COURSE DETAIL

COMPUTER INTEGRATED MANUFACTURE AND ROBOTICS
Country South Africa
Host Institution University of Cape Town
Program(s) University of Cape Town
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title COMPUTER INTEGRATED MANUFACTURE AND ROBOTICS
UCEAP Transcript Title COMP INT MANUF&ROBO
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description
This course develops an advanced understanding of computer-integrated manufacture and robotics. Topics include computer integrated manufacturing, computer numerical control (CNC) of machine tools, flexible manufacturing systems (FMS), materials handling and robot directed transfer systems, robot kinematics, low cost automation, software control systems, and hardware interfacing.

Language(s) of Instruction
English

Host Institution Course Number
MEC3035S

Host Institution Course Title
COMPUTER INTEGRATED MANUFACTURE AND ROBOTICS

Host Institution Course Details

Host Institution Campus
Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed

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