



Jordan University of Science and Technology
Faculty of Engineering
Civil Engineering Department

CE751 Surface Hydrology

First Semester 2024-2025

Course Catalog

3 Credit Hours. This course describes 1. The hydrologic processes on the watershed. 2. The methods of calculation of various hydrologic processes 3. Estimate the discharge and volume for the design of hydraulic structures 4. Build the capacity for hydrological research

Teaching Method: On Campus

Text Book

Title	Hydrologic analysis and design
Author(s)	Richard H. McCuen,
Edition	2nd Edition
Short Name	1
Other Information	Hydrologic analysis and design, Prentice-Hall, New Jersey, USA.

Course References

Short name	Book name	Author(s)	Edition	Other Information
2	Hydrology, principles, analysis and design	Raghunath, H.M.	2nd Edition	New Age International (P) Ltd. Publishers, New Delhi.
3	Hydrology and Floodplain Analysis	Bedient, P.B., Huber, W.C. & Vieux B.E.	1st Edition	
4	Applied Hydrology	Chow, V.T. Maidment, D.R. & Mays, L.W	1st Edition	

Instructor

Name	Dr. Mohanned Al-Sheriadeh
Office Location	-

Office Hours	Sun : 11:30 - 14:00 Tue : 09:00 - 10:30 Wed : 10:00 - 13:00 Thu : 11:30 - 14:00
Email	alsheria@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Tue : 13:00 - 16:00 Room: U

Relationship to Program Student Outcomes (Out of 100%)											
PI-1a	PI-2a	PI-2b	PI-2c	PI-2d	PI-3a	PI-4a	PI-4b	PI-5a	PI-6a	PI-6b	PI-7a

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