

## INSTITUTE FOR FORENSIC ENGINEERING

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### I. STAFF

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### III. TEACHING

Specialized courses for experts have been provided by the Institute for Forensic Engineering since 1999 in Accordance with a Program approved by the Scientific Council of the Institute. Experts in Property Valuation lecture on technical and economic subjects.

#### III.1 Graduate Study

Subjects	Semester	Hours Per Semester		Lecturer
		Lectures	Seminars	
Basics of Legal Expertise	10	2	0	Nič
Testing	10	2	2	Nič

#### III.2 Postgraduate Study

Subjects	Semester	Hours Per Semester		Lecturer
		Lectures	Seminars	
Basics of Legal Expertise	1	7	0	Nič
Basics of Civil and Commercial Law	1	15	0	Šramková, Kopšová
Basics of Criminal Law	2	0	8	Samaš
Building Act	2	8	0	Kopšová
Methodology of Expert Opinion	1	10	10	Nič
Land Registry	1	10	0	Đungel
Building Structures	1	12	0	Ohrablo, Puškár
Static Analysis of Building Structures	1	10	0	Fillo, Sokol
Building Materials and Conformity to Certification	1	12	0	Unčík, Nič
Planning and Technology of Buildings	3	12	0	Špička
Real Estate Valuation Theory	1	25	0	Bradáč

Building Services	2	6 – 0	Lulkovičová
Building Physics	2	10 – 0	Chmúrny, Sternová
Soil Mechanics, Foundations and Mining Work	1	9 – 0	Turček
Transport Engineering	2	8 – 0	Bezák
Real Estate Valuation according to Previous Price Legislation	3	12 – 0	Weigel
Real Estate Valuation according to Current Price Legislation	2	16 – 15	Majdúch
Cost Estimates of Construction and Design	2	15 – 0	Bollová
Services to Insurers and Real Estate Agents	2	8 – 0	Ilavský
Water Structures	2	8 – 0	Lukáč
Defects in Building and Their Diagnosis	3	10 – 0	Bilčík
Fire Protection of Buildings	3	4 – 0	Mikolai
Real Estate Valuation – Foreign Approach	3	6 – 0	Bradáč
General Value of Real Estate	3	21 – 15	Majdúch
Evaluating Business Property	3	8 – 0	Majdúch
Methodology of Valuation for Financial Institutions	3	8 – 0	Holík
Information Technology for Experts	3	6 – 0	Ilavský, Makýš

## VI. COOPERATION

### VI.1 Cooperation in Slovakia

1. Ministry of Justice of the Slovak Republic, Bratislava
2. Regional Court of Justice, Bratislava

### VI.2 International Cooperation

1. Institute for Forensic Engineering, Brno, Czech Republic
2. TZÚS, Prague, Czech Republic

## VIII. OTHER ACTIVITIES

### VIII.2 Commercial Activities for Firms and Institutions

The Institute provides expert opinions in the fields of Building Structures, Real Estate Valuation, Cost Estimates of Construction and Design, Building Constructions and Statics. Clients include:

1. Dopravoprojekt, Bratislava
2. Vodohospodárska výstavba, Bratislava
3. ÚEOS Komercia, Bratislava

## IX. PUBLICATIONS

### IX.1 Journals

- [1] MAJDÚCH, D.: Commercial Real Estate Valuation in the Slovak Republic. In: Forensic Engineering, 9/2001, Brno, Czech Republic, pp. 22 – 23 (in Slovak)
- [2] MIKULA, J. – KURUCOVÁ, S.: Basic Instruments for Non - Destructive Testing in the Building Industry. In: Architectural Almanac 2002, Bratislava, 2002, pp. 198 – 203 (in Slovak)
- [3] NIČ, M.: Procedure for a Survey of the Reliability of Load - Bearing Structures. In: Slovak Journal of Civil Engineering, 2001/3, pp. 12-19, STU Bratislava, Faculty of Civil Engineering, Slovakia

### IX.2 Books and Textbooks

- [1] BILČÍK, J. – NIČ, M.: Defects in Building and Their Diagnosis. STU Bratislava, Slovakia, 2002 (in Slovak)
- [2] MAJDÚCH, D. – NIČ, M.: Real Estate Valuation. Assessing General Real Estate Value. Bratislava, Slovakia, 2002 (in Slovak)
- [3] NIČ, M.: Expert Survey of Defects in Buildings. Selected problems. 106 pp, Research Works STU Bratislava, Slovakia, 2002, Copybook N°2 (in Slovak)

### IX.3 Conferences

- [1] MAJDÚCH, D.: Assessing General Real Estate Value. In: Proceedings of Assessing General Real Estate Value, STU, Bratislava, Slovakia, 2002, pp. 16 – 23 (in Slovak)
- [2] MAJDÚCH, D.: General Value of a One – Apartment House with Land. In: Proceedings of Assessing General Real Estate Value, STU, Bratislava, Slovakia, 2002, pp. 60 - 65 (in Slovak)
- [3] NAGY, J.: General Value of a Production Hall. In: Proceedings of Assessing General Real Estate Value, STU, Bratislava, Slovakia, 2002, pp. 66 – 72 (in Slovak)
- [4] NAGY, J.: Development of Technical - Business Parameters. In: Proceedings of Assessing General Real Estate Value, STU, Bratislava, Slovakia, 2002, pp. 24 – 27 (in Slovak)
- [5] NAGY, J.: Agreement on Costs. 3d International Scientific Symposium on Economic & Management Processes in the Building Industry & Capital Processes, Bratislava, Slovakia, KERS, 11. – 13. 9. 2002, pp. 68 – 71 (in Slovak)
- [6] NIČ, M.: Training for the Experts in the Building Industry. International Conference on Design Activity in Architecture & Civil Engineers, Starý Smokovec 2002
- [7] NIČ, M.: Technological Code of a Quality Management System. In: Proceedings of 5th Scientific - Technical Conference on Quality in the Building Industry, Štrbské Pleso 2002, pp. 131 - 136, TU Košice (in Slovak)

- [8] NIČ, M.: Code for General Value Property Valuation. In: Proceedings of Seminar on Assessing General Real Estate Value, STU Bratislava, Slovakia, 2002, pp. 7-15 (in Slovak)
- [9] NIČ, M.: Technical Standards, Certificates, General Technical Conditions in Construction. Special Seminar on Tests for Experts Authorization in SKSI, Engineering Academy of Slovakia, Bratislava 2001 (in Slovak)
- [10] NIČ, M.: Expert Opinions in the Building Sector. Special Seminar on Tests for Experts Authorization in SKSI, Engineering Academy of Slovakia, Bratislava 2001 (in Slovak)
- [11] NIČ, M.: Provision and Appreciation of the Quality of Steel Structures. Course for Inspectors of ZZ TI SR, KKDK SvF STU, Bratislava, Slovakia, 2002 (in Slovak)
- [12] NIČ, M.: Expert Survey of Defects in Load-Bearing Structures. In: Proceedings of 6th Conference on Defects in Building Structures, Bratislava 2002, pp. 41-46, Dom Techniky ZSVTS Bratislava s.r.o., Slovakia (in Slovak)