## EG-247/EG-3068 Signals and Systems 2019-2020

# Lab 03: Laplace transforms and transfer functions for circuit analysis

## Claim Form

|  |  |  |
| --- | --- | --- |
| Level of Achievement | Evidence | Mark Claimed |
| Pass Level | Mini Project 2: (solution7.m modified to use your student number and produce additional outputs and Simulink model) (3 marks) |  |
| Competent | Lab Exercises 4 and 5 (1 mark) |  |
| Expert | Lab Exercise 6 (1) |  |
| Total Claimed | |  |

## Declaration

[ ] I confirm that I believe that I have earned the mark that I am claiming.

[ ] I confirm that the work submitted was my own effort.

[ ] I except that the evidence of the work that I have submitted will be subject to peer audit and check.

## Peer Assessment

[ ] I understand that I will be asked to review the work of one of my peers.

[ ] I will endeavour to complete my peer review quickly and professionally.

[ ] I will endeavour to provide constructive feedback to the standard that I would expect my own work to receive.

Now submit your work using the **Lab 03: Laplace transforms and transfer functions for circuit analysis** assignment in Canvas along with the completed copy of this claim form and declaration.

## Questions and Discussion

If you have any questions about this lab exercise, please use the associated discussion on Canvas.

## Submission checklist

Ensure that you have submitted:

[ ] The completed version of this document;

The *MATLAB live scripts* (mlx-files) and *Simulink* models (slx-files):

[ ] For mini-project 2:: proj2.mlx and proj2.slx;

[ ] For lab exercises four and five: ex4.mlx, ex5.mlx;

[ ] For lab exercise six: ex6.mlx.