University of Portland  
School of Engineering

EE 402/EE 502  
Spring 2014  
A. Inan

Homework # 2  
(Assigned: Thursday, January 30, 2014)  
(Due: Tuesday, February 11, 2014, 9:15a.m.)

These problems are assigned from Electromagnetic Waves by Inan/Inan (2000) (pages 107-119):

2-12. Standing waves.  
2-18. Unknown medium.  
2-23. Submarine communication near a river delta.  
2-40. FM radio.  
2-48. VHF TV signal.  
2-50. Unknown wave polarization.

Please use the following guidelines for your homework solutions:
1) On the first sheet, at the top center, write: Homework #2-Solutions.
2) Provide your full name on the upper right corner of the first sheet.
3) Also write: EE 402/EE 502-Spring 2014 on the upper left corner of the first sheet.
4) Solve each problem on a separate sheet unless your solution is very short.
5) Box all of your answers.
6) Staple your solutions in the above order before you turn them in.

Please turn in your homework on time.