

# The contents of knowledge and technique about computer 3D aided design in industrial design education

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## ABSTRACT

With the rapid development of computer science, many art educationists care about it's impact on art education. In the future, science and art educationists will care about how to use computer aided design. This raises the question? how to raise the learning of computer aided design? The purpose of this research is to focus on the computer aided design subject of industrial design curriculums and analyze the knowledge and techniques which are needed. Also to find the factors which can help learning then to help design by efficient learning. The study is focused on both the need of industrial design education and our social situation, It combines the opinions from professional designers, teachers, and students, then points out the intention of computer aided industrial design knowledge for teaching. This will make business and schools closer, and find a efficient way of learning. The result of this study shows that Trim Surface is used most, so NURBS model is more satisfied with today's work. Besides, learning 2D software first can help create complex sections and help increating material. So, in CAID education, we can start from 2D to Solid model, and then NURBS model, it can raise learning efficiency.

Keywords : Design Education ; CAID ; Industrial Design ; Knowledge ; Technique

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## REFERENCES

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