



SHORT COURSE

# CAD for Manufacturing

## FUSION 360 FUNDAMENTALS

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

### Objectives and outcomes

- To create 3D models, alterations, fabrication drawings, import components & image files for manufacturing
- To create a rendered image, animation, or technical drawing to share with others using cloud technology
- To have an understanding of the parametric design philosophy using the Fusion 360 software. Candidates will 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. They will learn how to produce professional models to proper industry standards



### PRESENTERS

Mr Clive Govender  
Prof Natasha Sacks



### MINIMUM ADMISSION REQUIREMENTS

Grade 12/Matric Certificate  
Basic CAD or Technical Drawing understanding



### PRESENTATION MODE

Classroom using lectures via Power Point + course notes + practical work using the Fusion 360 software. The presentation language is English.



### DATES

26-30 June 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: [CAD for Manufacturing](#) .



### CONTACT

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