

<p><b>Assignment 1</b></p> <hr/> <p>Terminology</p> <ul style="list-style-type: none"> <li>■ <b>Read hand out #1 and #2</b> <ul style="list-style-type: none"> <li>▶ Q1: What is the difference between a 2D and a 3D CAD system?</li> <li>▶ Q2: What are the properties of the following curves: (a) Bezier curve, (b) Hermite curve, (c) Spline curve, (d) NURBS?</li> <li>▶ Q3: What do we mean by the smoothness of a curve? How to make sure two curves are connected smoothly?</li> <li>▶ <i>All questions carry equal marks. I expect short answers. Thanks</i></li> </ul> </li> </ul>	<p><b>Slide 1</b> <span style="float: right;"><b>Assignment 1</b></span></p> <hr/> <p>NOTES:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Assignment 2</b></p> <hr/> <p>Future Trend</p> <ul style="list-style-type: none"> <li>■ <b>Read hand out #3 and #4</b> <ul style="list-style-type: none"> <li>▶ Q1: What is the future trend of CAD in the fashion industry?</li> <li>▶ Q2: When designing a 3-D curve, what are the 4 important requirements? Explain the importance.</li> <li>▶ Q3: Many complain that once a control vertice is moved, the whole shape of the curve is changed. What is the best way to draw a complicated shape with localized control?</li> <li>▶ <i>All questions carry equal marks. I expect short answers. Thanks</i></li> </ul> </li> </ul>	<p><b>Slide 2</b> <span style="float: right;"><b>Assignment 2</b></span></p> <hr/> <p>NOTES:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
<p><b>Assignment 3</b></p> <hr/> <p>Advantage and Disadvantage</p> <ul style="list-style-type: none"> <li>■ <b>Select 2 different brands of Pattern CAD system.</b> <ul style="list-style-type: none"> <li>▶ Q1: What are the common features?</li> <li>▶ Q2: What are the special features / selling points that are unique in one system and not available in the other system?</li> <li>▶ Q3: What are the considerations when you plan buying a CAD system?</li> <li>▶ <i>All questions carry equal marks. Short answers.</i></li> </ul> </li> </ul>	<p><b>Slide 3</b> <span style="float: right;"><b>Assignment 3</b></span></p> <hr/> <p>NOTES:</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>