

PhD in Management, Production and Design

Research Title: Revisione dei Processi di Ateneo

Funded by	Amministrazione Centrale, Politecnico di Torino
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Context of the research activity	<p>The increasing complexity of research and teaching activities in universities, together with the evolution of regulations and the incentive system adopted by universities, make the issue of purchasing (goods and services) critical and complex. The ability to purchase quickly and efficiently, in accordance with the law, and to meet the institutional needs of a university, requires the implementation of new organizational models, information systems and methods of managing the purchasing process. Added to this is the need to have a control system capable of measuring the performance obtained from various points of view, also integrating all the logistics necessary for the purchase process to be concluded correctly, in line with the institutional purposes for which it was carried out. Finally, such context requires to consider the “change management” side of the required transformation, to make the implementation of the new model effective.</p>
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<p>Objectives</p>	<p>The objectives to be achieved in the research activities refer to the context expressed above and take into account the following aspects:</p> <ol style="list-style-type: none"> 1. Define a new organizational model (within the university) for the allocation of activities and responsibilities, evaluating the most appropriate methods of selective centralization / decentralization of responsibility and execution of the required tasks. This research activity must also consider “success stories” found in Italian and European universities, to capitalize on the experience they developed. 2. Define the requirements at the level of documentary aspects and procedures implemented, also in relation to different types of goods and services subject to purchases. 3. Define measurement and control metrics consistent with the institutional objectives and the level of service provided to the research, teaching and infrastructural activities of the university. Such objective requires to match the developed metrics with the organizational models and the information available in the information system. 4. Analysis of the integration requirements of these procedures and information flows with the university's information system and with internal logistics processes 5. Development and implementation of pilot cases of application in one or more departments of the overall model developed, with measurement of the levels of improvement and the procedures of extension to the entire university
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<p>Skills and competencies for the development of the activity</p>	<p>Basic knowledge of business management, cost accounting and control, industrial economics</p>
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