Nowadays Color Science is an integral component of nearly every industry manufacturing colored products: printing, desktop publishing, electronic imaging, digital photography, textile, paints, plastics, etc. Recent advances in colorimetry and color technology have been caused by the new developments appeared in this digital age. Color Imaging has evolved from the classical broadband description to a spectral representation.

The course focuses on the main topics of the colorimetry, color imaging and color technology. It starts with the study of specification, measurement and reproduction of color. The problem of measuring color quality using color difference formulas is also covered, showing the latest developments. Digital technologies for capture and delivery color are introduced together with Color Management Systems, the modern solution of a complete color reproduction system. Finally the techniques and developments to obtain spectral images are presented. Numerous examples and applications are described.
## Content

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<th>(ENG) Color Specification</th>
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<td>(ENG) Color Measurement</td>
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## Qualification system

Exam

Homework (problems, selected papers reading, short presentation)
Regulations for carrying out activities

The usual in University teaching

Bibliography

Basic:


Complementary:


