Klein, Arun Rai, 2009

[Article](#) | [Recommended](#)

Firm Performance Impacts of Digitally Enabled Supply Chain Integration Capabilities - Arun Rai, 2006

[Article](#) | [Recommended](#)

Supply Chain Information Technology - David Louis Olson, 2014

[Book](#) | [Further](#)

Supply Chain Information Technology - David L. Olson

[Book](#) | [Further](#)

What is RFID Used for in the Real World? | RFIDinsider

[Webpage](#) | [Further](#)

Customer Relationship Management (CRM) (5 items)

Strategic, Operational, and Analytical Customer Relationship Management - Iriana Iriana, Francis Buttle, 2008

[Article](#) | Recommended

Social CRM as a Business Strategy - Neil Woodcock, 2011

[Article](#) | Recommended

Know What Your Customers Want Before They Do - Thomas H. Davenport, 2011

[Article](#) | Recommended

Why CRM Fails -- and How to Fix It. - Stan Maklan, 2011

[Article](#) | Recommended

Understanding Customer Relationship Management (CRM) - Injazz J. Chen, Karen Popovich, 2003

[Article](#) | Recommended

Lectures 11 and 12: Systems Development and Procurement (32 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 11

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 11

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | Essential | Chapter 12

Essentials of Management Information Systems - Kenneth C. Laudon, Jane Price Laudon, 2014

[Book](#) | Essential | Chapter 12

An Introduction To Acquiring and Developing BIS - Paul Bocij, 2008

[Chapter](#) | Essential

Acquiring IS (9 items)

ASPs: Do They Work? - Khalid Soliman, 2003

[Article](#) | Recommended

Understanding the Service Component of Application Service Provision: An Empirical Analysis of Satisfaction With Asp Services - Anjana Susarla, 2003

[Article](#) | Recommended

The Economics of End-User Development - Volke Wulf, Matthias Jarke, 2004

[Article](#) | Recommended

Just Right Outsourcing: Understanding and Managing Risk - Ravi Aron, 2005

[Article](#) | Recommended

Development of Software Selection Criteria for Supply Chain Solutions - B. S. Sahay, A. K. Gupta, 2003

[Article](#) | Recommended

Managing Your IT Total Cost of Ownership. - Julie Smith, 2002

[Article](#) | Recommended

How to Determine Cloud TCO | Information Management Online - Justin Kern, 2013

[Webpage](#) | Recommended

What Every CEO Needs to Know About The Cloud - Andrew McAfee, 2011

[Article](#) | Recommended

Cloud Computing News - IaaS, SaaS, PaaS, Data Security, CIO, Analysis - Cloud Tech News

[Website](#) | Further

Systems Development Methodologies (5 items)

Information Systems Development: Methodologies, Techniques and Tools - David Avison, Guy Fitzgerald, 2006

[Book](#) | Recommended

Balancing Four Factors in System Development Projects - Girish H. Subramanian, 2009

[Article](#) | Recommended

A Spiral Model of Software Development and Enhancement - B. W. Boehm, 1988

[Article](#) | Recommended

Revolution or Evolution? a Comparison of Object-Oriented and Structured Systems Development Methods. - Sumit Sircar, 2001

[Article](#) | Recommended

DSDM Consortium

[Website](#) | Further | The Dynamic Systems Development Method Consortium provides an outline of the approach for non-members, with detailed definitions available for paying members

Systems Analysis (13 items)

Foundations of Business Intelligence: Databases and Information Management - Kenneth Laudon, Jane Laudon, 2015

[Chapter](#) | Essential | Read section 6.1

Foundations of Business Intelligence: Databases and Information Management - Kenneth

Laudon, Jane Laudon, 2015

Chapter | **Essential** | section 6.1

Building Information Systems and Managing Projects - Kenneth Laudon, Jane Laudon, 2015

Chapter | **Essential** | section 12.3

Building Information Systems and Managing Projects - Kenneth Laudon, Jane Laudon, 2015

Chapter | **Essential** | section 12.3

Systems Analysis - Paul Bocij, 2008

Chapter | **Essential**

Information Systems Development: Methodologies, Techniques and Tools - David Avison,
Guy Fitzgerald, 2006

Book | **Recommended**

The Information Systems Development Life Cycle: A First Course in Information Systems -
D. E. Avison, H. U. Shah, 1997

Book | **Recommended**

**An Empirical Investigation of User Requirements Elicitation: Comparing the Effectiveness
of Prompting Techniques** - Glenn J. Browne, Michael B. Rogich, 2001

Article | **Recommended**

A Consensus Ranking for Information System Requirements - Yong Shi, 1996

Article | **Recommended**

Extreme Programming and Agile Software Development Methodologies - Lowell Lindstrom,
Ron Jeffries, 2004

Article | **Recommended**

The Impact of Analyst-Induced Misinformation on the Requirements Elicitation Process -
Radha Appan, Glenn J. Browne, 2012

Article | **Recommended**

Modern Database Management - Jeffrey A. Hoffer, V. Ramesh, Heikki Topi, 2016

Book | **Recommended**

Modern Database Management - Jeffrey A. Hoffer, V. Ramesh, Heikki Topi, 2016

Book | **Recommended**

Lectures 13 and 14: Business Intelligence and Decision Making (11 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

Book | **Essential** | Chapter 7

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | Chapter 7

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Recommended](#) | Chapter 11 sections 11.1, 11.2 and 11.3

Strength in Numbers: How Does Data-Driven Decisionmaking Affect Firm Performance? -

Erik Brynjolfsson, 2011

[Article](#) | [Recommended](#)

Data Scientist: The Sexiest Job Of the 21st Century - Thomas H. Davenport, D. J. Patil, 2012

[Article](#) | [Recommended](#)

Making Advanced Analytics Work For You - Dominic Barton, David Court, 2012

[Article](#) | [Recommended](#)

Big Data Analytics: Profiling the Use of Analytical Platforms in User Organizations - Wayne Eckerson

[Document](#) | [Recommended](#)

Real-Time Business Intelligence: Best Practices at Continental Airlines - Hugh J. Watson, 2006

[Article](#) | [Recommended](#)

Analytics 3.0 - Thomas H. Davenport, 2013

[Article](#) | [Recommended](#)

Why IT Fumbles Analytics - Donald A. Marchand, Joe Peppard, 2013

[Article](#) | [Recommended](#)

Data Management Platforms - Using Big Data to Power Marketing Performance - eMarketer

- Lauren Fisher

[Webpage](#) | [Further](#) | This is a PowerPoint presentation

Lecture 15: Collaborating with Technology (10 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | Chapter 8

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | [Essential](#) | Chapter 8

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon, 2015

[Book](#) | [Recommended](#) | Chapter 2

Essentials of Management Information Systems - Kenneth C. Laudon, Jane P. Laudon

[Book](#) | Recommended | Chapter 2

Productivity Effects of Information Diffusion in Networks - Sinan Aral, 2007

[Document](#) | Recommended

How Social Technologies Are Extending the Organization - Jacques Bughin, 2011

[Article](#) | Recommended

Cio Reporting Structure, Strategic Positioning, and Firm Performance - Rajiv D. Banker, 2011

[Article](#) | Recommended

Toward a New Theory of the Contribution of the It Function in Organizations. - Manon G Guillemette, Guy Paré, 2012

[Article](#) | Recommended

Six Social-Media Skills Every Leader Needs - Roland Deiser, Sylvain Newton, 2013

[Article](#) | Further

A Framework for Management Information Systems - G. Anthony Gorry, Michael S Scott Morton, 1989

[Article](#) | Further

Lecture 16: Project Management and Strategic Planning (9 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 12

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 12

Project Management and Strategic Planning - Patricia M. Wallace, 2015

[Chapter](#) | Essential

Building Information Systems and Managing Projects - Kenneth Laudon, Jane Laudon, 2015

[Chapter](#) | Recommended

Strategies for Improving Systems Development Project Success - A H Gold, 2010

[Article](#) | Recommended

Robust Project Portfolio Management: Capability Evolution and Maturity - Catherine P. Killen, Robert A. Hunt, 2013

[Article](#) | Recommended

Business Continuity and Disaster Recovery Planning: The Basics | CSO Online

[Webpage](#) | Recommended | You will have to register to read the whole article but it is free

Association for Project Management | the Professional Body for Project Management[Website](#) | [Further](#)

PMI | Project Management Institute[Website](#) | [Further](#)

Lectures 17 and 18: Ethics, Privacy and Security (22 items)

Introduction to Information Systems - Patricia M. Wallace, 2015[Book](#) | [Essential](#) | [Chapter 10](#)

Introduction to Information Systems - Patricia M. Wallace, 2015[Book](#) | [Essential](#) | [Chapter 10](#)

IS Security (8 items)

Securing Information Systems - Kenneth Laudon, Jane Laudon, 2015[Chapter](#) | [Recommended](#)

Securing Information Systems - Kenneth Laudon, Jane Laudon, 2015[Chapter](#) | [Recommended](#)

Principles of Information Systems Security: Text and Cases - Gurpreet Dhillon, 2007[Book](#) | [Recommended](#)

2015 Cost of Cyber Crime Study: United Kingdom[Document](#) | [Recommended](#) | [Link not working](#)

2017 Cost of Cyber Crime Study | Accenture - Accenture-2017-CostCyberCrimeStudy.pdf[Document](#) | [Further](#)

State of Cybersecurity: Implications for 2015[Document](#) | [Recommended](#)

Companies Proactively Seek Out Internal Threats - Esther Shein, 2015[Article](#) | [Recommended](#)

Understanding Distributed Denial of Service Attacks - YouTube[Audio-visual document](#) | [Recommended](#)

IS Ethics and Privacy (12 items)

Ethical and Social Issues in Information Systems - Kenneth Laudon, Jane Laudon, 2015[Chapter](#) | [Recommended](#)

Ethical and Social Issues in Information Systems - Kenneth Laudon, Jane Laudon, 2015

[Chapter](#) | Recommended

GRAPHIC: America's digital divide, in 2 maps

[Webpage](#) | Recommended

The Digital Divide

[Webpage](#) | Recommended

'I'm 57 and My Parents Have to Feed Me': The Universal Credit Digital Obstacle Course - Tom Wall, 2019

[Article](#) | Recommended

The Behavioral Roots of Information Systems Security: Exploring Key Factors Related to Unethical IT Use - Sutirtha Chatterjee, 2015

[Article](#) | Recommended

Teaching Ethical Reflexivity in Information Systems: How to Equip Students to Deal With Moral and Ethical Issues of Emerging Information and Communication Technologies - Bernd Carsten Stahl, 2011

[Article](#) | Recommended

Ethical Standards for Information Systems Professionals: A Case for a Unified Code - Effy Oz, 1992

[Article](#) | Recommended

Privacy Notice for Dummies? Towards European Guidelines on How to Give 'Clear and Comprehensive Information' on the Cookies' Use in Order to Protect the Internet Users' Right to Online Privacy - J. Luzak, 2014

[Article](#) | Recommended

Protecting Privacy in an IoT-Connected World. - Michael S. Smith, 2015

[Article](#) | Recommended

Managing Consumer Privacy Concerns in Personalization: A Strategic Analysis of Privacy Protection - Dong-Joo Lee, 2011

[Article](#) | Recommended

WDR2016MainMessages-ENGLISH-WebRes.pdf

[Document](#) | Recommended

Lecture 19: Knowledge Management (14 items)

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 9

Introduction to Information Systems - Patricia M. Wallace, 2015

[Book](#) | Essential | Chapter 9

Knowledge Management and E-Learning - Patricia M. Wallace, 2015

[Chapter](#) | [Essential](#) | Chapter 9

Improving Decision Making and Managing Knowledge - Kenneth Laudon, Jane Laudon, 2015

[Chapter](#) | [Recommended](#) | section 11.4 only

Social Influence and Knowledge Management Systems Use: Evidence From Panel Data - Yinglei Wang, 2013

[Article](#) | [Recommended](#)

The Impact of Shaping on Knowledge Reuse for Organizational Improvement With Wikis - Ann Majchrzak, 2013

[Article](#) | [Recommended](#)

The Effects of Individual Motivations and Social Capital on Employees' Tacit and Explicit Knowledge Sharing Intentions - Yong Sauk Hau, 2013

[Article](#) | [Recommended](#)

The Sharing, Protection and Thievery of Intellectual Assets - Maria Solitander, Nikodemus Solitander, 2010

[Article](#) | [Recommended](#)

Social Influence and Knowledge Management Systems Use: Evidence From Panel Data. - Yinglei Wang, 2013

[Article](#) | [Recommended](#)

Handbook of Organizational Learning and Knowledge Management - Mark Easterby-Smith, Marjorie A. Lyles, 2011

[Book](#) | [Further](#)

Handbook of Organizational Learning and Knowledge Management - Mark Easterby-Smith, Marjorie A. Lyles, 2011

[Book](#) | [Further](#)

Knowledge Management: An Integrated Approach - Ashok Jashapara, 2011

[Book](#) | [Further](#)

Knowledge Management: An Integrated Approach - Ashok Jashapara, 2004

[Book](#) | [Further](#)

Knowledge Workers - Who They Are and What They Do

[Webpage](#) | [Further](#)