Information sheet for the course
Environmental Impact Assessment of Industrial Technologies

University: *Alexander Dubček University of Trenčín*

Faculty: *Faculty of Industrial Technologies in Púchov*

Course unit code: *MI-I-PV-8E*	**Course unit title:** *Environmental Impact Assessment of Industrial Technologies*

Type of course unit: *optional*

Planned types, learning activities and teaching methods:
Lecture: 2 hours weekly/26 hours per semester of study; face to face
Seminar: 1 hours weekly/13 hours per semester
Laboratory tutorial: 2 hours weekly/26 hours per semester

Number of credits: *6*

Recommended semester: *2nd semester in the 1st year full-time*
2nd semester in the 1st year part-time

Degree of study: *the 2nd degree of study (Engineer's degree)*

Course prerequisites: *none*

Assessment methods: *test*

Learning outcomes of the course unit:
On completion of the unit, students should be able to describe the technological processes and Environmental Impact Assessment of Industrial Technologies

Course contents:

1. *Environment, EIA. BREF, BAT, REACH*
2. *Production of inorganic chemicals: ammonia, nitric acid...*
3. *Production of industrial dung*
4. *Silicate industry (cement, lime, glass)*
5. *Processing of oil*
6. *Production of iron, steel, ferroalloy*
7. *Metallurgy of nonferrous metals*
8. *Chemical engineering of nuclear industry*
9. *Processing and production of paper*
10. *Production of beer and wine*
11. *Food industry (production of sugar, malt, starch)*

Recommended of required reading:
1. Blažej a kol.: Chemické aspekty životného prostredia. ALFA Bratislava 1981
2. B. Škárka a kol.: Environmentálna chémia STU Bratislava 2003
3. P. Fellner a kol.: Anorganická technológia STU Bratislava 2005

Language: *Slovak*

Remarks:

Evaluation history: *14*

A	B	C	D	E	FX
7.14	50.0	35.71	7.14	0.0	0.0

Lecturers: *prof. Ing. Eugen Jóna, DrSc., Ing. Katarína Moricová, PhD.*

Last modification: *31.03.2014*

Supervisor: *prof. Ing. Darina Ondrušová, PhD.*