

SHORT COURSE

Advanced Machining Techniques

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

Objectives and outcomes

- To understand the latest trends in mould and die machining
- To understand machining process of Titanium alloys
- To understand machining process of Titanium blades with ceramic tools
- To understand usage of vortex and other high efficiency machining strategies in the mould, die and aerospace industries
- To understand the usage of cutting tools related to machining a 5-Axis aluminium impeller
- To have an understanding of advanced machining techniques related to different cutting tool materials, workpiece materials, machining strategies and machine configurations



PRESENTERS

Mr Clive Govender
Prof Natasha Sacks



MINIMUM ADMISSION REQUIREMENTS

Grade 12/Matric Certificate
Basic CNC or machining knowledge or understanding



PRESENTATION MODE

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



DATES

18-22 September 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: [Advanced Machining Techniques](#).



CONTACT

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