

UNIVERSIDADE DO ESTADO DE SANTA CATARINA – UDESC
CENTRO DE CIÊNCIAS DA ADMINISTRAÇÃO E SOCIOECONÔMICAS – CCA/ESAG**SYLLABUS****I. IDENTIFICACION**

Degree Course: Business Administration		
Department: Business Management Department		
Course: Management Information SystemsI		Code: 41PO
Working Hours: 72 hours	Academic year: 2020/1	Term: 4º (2nd. Year)
Professor: Júlio da Silva Dias		
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II. SUMMARY

Management Information Systems: types, applications, planning, projects, deployment and use of MIS in the enterprise; Business Process Management BPM: Tools and notation for modeling; Business Process Diagrams; BPMN; Use of IT tools to address finance, marketing, human resources and production challenges; Corporate Management of corporate ICT; Innovation.

III. GOALS AND OBJECTIVES

- Manage the basic concepts of ICT
- Use IT to the benefit of the enterprise
- Differentiate among the major types of corporate IS.
- Know the challenges and key points involved in projects and deployment of IS within the enterprise.
- BPM – Business process modeling and notation
- Build and read BPD – Business Process Diagrams
- Build and read DMN – Decision Diagrams
- Modeling and Simulation
- Discrete Event Simulation
- Application of Simulation in Business
- Acquire an overall notion of corporate ICT management and governance
- Integrate ICT to the business and add value using ICT.

IV. PROGRAM

1. The Role of ICT in the enterprise
2. ICT components
3. Management Information Systems
4. Major types and fields of use of MIS
5. Projects, planning and deployment of MIS.
6. BPM
7. BPMN
8. Process Modeling and redesign
9. Application of Simulation in Business
10. Corporate ICT Management and governance
11. Best Practices in ICT governance
12. Information and decision making
13. Strategic Information Management

V. LEARNING METHODOLOGY

Expositive classes;
Use of software tools;
Debates;
Multimedia learning resources (movies; internet; etc.)
Seminars;

IV. SISTEMA DE AVALIAÇÃO

Position papers and Exams 90%;
Classroom activities 10%;

V. BIBLIOGRAPHY

BASIC BIBLIOGRAPHY:

Laudon, K. C.; Laudon, J. P. **Management Information Systems: Managing the Digital Firm. Pearson, 2016**

Taylor, J., Debevoise, T. **The Micro Guide to Process and Decision Modeling in BPMN/DMN: Building More Effective Processes by Integrating Process Modeling with Decision Modeling. Advanced Components Research, 2014.**

SUPPLEMENTARY BIBLIOGRAPHY

FIANI, R. Teoria dos Jogos. Ed. Campus, 2006 (3ª Edição)

BEKMAN, O. R. e COSTA NETO, P.L.O. **Análise Estatística da Decisão. Ed. Edgard Blucher, 2009 (2ª Edição.)**

MOORE, H.J. e WEATHERFORD, L.R. **Tomada de Decisão em Administração com Planilhas Eletrônicas. Ed. Bookman, 2005 (6ª Edição)**

BAZERMAN, M. H. e MOORE, D. **Processo Decisório, 2014 Ed. Campus (8ª Edição)**