

**MODULE (SPECIALIZATION) PROGRAMMING FOR MOBILE DEVICES
MANAGEMENT OF IT PROJECTS**

Title of Study Programme and Code		Type (compulsory/optional)	Cycle	Year of study when the component is delivered (if applicable)
Information Systems Engineering 6531EX043		Compulsory	1 st	3 rd year
Semester/trimester when the component is delivered		Number of ECTS credits allocated	Language of instruction	Mode of delivery (face-to-face/e-learning/...)
6 th		3 ECTS	English	Face-to-face
Learning outcomes			Study methods	Assessment methods
After completion of the study subject, a student should be able to:			Explanation; Demonstration; Interactive lectures; Practical work; Information sources study; Consultations.	Assessment of practical work; Control work; Exam.
LO 1	Analyse, model, project and design applications for mobile devices;			
LO 2	Manage a software project dedicated to mobile devices.			
Prerequisites (these courses must be successfully completed prior to taking this particular course)				
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Course content				
<p>1. Introduction. Peculiarities of IT project management. Project in systematic view. Classification of projects.</p> <p>2. Project management. Processes of project management. A detailed structure of project management.</p> <p>3. Human aspect of project management (human factor).</p> <p>4. Fixing the sequence and schedule of jobs.</p> <p>5. Project risk management.</p> <p>6. Project expense management.</p> <p>7. Project quality management.</p> <p>8. Documentation.</p> <p>9. Agile project management methodology.</p>				
Recommended or required reading and other learning resources/tools				
<p>1. A guide to the project management body of knowledge: (PMBOK® guide). Project Management Institute, 2013.</p> <p>2. Kendall G. (2013). Advanced multi-project management: achieving outstanding speed and results with predictability. Plantation (Fla.): J.Ross Publishing.</p> <p>3. Paul Roberts (2013). Effective project management: identify and manage risks, plan and budget, keep projects under control. London: Kogan Page.</p> <p>4. Schwalbe K. (2014). Information Technology An Introduction to Project Management, Seventh Edition. USA: Augsburg College:</p> <p>https://www.amazon.com/Information-Technology-Project-Management-Revised/dp/1285847091/ref=pd_sbs_14_2?encoding=UTF8&pd_rd_i=1285847091&pd_rd_r=6973490d-73c3-11e8-a806-f9b7e38934c2&pd_rd_w=zv3o6&pd_rd_wg=2BL1P&pf_rd_i=desktop-dp-</p>				

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5. Claude H. Maley (2012). Project Management Concepts, Methods, and Techniques. USA: CRC Press:
[https://books.google.it/books?](https://books.google.it/books?id=Ot4uLbYy0AkC&printsec=frontcover&hl=it&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false)

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6. Project Management Institute: <https://www.pmi.org/>

7. Agile Alliance: <https://www.agilealliance.org/>

8. Scrum Alliance: <https://www.scrumalliance.org/>

9. Agile Lean Europe Network: <http://alenetwork.eu/>