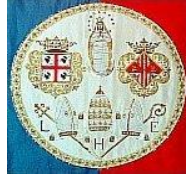




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| Titolo del seminario | <i>“Using Data Analytics to improve the efficiency of IT Development”</i> |
| Settore Scientifico disciplinare di riferimento | <i>SECS/P08 -SECS/P07-SECS/P03</i> |
| Docente | <i>Roberto Evaristo</i> <i>Proponenti:</i> <i>Prof.ssa Elisabetta Reginato; Prof. Stefano Matta;</i> <i>Prof. Francesca Cabiddu</i> |
| Semestre nel quale viene impartito | <i>2</i> |
| Crediti assegnati | <i>2 (12 hours)</i> |
| Giorni, Orari, Aula: | <i>25-26-27-28 Giugno 2019 / h.10-13 Computer Lab</i> |
| Prerequisiti | <i>None</i> |
| Obiettivi formativi | <i>In this course, the students will gain an appreciation (a) for the reasons why large-scale distributed software project development is challenging, (b) ways in which industry is improving performance of such projects and (c) a novel approach to address the challenge. The novel approach, to which students will be fully introduced, is called Strategic Resource Mapping and involves (a) assessing micro-skills of the software development teams, (b) deploying best task-skill fit, and at the same time (c) accelerating upskilling to address the risk of not having enough of the requisite skills for future parts of the project.</i> |
| Contenuti | <ul style="list-style-type: none"> <i>- Introduction to the Strategic Resource Mapping (SRM) software</i> <i>- The application of SRM with practical activities</i> <i>- Students will have hands-on use of tools created to implement SRM. Graphical interfaces will</i> |



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| | <p><i>quickly bring the problem and associated solution to students' toolbox, enabling them to apply the concepts in their future career.</i></p> |
| <i>Metodo d'insegnamento</i> | <ul style="list-style-type: none">- Lectures- Practical activities with the SRM software |
| <i>Verifiche dell'apprendimento / procedure di valutazione</i> | <p><i>Written exam</i></p> |
| <i>Lecture consigliate</i> | <p><i>Reading lists assigned during classes</i></p> |
| <i>Altre informazioni</i> | <p><i>The application of SRM goes well beyond IT development. It has been used to accelerate proposal preparation at NASA-Jet Propulsion Lab (also a task-skill fit problem), to guide R&D investment at 3M, and much more. Students will therefore not only learn about its initial use in IT development but also gain an appreciation of how data analytics applied to people skills can impact other business problems - and have a lasting impact on HR concepts as well</i></p> |

Contact: fcabiddu@unica.it