**mtl105**  
**Practitioner Research in Technology Enhanced Learning (TEL)**

| Course Content and Learning Objectives | This course will provide an introduction to a variety of quantitative and qualitative research methods used in the social sciences as applied in online distance education and technology enhanced learning. Emphasis will be on planning and designing research and evaluation projects, choosing appropriate methods of investigation, and learning the practical aspects of quantitative and qualitative data collection and analysis. Major research paradigms will be explored, and an overview of the various research fields in technology enhanced learning will be provided. The Statistical Package for the Social Sciences (SPSS) will be used to manage and analyze data. Skills in collecting quantitative and qualitative data and in analyzing, interpreting, and reporting the results of empirical investigations will be developed.  
**Learning Objectives:**  
At the end of this course, students should be able to:  
1. Explain the rationale behind major research paradigms in the social sciences.  
2. Identify and explore major research areas in open and distance learning (ODL).  
3. Define a research question, carry out a literature search and state a hypothesis.  
4. Plan and manage educational research, including setting research priorities.  
5. Choose a research design that is appropriate for a defined research question.  
6. Collect and analyse qualitative and quantitative data.  
7. Analyse and interpret qualitative and quantitative data.  
8. Report on research findings and knowledgeably discuss the qualitative and quantitative research process. |
| Teaching and Learning Forms | Internet-based discussion forums, learning activities, webinars, self-study |
| Prerequisites | Proficiency in internet and Microsoft Office use; self-organization skills  
This course is required as the second course of the MTEL program. |
| Course Use/Reuse | Required. Course module is currently not in use by other programs, but could potentially be adopted by other programs such as the MBA program. |
| Requirements for Awarding ECTS Credits | Students must successfully complete learning activities (PASS/FAIL) throughout the course, as well as regularly participate in discussion forums and group activities. ECTS points will be awarded upon successful completion of the portfolio, which includes the results of all course learning activities (e.g., brief essay, case study, expert |
| **ECTS Points and Grading** | 6 ECTS  
Grading Scale: 1,0 / 1,3 / 1,7 / 2,0 / 2,3 / 2,7 / 3,0 / 3,3 / 3,7 / 4,0 / 5,0  
Learning activities will be graded as PASS/FAIL. At mid-semester, students will receive a progress report regarding their status in class, along with feedback for improvement. |
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<td><strong>Course Frequency/Cycle</strong></td>
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| **Workload**                | 180 hours (self-study: approx. 80 hours; learning activities: approx. 80 hours; participation: approx. 20 hours)  
6 credit points per course  |
| **Course Length**           | 15 weeks                                       |
| **Other Information**       |                                               |