

ABSTRACT

Title	IT competence - development of a measuring instrument
Authors	Emelia Ericsson Therese Johansson
Problem	<p>In society of today corporate competence is an important factor for survivor and development. IT is developing rapidly and can not be ignored by companies. Then need for people with IT-competence is conquent increasing. A survey of corporate IT-competence is therefore of interest for companies as well as for local authorities.</p> <p>To determine the IT competence within an organisation, this competence has to be measurable. Therefore, it is necessary to define the concept of IT competence. In agreement with our principal, we are focusing on the manufacturing industry.</p>
Purpose	To develop a measuring instrument which can be used to survey the IT competence within a manufacturing sector.
Method	Our development of the measuring instrument is divided into four steps. In the first step, we have made a definition of IT competence, relevant literature and research. This definition is used in the second step, where we connect our discussion in a matrix in order to illustrate our reasoning regarding IT competence. In the third step, and based this discussion, we are outlining questions, which all together form the measuring instrument itself. In the last step, we deal with the obscurities and ideas for improvement that have arisen through the test investigation along with our own reflections about what could have been done better.
Conclusion	We are using the ideas for improvement to change the measuring instrument. When all the changes have been made, the final measuring instrument has emerged, which means our assignment is completed. Based on our studies, we can establish that it is possible to measure the IT competence within an organisation, and thus, to survey the IT competence in a local authority.