



## Computer Aided Design/ Computer Aided Manufacturing

CAD/CAM systems have become basic systems that can help the designer to design a product by using the speed and efficiency of a computer. At the same time significant technological advances have been occurring in the areas of computer-aided design and in computer-aided manufacturing. CAD/CAM courses are normally taught with a combination of theory and practice. Side by side with the theory, the course requires a student to undertake assignments with a major commercial software. (For example, ProE). The course involves theory and hands-on experiments. The student participants are expected to procure a copy of the student version of the software. The course is developed in such a manner that the participants can get the instruction in a self-paced step-by-step manner with a combination of theory and practice.

Module summary:  
[catalog/asme.org.onlineinstructorledcourse/CAD\\_Manufacturing\\_online.cfm](http://catalog/asme.org.onlineinstructorledcourse/CAD_Manufacturing_online.cfm)

Employability:

All Precision and Hi-Tech Mechanical Engineering Goods Industry sectors such as –

**Automotive**, - BMW , Chrysler , Daimler , FIAT , Ford , GM , Honda , ISUZU , MAZDA , MAC , NAVISTAR , NISSAN , RENAULT , Suzuki , TAFE , VOLVO , VOLKSWAGEN ,, etc,...

**Aerospace** – AIRBUS , BAE, BOEING, BRAHMOS AEROSPACE, DASSAULT, GE, HAL, HAWKER BEECHCRAFT, ISRO, MITSUBISHI, ROLLS ROYCE , Pratt & Whitney, McDonnell Douglas, SABRE NASA, VSSRC

**Electronics- Biomedical** instruments , Robotics –BRAUN, GE, PANASONIC, HITACHI, G&D , INTEL,AD,STM, WESTINGHOUSE , UNITED TECHNOLOGIES , SVENSKA. **Oil & Gas and Piping**

**Capital goods** – i.e. Pressure Vessel and Piping design for Thermal Power, Nuclear Power , Petrochemical Plant and Equipment applications ) – GE, HITACHI,DOOSAN , WESTINGHOUSE , L&T