

## 課程大綱

課程簡介(Preview)

Governing Equation for Fluid Flow in Porous Media (I)

Governing Equation for Fluid Flow in Porous Media (II)

Governing Equation for Fluid Flow in Porous Media (III)

Well Test (I)

Well Test (II)

Gas Flow / Pore Structure

Solute Transport (I)

Solute Transport (II)

Clay-Water-Electrolyte System

Coupled Flow System

Multiphase Flow (I)

Multiphase Flow (II)

課程複習(Review)

## 課程目標

本課程之主要目的在於闡明流體在孔隙介質中之流動及傳輸，包括物理、化學及生物之過程，並建立其數學間之相互關係，使學生能明瞭水流及污染物在孔隙介質中之遷移及轉化。