

ME 531 Homework # 5  
Cohesive Elements

Due April 23, 2018  
Name \_\_\_\_\_

Test\_44 is a model of a C(T) specimen, with crack growth via cohesive elements. Using the input files given in the WARP3D download (verification folder-use exponential) conduct a simulation of the crack growth using cohesive elements using WARP 3D. Use the output files to see the crack opening up. Also, print the status of the cohesive elements as the code tells you when they completely fail. Output the strains, stresses and displacement distributions ahead of the crack.