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- Reading for Next Class: §17.1 17.2, Eberly 2e
- Last Time: Curves & Surfaces
 - * Piecewise linear, quadratic, cubic curves and their properties
 - * Interpolation: subdivision (DeCasteljau's algorithm)
 - * Bicubic surfaces & bilinear interpolation
- Today: Maya & CGA Preliminaries Ross Tutorials (http://bit.ly/dFpTwq)
 - * Maya interface: navigation, menus, tools, primitives
 - * GUI & objects (Ross 1); viewports, transforms, & hotkeys (Ross 2)
 - * Nodes & attributes (Ross 3); UI, channel box & deformers (Ross 4)
 - * Modeling, scene creation, materials (Ross 5)
 - * Character models: PolyFacecom (http://bit.ly/h6tzrd)
- Previous Videos (#3): Morphing & Other Special Effects (SFX)
- Next Set of Videos (#4): Modeling & Simulation
- Next Class: Animations 2 Rotations, Dynamics & Kinematics
- Lab 4: Unreal Wiki Tutorial, Modeling/Rigging (http://bit.ly/dLRkXN)

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Lastina 21 of 41

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Terminology

- Piecewise Polynomial Curves aka Splines
- Continuity: Geometric (G), Mathematical (C)
- Bicubic Surfaces including NURBS Surfaces
- Maya Software for 3-D Modeling & Animation
 - * Shelves groups of tools & action icons; compare palettes, toolbars
 - * Hotkeys key combos for common functions; compare macros
 - * Viewports scene views for editing: orthographic, persspective
 - * Channel box GUI for accessing position, rotation, scale, history
 - * <u>Deformers</u> tools for controlling complex vertex meshes
- Rigging Character Models: Defining Components of Articulated Figure
 - * <u>Joints</u> axis of rotation, angular <u>degree(s) of freedom (DOFs)</u>
 - * Bones attached to joints, rotate about joint axis

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Lecture 21 of 41