Title of Module: Image Processing

Module ID:

Credits (national system)**:**   **ECTS:**   4

Responsible Institution: Artevelde Unversity College

Module Coordinator: Geert Fasseur

Module Type: practice based course

Language: *Dutch*

Prerequisites:
Image processing 1 technology

Summary of Module:
We briefly repeat some basic priciples of different images such as vaector and pixel. Afer this introduction we dive into pixelbased image processing. In our case we use photoshop.
Ofcours we explore the fundamentals such as layers, masks and channels. But we go further by using all the automatisation which is possible within photoshop, and go as deep as the use of variable data.

CIGN Module Descriptor

Learning Outcomes:

The student gets insight in the whole process of using an image processing apllication to prepare images fot print and non-print. The students wil be able to automatie many of the often used actions into an automated process.

Learning Objectives:

Theoretical Principles	30%
Analyses	20%
Conception	30%
Realization	20%

Specialist Skills:

☒ Level 1: recognize & reproduce
☒ Level 2: comprehend & apply
☐ Level 3: compare & evaluate
☐ Level 4: connect, deepen & develop

Module Delivery Method(s):   blended learning

iBook application avaiable in the iBook store

Learning & Teaching Activities:

We connect theoretical models to practical application over a course of 12 weeks. The course has a lecture based part and practical hands on part where human coaching is provided.

Learning Material:
The liniar course
Interactive book where students can test themselves and prepare.

Indicative Resources / Obligatory Readings:
The course has an extensive literature list that covers 20 years of research in the domain of image processing

Feedback and Assessment Method(s):
During the weekly coaching sessions students get immediate feedback about their project they are working on. The succesrate has a high succesrate due to human personal coaching.

Costs of Subscription: