

Prerequisite status: -	Unit Type: Theoretical - practical	The number of units: 2	Name of the lesson: Applying the registration and audit methods of urban documents and properties
Type of additional practical training: Has it <input checked="" type="checkbox"/> does not have <input type="checkbox"/> Science travel <input type="checkbox"/> Laboratory <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> Seminar <input type="checkbox"/>		The number of hours: 48	
<p>General goal: Acquaintance of students with different land and property registration methods and comparing them with each other.</p> <p>Behavioral goal: Acquaintance with the types of cadastre, including Properties cadastre (city cadastre), General cadastre (financial cadastre, comprehensive cadastre, water cadastre, and geographic cadastre)</p>			
<p>Headlines</p> <p>1- Acquaintance with the technical part of cadastre (mapping), including the preparation of 1:100 and 1:500 maps</p> <p>2- Acquaintance with the descriptive part (legal) of attaching descriptive information such as properties, value, and price included in the file</p> <p>3- Acquaintance and application of various cadastre methods, including:</p> <p>4- Written cadastre: Determining the location of the piece with specific sentences and phrases with four directions.</p> <p>5- Linear cadastre: Determining the geographic location of properties with different methods based on geometric and mathematical coordinates.</p> <p>6- Digital cadastre: properties information digitally in computer systems in two-dimensional or three-dimensional form.</p> <p>7- Using different information systems, including LIS-Land Information System, Geographical Information System</p>			
<p>Reference</p> <p>1- Elerson, Gerhard, 1997, cadastre and land registration systems, translator: Mitra Pourkamal, Tehran: Tehran Geographical Studies Center.</p> <p>2- Omidvar, Kamal, 2017, an introduction to cadastre, Yazd University Publications.</p> <p>3- Mohammadpour Malabashi, Ebrahim, 2019, Cadastre, Negin Sabalan Publications.</p> <p>4- Yousefi, Ramin, 2012, Digital Cadastre, Mapping Organization Publications, Tehran.</p> <p>5- Burghardt, Dirk, Duchene, Cécile, Mackaness, William (Eds.) (2014) Abstracting Geographic Information in a Data Rich World, Springer.</p> <p>6- Goodchild, Shi, W., et al., (2021) Urban Informatics, Springer.</p> <p>7- Jan Van Sickle (2015) GPS for Land Surveyors, Fourth Edition, Published by CRC Press.</p>			

8- Rajabifard, Abbas; Atazadeh, Behnam and Kalantari, Mohsen (2019) BIM and Urban Land Administration, CRC Press.