



RTU Course "Civil Construction Management"

22501 BUNĪ ekonomikas un vadīšanas katedra

General data

Code	IBO479
Course title	Civil Construction Management
Course status in the programme	Compulsory/Courses of Limited Choice
Course level	Post-graduate Studies
Course type	Professional
Field of study	Social Science
Responsible instructor	Aivars Jurjāns
Volume of the course: parts and credits points	1 part, 2.0 Credit Points, 3.0 ECTS credits
Language of instruction	LV, EN, RU
Possibility of distance learning	Not planned
Abstract	The theory of management in building and construction. Planning, problem solving, preparation for decision making. Strategic planning and management. Organisational structure. Quality control management in building and construction.
Goals and objectives of the course in terms of competences and skills	Understanding Legal Issues of Construction Business. Knowing General Principles of Management in Construction. Being able to analyze and evaluate Issues related to the Planning and Contracting in Building and Construction.
Structure and tasks of independent studies	Students independently analyze and evaluate cases, make decisions and base them, take part in discussions
Recommended literature	Būvniecība Latvijā : informatīvs apraksts. Rīga : Latvijas Republikas Centrālā statistikas pārvalde, 2008- sēj. : tab., diagr. ; Latvijas statistika . ISBN 9789984063294(2008/01). Vanags, Jānis, Nekustamā īpašuma ekonomika : mācību grāmata / Jānis Vanags. Rīga : RTU izdevniecība, 2010. 297 lpp. : il. ; ISBN 9789934100208. Vanags, Jānis, Latvijas tautsaimniecība un būvniecības nozares attīstības ietekme uz nekustamā īpašuma tirgu : monogrāfija . -Rīga : RTU Izdevniecība, 2008. 196 lpp. : diagr. ; ISBN 9789984320045. Fjodorova, S. Būvniecības loģistika : lekciju konspekts . - Rīga : RTU Izdevniecība, 2008. 38 lpp. : il. ; ISBN 9789984326863. Brook M.. Estimating and Tendering for Construction Work. - Butterworth-Heinemann, 2008, 359 p. ISBN0750686162, 9780750686167 Harris F, McCaffer R., Edum-Fotwe F. . Modern construction management. - Wiley-Blackwell, 2006, 680 p. ISBN1405133252, 9781405133258 March C. Finance and Control for Construction. Taylor & Francis, 2009, 242 p. ISBN0415371147, 9780415371148 Myers D. Construction economics: a new approach. - Taylor & Francis, 2004, 283. p. ISBN0415286395, 9780415286398 Thévenot D. R.. Daywater: An Adaptive Decision Support System for Urban Stormwater Management. - IWA Publishing, 2008, 298 p. ISBN1843391600, 9781843391609 Uher Th. E., Davenport Ph. Fundamentals of Building Contract Management. -UNSW Press, 2010, 456.p. ISBN1742230210, 9781742230214 Абчук В.А. Прогнозирование в бизнесе, менеджменте и маркетинге. Москва: Изд-во Михайлова В.А., 2005. – 448 с. Асаул А.Н. Экономика недвижимости. С.–Петербург: Питер, 2007. – 512 с Грязнова А.Г., Федотова М.А. Оценка недвижимости. Москва: Финансы и статистика, 2007. – 506 с. Мак–Лин Э.Д., Элдред Г.В. Инвестирование в недвижимость. Пер.с англ. Москва: Вильямс, 2007. – 416 с.
Course prerequisites	Subject is based on knowledge acquired in previous study period

Course outline

Theme	Hours
The subject aims and objectives, major the terms	2
Legal Basis of Business Activities.	2
Business Management in Construction	4
Construction companies operating strategy	2
Labour Motivation in Construction	2
Market Planning in Construction	2
Realization of Services in Construction	2
Construction Work Planning Basics	4
Contracting in Construction	2
Construction companies operating in perspective programming. Business Plan section.	6
Construction Projects Costs Comparison	4

Learning outcomes and assessment

Learning outcomes	Assessment methods
Understanding Legal Issues of Construction Business	practical tasks
Knowing General Principles of Management in Construction	practical tasks
Being able to analyze and evaluate Issues related to the Planning and Contracting in Building and Construction	practical tasks, case studies, test

Study subject structure

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	2.0	3.0	1.0	1.0	0.0	*		