

# FRAMECAD STEEL DESIGN NC, CERTIFICATE OF COMPLETION

**Banner Code:** 1\_NCJ\_FCSD

**Control Number:** 40256

**Not Financial Aid Eligible**

The FrameCAD Steel Production Certificate prepares students and working professionals for design file preparation, cold form steel (CFS) fabrication, CFS panel production and assembly, and preparation for project delivery. Course projects will use FrameCAD design software to produce custom projects using FrameCAD Factory software on a FrameCAD F325iT machine. Students will also be trained to maintain and operate the machine, prepare worksite documents, and learn to organize workflow safely. People with skills in this transforming industry command high salaries and will part of a new era of integrative design and construction.

## Program Outcomes

1. Successful students in this program will be able to safely manufacture steel frame custom components using a FrameCAD F325iT machine and safely assemble the components into a structure.
2. Successful students will be able to operate and maintain a FrameCAD machine and be able to document projects, materials, and machine records.
3. Successful students will be able to organize and schedule project workflow to utilize the machine and workers efficiently and safely.

## Certificate of Completion

A certificate leading to improved employability or job opportunities.

For more information regarding noncredit, please visit <https://orangeoastcollege.edu/academics/adult-education/index.html> (<https://orangeoastcollege.edu/academics/adult-education/>)

Course	Title	Hours
<b>Required Courses</b>		
ARCH A004N	Introduction to FrameCAD Steel Framing Noncredit	18
ARCH A021N	FrameCAD Studio 1 Noncredit	48
ARCH A022N	FrameCAD Studio 2 Noncredit	48
ARCH A041N	FrameCAD Workshop 1 Noncredit	48
<b>Total Hours</b>		<b>162</b>