| **mtl120**<br>**Costs and Economics of Technology Enhanced Learning (TEL)** | |
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| Course Content and Learning Objectives | This course will present a study of the economics of technology enhanced learning within the larger context of the economics of education. A variety of methodological approaches (including cost/benefit and cost/effectiveness analysis) will be applied within the context of technology enhanced learning environments. A variety of costing techniques and economic models will be explored and applied to different institutional forms and levels of distance education and TEL environments.<br><br>**Learning Objectives:**<br><br>At the end of this course, students should be able to:<br><br>1. Review the expansion of education and the soaring costs of educational provision.<br>2. Understand the conceptual framework of Human Capital Theory, the core theory of economics of education.<br>3. Identify and measure the cost drivers in TEL and open and distance learning (ODL) systems.<br>4. Understand the role of overheads and the problem of cost attribution.<br>5. Treat capital costs including the annualization of costs.<br>6. Handle the basic cost model and analyze scale economies.<br>7. Analyze and compare the cost structure of media and handle a cost model for rapid cost appraisal of a selected media configuration.<br>8. Apply costing methodology to net based learning and identify the cost-drivers specific to ODL.<br>9. Discuss the impact of net-based learning on the cost-structure of ODL.<br>10. Analyze the costs of online student support. |
| Teaching and Learning Forms | Internet-based discussion forums, group activities, learning activities, webinars, self-study, online seminars with guest experts |
| Prerequisites | Proficiency in internet and Microsoft Office use; self-organization skills; mtl100, mtl105 |
| 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. |

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| 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 interviews, report, reflective learning journal, small group project, debate, bibliography/annotation). |
| ECTS Points and Grading | 6 ECTS<br>Grading Scale: 1,0 / 1,3 / 1,7 / 2,0 / 2,3 / 2,7 / 3,0 / 3,3 / 3,7 / 4,0 / 5,0<br>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. |
| Course Frequency/Cycle | Minimum once per semester |
| Workload | 180 hours (self-study: approx. 80 hours; learning activities: approx. 80 hours; participation: approx. 20 hours)<br>6 credit points per course |
| Course Length | 15 weeks |
| Other Information | |