

<b>Title:</b>	<b>Research of main companies in Bydgoszcz</b>
<b>Lecture hours:</b>	15 lab
<b>Study period:</b> <b>(summer/winter)</b>	Summer or winter
<b>Number of credits:</b>	3
<b>Assessment methods:</b>	Put in an appearance at computers and mechatronics companies
<b>Language of instruction:</b>	English
<b>Prerequisites:</b>	Basic knowledge of operating systems, programming languages, computer architecture, computer network and background information of mechatronics topics.
<b>Course content:</b>	There are a lot of big companies in Bydgoszcz, linked with IT and mechanics technology: for example Atos, Mobica, PESA, Alcatel-Lucent etc. Students will get to know about business technology that powers progress and helps organizations to create firm of the future, approach to specific technologies (IT and mechatronics) and industries. Methodology of software development and integration services company with a global customer base. The modern process of designing and construction of new vehicles, trains, trams or locomotives. After each visit student have to prepare report..
<b>Learning outcomes:</b>	Students should obtain knowledge about large IT and mechatronics companies in Bydgoszcz. During each visit students will get to know about organization and structure companies. Moreover they will see production technology and final products. Students will have to possibility to get to know with modern devices, softwares and technical solutions. Main goal of this course is extension range of knowledge about main companies in Bydgoszcz.

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<b>Literature:</b>	<ol style="list-style-type: none"><li>1. <a href="http://pl.atos.net/">pl.atos.net/</a></li><li>2. <a href="http://www.mobica.com">www.mobica.com</a></li><li>3. <a href="http://www.alcatel-lucent.com/pl">www.alcatel-lucent.com/pl</a></li><li>4. <a href="http://www.pesa.pl">www.pesa.pl</a></li><li>5. <a href="http://www.bppt.eu/">www.bppt.eu/</a></li></ol>