

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: LAND 431 Department: Landscape Technology

Course Title: Earth Forms & Structures Semester: Spring Year: 1999

Objectives/Competencies

Course Objective	Competencies
1.Develop an understanding of topographic maps.	1.Demonstrate an ability to read topo maps. 2.Demonstrate an ability to read contour maps. 3.Prepare a contour map.
2.Learn the skills needed to undertake earth work calculation.	1.Demonstrate the calculations for cut & fill areas. 2.Draw appropriate site plan maps.
3.Learn to identify common landscape building materials.	1.List the common building materials. 2.Describe the uses of the various materials.
4.Develop an understanding of the principles of design used in landscape construction.	1.Draw landscape construction details. 2.Explain the features of a construction drawing.
5.Construct landscape features.	1.Lay out a landscape construction project. 2.Complete a landscape construction project.