

EARN A FREE CERTIFICATE FROM NORCO COLLEGE

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Essential 3D Tour

The Essential 3D Tour program prepares students with the knowledge and skill in reading Architectural documents and blueprints with technics in presenting an existing building in a three-dimensional virtual tour for later remodeling or design. Students learn to set and use advanced building scanner/camera and drones in presenting spatial aspects of building in a virtual walkthrough or virtual fly around the building and landscapes.

Required Courses:

CON-862 Print Reading for Construction

An overview of construction print and specification reading, the relationship of drawings and specifications to the contract and responsibilities of the inspector in interpreting the contract documents and in the inspection of the work. 162 hours lecture. (Pass/No Pass only.)

ARE-863 3D Tour, Virtual, Mixed, Augmented and Extended Reality

Advisory: ARE-824 or ARE-24 or CON-62. Introduces concepts of Building Information Modeling (BIM), virtual reality (VR), augmented reality (AR), mixed reality (MR) and extended reality (XR) technologies, to build basic 3D models, scan objects, 360 degree space photography, design and edit 3D tours from various spaces inside and outside buildings as a tool for visual communication, prepare virtual field trip, walkthrough and fly for presentation, and show existing spaces using, scanner, camera, drone, current 3D and BIM software to architects, contractors, realtors, clients, or game developers. 117 hours lecture (Pass/No Pass only.)



Career Education

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