CAD FOUNDATION (CADF)

CADF 500: CAD I for Industrial Design
The course introduces students to computer-aided design with a focus on the industrial design processes. In an intuitive fashion, students create and refine designs using a solids-modeling software package. In order to recognize the critical role CAD plays in the development of designs, students will use designs created in design studio courses as the subject matter of the CAD activities. Design-control drawings, three-dimensional rendered drawings and perspective drawings will be the course?s output.
Credits: 3
College: School of Design & Engineering
Schedule Type: Lab, Lecture, On-Line

CADF 500N: CAD I for Industrial Design
The course introduces students to computer-aided design with a focus on the industrial design processes. In an intuitive fashion, students create and refine designs using a solids-modeling software package. In order to recognize the critical role CAD plays in the development of designs, students will use designs created in design studio courses as the subject matter of the CAD activities. Design-control drawings, three-dimensional rendered drawings and perspective drawings will be the course?s output.
Credits: 3
College: School of Design & Engineering
Schedule Type: Lab, Lecture, Lecture/Lab, On-Line

CADF 501: CAD II Dig Design Techniques
This course will build upon principles introduced in introductory CAD courses. It is primarily a laboratory course in which students will learn to take their early design concepts through to the final presentation using advanced digital design techniques. Students will use multiple digital design software packages across computer platforms with an emphasis on CAID packages such as NURBS modelers and animation software, as well as vector-based, desktop-publishing programs and bitmap-based programs.
Credits: 3
College: School of Design & Engineering
Schedule Type: Lab, Lecture, Lecture/Lab