Student Name_____Instructor Name_____

High School or Vocational Center_____Grade_____

COMPETENCY CHECKLIST FOR ADVANCED TECHNICAL PLACEMENT
Applied Technology Department

CAD 250
Introduction to SolidWorks
3 Credit Hours

Please check below each skill the student has mastered as described, with 80 percent accuracy, or with an A or B grade. The skills needed for articulation of each course are listed.

Task	Satisfactory	Unsatisfactory
Be able to create solid models using SolidWorks and ASME standards		
Given the proper instruction, the student will be able to create a stable fully parametric model		
Given proper instruction, the student will be able to create fully constrained and defined sketches.		
Given proper instruction, know how to edit sketches without making the sketches unstable.		
Given proper instruction, the student will know how to create drawings using ISO and ANSI/ASME Standards		
Given proper instruction, the student will properly dimension a drawing		
Given proper instruction, the student will create sectional views of an object		
Given proper instruction, the student will create auxiliary views of an object		
Given proper instruction, the student will be able to create a fully functional assembly		
Given proper instruction, the student will learn the basic shop practices used in fabrication of products and apply them to 3d Assembly Models		

Instructor's Signature_____Date_____