

Course Name	Code\No.	Number of Credits			
		Theo.	Lab.	Train.	Credit
Hydrologic Terms	HWR 202	2	-	-	2
Pre-Requests		-			

Course Objectives:

This course aims to help students how to read and understand texts and topics related to hydrology from specialized hydrological books.

Course Contents:

- Teach hydrological terminology [rain, evaporation, torrents, filtration, runoff, etc.]. –
- Display terms in Arabic and English with graphical illustrations.
- Displaying some hydrological texts from books, reports and scientific articles and explaining them to students.
- Displaying graphs and how to read them.
- The student discusses these texts and their understanding of them.

Course outcomes:

- Upon completion of the course, the student is expected to acquire the following knowledge and experience:
- The ability to read texts in books and articles of hydrology in a correct way.
- Understanding the contents of texts.
- The ability to read graphs.

Evaluation Method:

- The evaluation is carried out through periodic and final exams, in addition to assignments by the teacher and teacher discusses it with the students.

References:

- **United Nations Educational, Scientific and Cultural Organization (2012).** International Glossary of Hydrology. (ISBN 978-92-3-001154-3).
- **Adrien, Nicolas G. (2000).** Computational hydraulics and hydrology: an illustrated dictionary. Includes bibliographical references. ISBN 0-8493-1890-4 Hydraulics—Mathematical models—Dictionaries. 2. Hydraulics—Data processing—Dictionaries. 3. Hydrology—Mathematical models—Dictionaries. 4. Hydrology—Data processing—Dictionaries.
- **Larry W. Mays (2011)** Ground and Surface Water Hydrology
- **Andy D. Ward and Stanley W. Trimble (2003)** Environmental Hydrology, Second Edition
- **Chow, V.T., Maidment, D.R. and May, L.W. (1988)** Applied hydrology, McGraw Hill Book Company.
- **C.W. Fetter Jr. (2000)** Applied Hydrogeology (4th Edition)