

SHORT COURSE

CAM for CNC Manufacturing

LEARN TO PROGRAM CAM FUNDAMENTALS

Offered by Stellenbosch University (Stellenbosch Technology Centre – Laboratory for Advanced Manufacturing)

Objectives and outcomes

- To have a full understanding on using Fusion 360 for CNC machining and be able to produce parts for CNC machines
- To sketch, model and produce tooling paths
- To generate G-Code files to load into CNC machine
- Be able to create their own mini projects that are indicative of the kind they might be asked to create in the workplace or as a self-user. Will know how to create step-by-step machining tool paths and machining techniques for a given CAD model



PRESENTERS

Mr Clive Govender
Prof Natasha Sacks



MINIMUM ADMISSION REQUIREMENTS

Grade 12/Matric Certificate
Basic CAD or Technical Drawing understanding
Basic CNC knowledge



PRESENTATION MODE

Classroom using lectures via Power Point
+ course notes + practical work using
programming consoles and software.
The presentation language is English.



DATES

13 - 17 November 2023



ASSESSMENT

No formal assessment – candidates will be
doing tutorials and practical tasks and receive
a Certificate of Attendance.



TARGET AUDIENCE:

Students, Industry professionals, semi-skilled
workforce, qualified artisans, CNC machinists.



FEES 2023: R34 000

NQF Level 6



REGISTRATION

To register, or for more information, please
visit: [CAM for CNC Manufacturing](#).



CONTACT

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