



SYLLABUS STRUCTURE

1 Number and Name of Module

M01 - Technology Transfer - Introduction

2 Description of Module

This Module relates to the domain of technology transfer, mainly from the point of view of research and development institutions. It outlines what technology transfer means, what are the key concepts, motivations and barriers of technology transfer. This module explains different types, as well as various forms of commercialization of technology and dissemination of knowledge.

The Module also highlights the key actors participating in the technology transfer process.

Theoretical part also explains the role of intellectual property in technology transfer, the traditional model of technology transfer applicable to research and development institutions and peers into the issues of technology transfer management, both from the university perspective and business perspective.

3 Course Goals and Outcomes

The goal of this Module is to acquaint Participants with the importance of technology transfer, motivation for technology transfer as well as its barriers. This Module aims to provide Participants with basic knowledge of different elements of technology transfer, such as types and forms of technology transfer, different stakeholders taking part in the technology transfer process, as well as management of the technology transfer.

4 Time Allocation per Module

2 hours

5 Target Group

Researchers, Ph.D. students, Master students

6 Teaching Methods

The frontal method of teaching by lecturing with the help of Trainer's presentation shall be used. This shall be supported by providing Study materials to participants. Emphasis shall be placed on Group discussions.

In case of Online teaching, the use of computer (or similar device) is mandatory.



7 Teaching Forms

On-site / Online

8 Teaching/Training Competences and Experience for Lector

Lector should have practical teaching skills and should be able to engage with the module subject and its participants as well.

Lector should have vast knowledge in the field of technology transfer and should have a practical personal experience with technology transfer, with focus on R&D institution (at least 3 years).

9 Knowledge and Skills Obtaining by this Module

As a results of this module, participants will be able:

- describe the concept of technology transfer, characterise its features, motivations and barriers;
- understand the role of intellectual property in technology transfer process;
- describes the types of technology transfer as well as various forms of commercialization of technology and dissemination of knowledge;
- understand what are the various types of stakeholders participating in the technology transfer;
- describe the traditional model of technology transfer;
- explain the common and different characteristics of technology transfer management, from the point of view of university and company;

10 Required Text and Study Materials

Module syllabus structure;

Study material;

Trainer's presentation;

11 Recommended Literature

European Commission. IP Helpdesk. [online]. Available on the internet: <https://intellectual-property-helpdesk.ec.europa.eu/index_en>.

EUROPEAN PATENT OFFICE, et al. 2016. IP Management, Intellectual Property Teaching Kit [online]. 2016. Available on the internet: <<http://www.epo.org/learning-events/materials/kit/download.html>>.



Co-funded by the
Erasmus+ Programme
of the European Union



TECHNICAL UNIVERSITY
OF KOŠICE



UNIVERSIDAD
DE GRANADA



University
of Hradec
Králové

12 Testing Set - Evaluation/Grading Criteria

Participant's successful completion of the module shall be evaluated by test consisting of 10 questions. Each question shall be provided with three readily available options, whereby participant shall pick one correct answer. Participant needs to successfully answer at least 6 out of 10 questions.