

# CERTIFICATE OF APPRECIATION

ID : deb4d10b-de87-408c-af2c-57dbffc20d9a

THIS CERTIFICATE IS PROUDLY PRESENTED

## Mikhael Stefanus Filemon Simatupang

is hereby awarded this certificate of achievement for completed our course program “**MASTERCOURSE  
Geometric Road Modelling with Autodesk Infracore & Civil 3D**” held by KursusSipil

Course Length: 10 Hours | December, 16th-20th 2024

**CEO Kursus Sipil**



**Edwin Budi Setiawan**

**Certificate Validation**



# List of Materials

TOPIC AUTODESK CIVIL 3D	TOPIC AUTODESK CIVIL 3D
<ul style="list-style-type: none"> <li>• Introduction to Civil 3D</li> <li>• Drawing Setting</li> <li>• Importing Points for Contour and Edit Points</li> <li>• Generate Contours in Civil 3D and Edit Contour</li> <li>• Labeling Contours</li> <li>• Creating and Edit Horizontal Alignment</li> <li>• Creating Horizontal Alignment Profiles</li> <li>• Creating Vertical Alignment</li> <li>• Editing Profile and Vertical Alignment</li> <li>• Creating a Superelevation Diagram</li> <li>• Creating a Road Assembly</li> <li>• Creating a Road Corridor</li> <li>• Creating and Editing Cross Sections</li> <li>• Generating Excavation and Embankment Volume Data</li> <li>• Generating Road Structure Material Volume Data</li> <li>• Displaying Volume Data Drawn in Cross Section</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Civil 3D</li> <li>• Drawing Setting</li> <li>• Importing Points for Contour and Edit Points</li> <li>• Generate Contours in Civil 3D and Edit Contour</li> <li>• Labeling Contours</li> <li>• Creating and Edit Horizontal Alignment</li> <li>• Creating Horizontal Alignment Profiles</li> <li>• Creating Vertical Alignment</li> <li>• Editing Profile and Vertical Alignment</li> <li>• Creating a Superelevation Diagram</li> <li>• Creating a Road Assembly</li> <li>• Creating a Road Corridor</li> <li>• Creating and Editing Cross Sections</li> <li>• Generating Excavation and Embankment Volume Data</li> <li>• Generating Road Structure Material Volume Data</li> <li>• Displaying Volume Data Drawn in Cross Section</li> </ul>