

Applied Hydraulics
City of Jackson Public Works Building
421 Water Street, Jackson MI 49203
2026 Course Outline
Tuesday 4:00 – 6:45 pm

Week 1 – January 13
Introduction
Chapter 1 – Hydraulic Concepts

Week 2 – January 20
Chapter 2 – Pressure

Week 3 – January 27
Chapter 3 – Fundamentals of Flow I

Week 4 – February 3
Chapter 4 – Fundamentals of Flow II

No Class February 10 – Joint Expo and Operator Days

Week 5 – February 17
Chapter 5 – Pipe Flow with Friction Loss

Week 6 – February 24
Chapter 6 – Compound Pipes

Week 7 – March 3
Chapter 7 – Minor Losses in Fluid Flow

No Class March 10 – Spring Break

Week 8 – March 17
Chapter 8 – Flow in Open Channels

Week 9 – March 24
Chapter 9 – Flow Measurements I

Week 10 – March 31
Chapter 10 – Flow Measurements II

Week 11 – April 7
Chapter 11- Pump Types and Characteristics

Week 12 – April 14
Chapter 12 - Pumping