

| TOPICS of the subject | “INNOVATION MANAGEMENT” | |
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| | General Keywords: Research - Invention - Innovation - Management | |
| PROJECT TASKS to be executed outside of the teaching course | FORM of COMPLETION the COURSE: Students will formulate the project targets in a measurable manner, define and describe the cluster of solutions, identify the chosen solution way, exploring the solution, verifying the solution with respect of the formulated targets and present the solutions in a colloquium. | |
| Projects tasks for preparation of course completion (1 project for 2...3 students) | KEYWORDS: Students will get a comprehensive explanation of each of these projects from the teacher | TEACHING & LEARNING TARGETS: Students should formulate the teaching and learning targets as part of their own responsibility - that is one of the project’s tasks |
| General Teaching and Learning Targets: | <ul style="list-style-type: none"> • Being able to identify my own research system, e.g. my well defined field of investigations distinguished from different research fields in the neighbourhood of my one • Being able to describe my research field as a system with environment and with internal actors, activities, processes, connections, input, output, measurement system • Having learned how to describe my project results in an effective and efficient way and document • Good experience in presentation and defending my project: “More of the same” • Got more self-responsibility and understanding of my study as a gateway for my future career. | |
| 1.1 Labour market migration in CZ, compared with abroad | <ul style="list-style-type: none"> • Labour Market • Immigrants and Emigrants in the Labour market • European Statistics (EUROSTAT) • Czech Labour Force Market in Europe • Lack of professions in Czech? | <ul style="list-style-type: none"> • Collecting better information about labour market than before • Being able to use EUROSTAT, effectively • Being able to discuss the field of labour market, better, more systematically, having “brighter eyes” for opportunities • Having learned measurable objectives from EUROSTAT • Using my new knowledge of labour market for decision making of my own carrier in a documented way. |

| | KEYWORDS: | TEACHING & LEARNING TARGETS: |
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| 1.2 Consumer oriented products - innovation champions in CZ | <ul style="list-style-type: none"> • Consumer • Customer • Client • Champion • Awards • Innovation | <ul style="list-style-type: none"> • Collecting better information about innovations than before • Being able to discuss the field of consumer orientation and innovation, better, more systematically, having “brighter eyes” for opportunities • Having learned measurable objectives from champions! <p>Using my new knowledge of champions, actors, actions, awards, press attention etc. for decision making of my own carrier in a documented way.</p> |
| 1.3 Automotive E-Mobility Innovation System in CZ compared with abroad | <ul style="list-style-type: none"> • Innovation • Automotive E-Mobility • Technology Platforms • Green Car Initiative • National & European Policy of Automotive E-Mobility Innovations • Performance Measurement of E-Mobility Innovation System • Public&privat Actors of Automotive E-Mobility • Reporting System of Automotive E-Mobility Innovation System | <ul style="list-style-type: none"> • Collecting better information about Automotive E-Mobility as one enabler for economic and social growth • Being able to discuss the fields of Automotive E-Mobility Innovations and social impact, better, more systematically • Having learned measurable objectives from the landscape of Automotive E-Mobility and its innovations system <p>Using my new knowledge of the CZ&AT/DE-innovation system for decision making of my own carrier in a documented way.</p> |
| 1.4 Innovation System in CZ compared with DE | <ul style="list-style-type: none"> • Innovation • Innovations System • National & European Innovation System • National & European Policy of Innovation • National & European Programs of Innovation • Performance Measurement of Innovation System • Public and privat Actors of Innovation Systems • Reporting System of Innovation System | <ul style="list-style-type: none"> • Collecting better information about innovation system as one enabler for economic and social growth • Being able to discuss the field of political and entrepreneurial innovation system from different perspectives, better, more systematically • Having learned measurable objectives from the study of 2 innovations systems <p>Using my new knowledge of the CZ and DE-innovation system for decision making of my own carrier in a documented way.</p> |

| | KEYWORDS: | TEACHING & LEARNING TARGETS: |
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| 1.5 CZ- Innovation- driven public infrastructure projects, compared with AT | <ul style="list-style-type: none"> • Infrastructure • Innovation • Innovations System • National & European Innovation System • National & European Policy of innovation-driven infrastructure • Performance Measurement of innovation-driven infrastructure system • Public and privat Actors of innovation-driven infrastructure systems • Reporting System of innovation-driven infrastructure system | <ul style="list-style-type: none"> • Collecting better information about innovation-driven infrastructure systems system as one enabler for economic and social growth • Being able to discuss the influence of political and entrepreneurial interventions in infrastructure to innovation system from different perspectives, better, more systematically • Having learned measurable performance indicators of innovations <p>Using my new knowledge of the CZ and AT- innovation-driven infrastructure system for decision making of my own carrier in a documented way.</p> |
| 1.6 Public and privat universities and their role in CZ- innovation system | <ul style="list-style-type: none"> • Tertiary Higher Education System (HES) • Universities&High Schools (Unis&HS) • Education, Research, Innovation • Funding of Unis&HS • National Development of Unis&HS System • Performance Measurement of innovation-driven education • Performance Measurement of innovation-driven research • Public and privat Actors of innovation-driven Unis&HS System • Reporting System of innovation-driven Unis&HS System | <ul style="list-style-type: none"> • Collecting better information about HES as one important actor for economic and social growth • Being able to discuss the influence of education for creating innovations from different perspectives, better, more systematically • Having learned measurable performance indicators of Unis&HS System • Being able to identify and to argue the challenges of the education, research and innovation output in CZ Unis&HS System • Using my new knowledge of the CZ innovation-driven Unis&HS System for decision making of my own carrier in a documented way. |

| | KEYWORDS: | TEACHING & LEARNING TARGETS: |
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| 1.7 Innovation Methodology | <ul style="list-style-type: none"> • Innovation • Innovations System • Innovation Process • Innovation Types • Innovation Fields • Innovation Methods • Innovation Methods' Performance • Incremental Innovations • Fundamental Innovations | <ul style="list-style-type: none"> • Collecting better information about innovation methods • Being able to discuss the innovation methods from the perspective of their usability, better, more systematically • Having learned measurable indicators for innovation performance of several methods <p>Using my new knowledge of innovation methods for decision making of my own carrier in a documented way.</p> |
| 1.8 Olomouc as innovative town / region | <ul style="list-style-type: none"> • Innovation • Innovations System • Regional Innovations • Innovation Types • Innovation Fields • Innovation Programs • Innovation Performance • Regional Sustainability • Regional Competitiveness • | <ul style="list-style-type: none"> • Collecting better information about regional innovations • Being able to discuss the innovation types in regions from the perspective of their impacts and cooperation network, better, more systematically • Having learned measurable indicators for innovation program performance <p>Using my new knowledge of regional innovations for decision making of my own carrier in a documented way.</p> |
| 1.9 Patent situation in CZ compared with abroad | <ul style="list-style-type: none"> • Discovery • Invention, Innovation • Patent, Patent family • Claim • National, European and International Patent System • Patentability, Patent application • Patent Law, Patent infringements • Patent Licensing • Intellectual Property (IP) Valuation | <ul style="list-style-type: none"> • Collecting better information about characters of a patent and the patentability • Being able to discuss the role of patents in a company as well as for the national economy from the perspective of their impacts on the competitiveness, better, more systematically • Having learned measurable indicators for patent-based innovation performance <p>Using my new knowledge of patent-based innovations for decision making of my own carrier in a documented way.</p> |

| | KEYWORDS: | TEACHING & LEARNING TARGETS: |
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| 1.10 Corruption as an industrial as well as regional/cultural phenomenon tackling innovations | <ul style="list-style-type: none"> • Corruption • Business Risks and measuring • Compliance • Compliance mgmt • Corruption vs. Innovations • Patents and corruption • Corruption and economic growth • Corruption and culture • Corruption and Law • Anti-corruption Initiatives • Anti-corruption Initiatives Bodies | <ul style="list-style-type: none"> • Collecting better information about types and characters of business risks incl. corruption • Being able to discuss the role of corruption in Czechs companies, administration as well as for the society from the perspective of their impacts on the competitiveness and reputation, better, more systematically • Having learned the systematic of corruption types and the anti-corruption measurement system <p>Using my new knowledge of patent-based innovations for decision making of my own carrier in a documented way.</p> |