



СОФИЙСКИ УНИВЕРСИТЕТ „СВ. КЛИМЕНТ ОХРИДСКИ“

СТОПАНСКИ ФАКУЛТЕТ
КАТЕДРА „СТАТИСТИКА И ИКОНОМЕТРИЯ“

ВЪПРОСНИК ЗА ДЪРЖАВЕН ИЗПИТ

МАГИСТЪРСКА ПРОГРАМА

**„УПРАВЛЕНСКИ ИНФОРМАЦИОННИ СИСТЕМИ С ОБУЧЕНИЕ НА
АНГЛИЙСКИ ЕЗИК“**

(3 семестъра)

**Въпросникът за държавен изпит е утвърден с Протокол №19/21.11.2023 г.
на Факултетния съвет на Стопанския факултет.**

1. Създаване на стойност и стратегии за дигитална трансформация.
2. Архитектура на предприятието.
3. Бизнес информационни системи – CRM, ERP, SCM, BI.
4. Интеграция на информационни системи за управление.
5. Български платежни системи. Развитие. Функции. Взаимодействие. Видове плащания и оператори. Правна рамка.
6. Електронни финансово пазари. Предимства на инвестирането на електронните финансово пазари. Инвестиционни инструменти. Пазари и брокери. Информационни ресурси. Основи на инвестициите.
7. Системи за електронни плащания на дребно. Разплащателни картови системи. Електронни системи за проверка. Дистанционно и интернет банкиране. Системи за мобилни плащания. Системи за електронни пари. P2P системи за електронни плащания. Интегрирани решения за електронни разплащания.
8. Бизнес процеси и тяхното място в организацията.
9. Описание и документация на бизнес процесите.
10. Реинженеринг на бизнес процеси.
11. Организационна култура и промяна (G. Hofstede). Видове, модалности и области. Примерът на „експертите по децентрализация“.
12. Индивидуална промяна. Модели за изследване на индивидуалните промени (поведенческа, когнитивна, психодинамична, хуманистична психология). Типове личност и организационна промяна.



13. Промени в организацията, свързани с въвеждането на нови ИКТ (стратегия, роля на управлението на ИКТ, промяна в информационната култура).
14. Правни аспекти на информационните и комуникационни технологии.
15. Електронни изявления, електронни документи, електронни подписи.
16. Електронно управление.
17. Основни органи и рамки за управление на проекти.
18. Управление на проекти: планиране и бюджетиране.
19. Управление на проекти: Управление на качеството.

Литература:

- Bland, D. J., & Osterwalder, A. (2019). Testing business ideas: A field guide for rapid experimentation (Vol. 3). John Wiley & Sons.
- Bolstorff, P. (2005). How to Make Your Supply Chain More Valuable. Logistics Today. Vol. 46. No. 6. Jun 2005. pp. 19-21.
- Bolstorff, P., Robert Rosenbaum, (2003). Supply Chain Excellence: A Handbook for Dramatic Improvement Using the SCOR Model. AMACOM Div American Mgmt Assn. ISBN 0-8144-0730-7.
- Bosworth, S., Michel Kabay, Eric Whyne (Editors), Computer Security Handbook, John Wiley & Sons, 2014, ISBN 978-1-118-12706-3
- Bradford, M., Modern ERP: Select, Implement, and Use Today's Advanced Business Systems, 2020, ISBN: 978-0578697987
- Brealey R., St. Meyers – “Principles of Corporate finance” Mc Graw-Hill – 1991M.
- Burgelman, R. A., Christensen, C. M., & Wheelwright, S. C. (2009). Strategic management of technology and innovation, McGraw-Hill Irwin.
- Burke, W.W. 2011. Organization Change: Theory and Practice (3d Ed). SAGE publications Ltd. Business Requirements Analysis. MindTools. Web. http://www.mindtools.com/pages/article/newPPM_77.htm
- Cameron, E., and Mike Green. 2004. Making Sense of Change management (A Complete Guide to the Models, Tools, and Techniques of Organizational Change). Kogan Page
- Canavan, J., Fundamentals of Network Security, Artech House, ISBN 1-58053-176-8
- Champy, J., & Cohen, L. (1995). Reengineering management. Dunod.
- Chopra, S., and Peter Meindel. (2002). Supply Chain Management: Strategy, Planning, and Operation. Prentice Hall of India.
- Deming, W. E. (2000) - Out of the Crisis
- Dimitrov, G., International Encyclopedia of Laws for Cyber Law, Up-to-date as of September 2013 (2017, Bulgaria, IEL Cyber Law), Kluwer Law International BV, Netherlands, ISBN: 9789041121882
- Drucker, P. (2006) Practice of Management
- Dyché, J., The CRM Handbook: A Business Guide to Customer Relationship Management, Addison-Wesley Professional, 2001.
- Ford, W., M. S. Baum, Secure Electronic Commerce, Prentice-Hall



СОФИЙСКИ УНИВЕРСИТЕТ „СВ. КЛИМЕНТ ОХРИДСКИ“

- Furnell, St., Sokratis Katsikas, Javier Lopez, Ahmed Patel (Editors), Securing Information and Communications Systems, Artech house, 2008, ISBN 978-1-59693-228-9
- Greenberg, P., CRM at the Speed of Light, McGraw-Hall, any edition
- Grossmann, W., Fundamentals of Business Intelligence, 2015, ISBN: 3662465302.
- Harvey, R., Public Finance, 4 ed., 1995 Hassler, V., Security Fundamentals for E-Commerce, Artech House, 2001, ISBN 1-58053-108-3
- Heesen, B., Effective Strategy Execution: Improving Performance with Business Intelligence, Second Ed., Springer-Verlag Berlin Heidelberg, 2016, ISBN 978-3-662-47922-3
- International Institute of Business analysis - Business Analysis Body of Knowledge, v3.0
- [Business Process Transformation Software | ARIS | Software AG](#)
- Jama Requirements Management 101:
<http://www.jamasoftware.com/news-resources/whitepapers.php>
- Jelassi, T., Albrecht Enders, STRATEGIES for e-BUSINESS: Creating Value through Electronic and Mobile Commerce, Pearson Education Ltd, 2004
- IPMA Competence Baseline (ICB), Version 3.0, June 2006
- Kalakota , R., E- Business: Roadmap for success , Addison Wesley Longman , Inc. , 2000.
- Kaplan, D. and Norton, R. (2001) The Strategy-focused Organisation, Harvard Business School Press, Boston, MA.
- Kim, WC, & Mauborgne, R. (2014). Blue ocean strategy expanded edition: How to create uncontested market space and make the competition irrelevant. Harvard business review Press.
- Kincaid, J.W., Customer Relationship Management, 2002
- Konheim, A., Computer Security and Cryptography, John Wiley & Sons, ISBN 0-471-94783-7
- Kumar, V., Werner Reinartz (2018). Customer Relationship Management: Concept, Strategy, and Tools (3rd ed. or newer) ISSN 2192-4333
- Lachev, T., Applied Microsoft Power BI (4th Edition): Bring your data to life; ISBN: 0976635399, 2019
- Laudon, K., Jane P. Laudon, Management Information Systems: Managing the Digital Firm (15 or 16 edition), Pearson; 16 edition (March 23, 2019)
- Levine, R., Christopher Locke, Doc Searls, David Weinberger, McKee Jake, the Cluetrain Manifest: <http://www.cluetrain.com/>
- Magal, S., Jeffrey Word, Integrated Business Processes with ERP Systems, Wiley, 2011, ISBN: 9780470478448
- Mastering the Requirements Process (Second edition), Suzanne Robertson and James Robertson, Pearson Education, 2006
- Microsoft, Microsoft Solution Framework, Practitioner White Paper, March 2003
- Mintzberg, H., Ahlstrand, B. et Lampel, J. (2009) Strategic Safari: A Guided Tour Through the Wilds of Strategic Management. 2nd Edn. New York: The Free Press. 1st Ed.1999.
- Minzberg, H. (1993) Structure in Five: Designing Effective Organizations. Prentice-Hall, Inc.
- Montague, D., Essentials of Online Payment Security and Fraud Prevention, John Wiley & Sons, 2011
- Musgrave R, Public Finance in Theory and Practice, 5 ed, McCraw Hill, 1989



СОФИЙСКИ УНИВЕРСИТЕТ „СВ. КЛИМЕНТ ОХРИДСКИ“

My SAP ERP – Book ISBN 3 89842 734, Galileo Press, Bonn 2006-2016. SAP Research Report – from creativity to value 2009-2010 – Book and DVD

Neck, H. M., Neck, C. P., & Murray, E. L. (2019). *Entrepreneurship: the practice and mindset*. SAGE Publications, Incorporated.

O'Mahony, D., Michael Peirce, Hitesh Tewari, Electronic payment systems for e-commerce, Artech house, 2001

Osterwalder, A., & Pigneur, Y. (2010). Business model generation: a handbook for visionaries, game changers, and challengers. John Wiley & Sons.

Osterwalder, A., Yves Pigneur, Gregory Bernarda, and Alan Smith. Value proposition design: How to create products and services customers want. John Wiley & Sons, 2014.

Peltier, Th. et al, Information Security Fundamentals, Auerbach Publications, ISBN 0-8493-1957-9.

PMBoK, any edition after 1996

Probst, G. J.-B., Leibold, M., et Gibbert, M. (2005) Strategic Management in the Knowledge Economy: New Approaches and Business Applications. Wiley-VCH.

Rambure, D., Alec Nacamuli, Payment Systems. From the Salt Mines to the Board Room, Palgrave Macmillan, 2008

Reeves, L., Manager's Guide to Data Warehousing, Wiley Publishing, Inc., 2009, ISBN: 978-0-470-17638-2

Reynolds, J., Practical Guide to CRM, June 15, 2002

Ross, S., Randolph Westerfield, Bradford Jordan "Fundamentals of Corporate Finance", McGraw-Hil, 2002

Scheer, A-W., 2000, ARIS – Business Process Modeling, Springer

Senge, PM, Roberts, C., Ross RB, Smith, BJ and Kleiner, A. (1994). The Fifth Discipline: Fieldbook. London: Nicholas Brealey

Sheppard, D., Payment Systems, Handbooks in Central Banking, Centre for Central Banking Studies, Bank of England

Sherif, A., Practical Business Intelligence, 5 Jan. 2017, ISBN: 178588543X.

Schilling, M. (2010). Strategic Management of Technological Innovation. McGraw-Hill Irwin, 3ed.

Simchi-Levi, D., P. Kaminski, E. Simchi-Levi (2008). Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies. McGraw-Hill International. ISBN 978-0-07-127097-7.

Stephen, P., Robbins, C., Mary, A., & de Cenzo, D. (2019). Fundamentals of Management. Pearson.

Ten Step, <http://www.tenstep.com/>

Tidd, J., & Bessant, J. (2009). Managing Innovation. John Wiley & Sons Ltd.

Venkatraman, N. et Subramaniam, M. (2002) 'Theorizing the Future of Strategy: Questions for Shaping Strategy Research in the Knowledge Economy'. Dans: Handbook of Strategy and Management. SAGE Publications Inc.

Vom Brocke, J., J. Mendling (2018). Business Process Management Cases, Digital Innovation and Business Transformation in Practice, Springer International Publishing.

Wren, DA, & Bedeian, AG (1994). The evolution of management thought.