

MECE 3315 – Fluid Mechanics
Homework Assignments
Textbook: Introduction to Fluid Mechanics
(Fox and McDonald, 6th and 7th Editions)

HW#1 → 2.6, 2.19, 2.28, 2.41, 2.45, 2.53, 2.59 (7th Edition)

Example Problems: 2.4, 2.11, 2.22, 2.30, 2.36, 2.45, 2.52 (6th Edition)

HW#2 → 3.24, 3.26, 3.42, 3.52, 3.64, 3.74, 3.89 (7th Edition)

Example Problems: 3.14, 3.24, 3.29, 3.35, 3.45, 3.58, 3.65 (6th Edition)

HW#3 → 4.21, 4.30, 4.34, 4.38 (7th Edition)

HW#4 → 4.56, 4.63, 4.73, 4.124 (7th Edition)

Example Problems: 4.14, 4.27, 4.40, 4.49, 4.57, 4.113, 4.120, 4.143 (6th Edition)

HW#5 → 5.4, 5.15, 5.27, 5.36, 5.62, 5.71 (7th Edition)

Example Problems: 5.6, 5.14, 5.21, 5.27, 5.43, 5.72 (6th Edition)

HW#6 → 6.40, 6.46, 6.52, 6.56, 6.63, 6.65 (7th Edition)

Example Problems: 6.35, 6.47, 6.49, 6.55 (6th Edition)

HW#7 → 7.11, 7.23, 7.34, 7.47, 7.67, 7.76 (7th Edition)

Example Problems: 7.13, 7.32, 7.38, 7.43, 7.50 (6th Edition)

HW#8 → 8.11, 8.20, 8.39, 8.59 (7th Edition)

HW#9 → 8.65, 8.68, 8.116, 8.155 (7th Edition)

Example Problems: 8.8, 8.15, 8.49, 8.65, 8.109, 8.133, 8.148 (6th Edition)

HW#10 → TBD (7th Edition)

Example Problems: 9.3, 9.10, 9.12 (6th Edition)
