

**UNIVERSITY OF CALIFORNIA, DAVIS**  
**Error Correcting Codes I**

**PROBLEM SET 6**

Reading Assignment: Lecture Notes: 7. Textbook: Section 7.5.

Solve problems by hand, i.e., do not use symbolic and/or numerical mathematics software package to solve the problems. However, you can use them, if you want, to check your answers.

**Problem 7.2.** You have to write the polynomials in standard form as a sum of terms.

**Problem 7.4.** You have to go through the steps of the algorithm. Provide details.

**Problem 7.5.** You have to go through the steps of the algorithm. Provide details.

**Problem 7.6.** You have to go through the steps of the algorithm. Provide details.