

MICRO-STRUCTURE DESIGN TECHNOLOGY NONCREDIT, CERTIFICATE OF COMPLETION

Banner Code: 1_NCK_MSDT

Control Number: 41593

Not Financial Aid Eligible

The Micro-Structure Design Technology Program is a blend of design, building, and technology that will empower people to make small, environmentally sustainable structures that will provide needed housing and promote personal experiences and professional growth. Courses include design, drawing/visualization, building, and PV (solar) panel skills so that students can quickly explore and implement innovative design solutions.

Program Outcome

Students will be able to design, plan, build, and produce power for a small structure at an entry level of skill in the design/build profession.

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
Required Courses		
Semester 1		
ARCH A004N	Introduction to FrameCAD Steel Framing Noncredit	18
ARCH A005N	Architectural Drawing and Design Visualization 1 Noncredit	72
ARCH A006N	Accessory Dwelling Unit Design Noncredit	30
Semester 2		
ARCH A007N	Tiny House Design Noncredit	30
ARCH A001N	Design/Build 1 for Architecture Noncredit	63
ARCH A008N	Solar Panels for Small Projects Noncredit	30
or CNST A008N	Solar Panels for Small Projects Noncredit	
Total Hours		243