

Engineering Computer-Aided Drafting I

PEIMS Number: 12511701* (ECAD)

Engineering Computer-Aided Drafting II

PEIMS Number: 12511702* (ECAD2)

Advanced Computer-Aided Drafting

PEIMS Number: 12511703* (ACAD)

Grade Placement: 11-12

Credit: 2-3

Recommended Prerequisite: Introduction to Construction Careers and Introduction to Computer-Aided Drafting

First-year instruction is designed to focus on drawing orthographic views and development using computer software applications for architectural, electronic, and electro-mechanical drafting. Second-year instruction enhances skills and knowledge in computer software application for architectural, electronic, and electro-mechanical drafting. Third year advanced instruction covers working detail drawings with proper dimensions and tolerances. Standard symbols, stock shapes and descriptions are covered and applied to fabrication and forming drawing. This course may be taken for more than one year.