

# Verified Certificate



A handwritten signature in black ink, appearing to read "B. van den Dries".

**Bart van den Dries**

Lecturer, Delft Institute of Applied Mathematics  
*Delft University of Technology*

A handwritten signature in black ink, appearing to read "F. van de Bult".

**Fokko van de Bult**

Lecturer, Delft Institute of Applied Mathematics  
*Delft University of Technology*

A handwritten signature in black ink, appearing to read "W. Groenevelt".

**Wolter Groenevelt**

Lecturer, Delft Institute of Applied Mathematics  
*Delft University of Technology*

A handwritten signature in black ink, appearing to read "R. Koekoek".

**Roelof Koekoek**

Lecturer, Delft Institute of Applied Mathematics  
*Delft University of Technology*

This is to certify that

**Alreem Alabdouli**

successfully completed and received a passing grade in

**Calc001x: Pre-University Calculus**

a course of study offered by DelftX, an online learning  
initiative of Delft University of Technology.



**Verified Certificate**  
Issued August 26, 2024

**Valid Certificate ID**  
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