**<Expression methodology of modern engineering design>Course Description**

**Course:** Expression methodology of modern engineering design

**Course No.:** 3142101162

**Credit / Course Hours:**48

**Preparatory Course:** None

**Course Description:**

The course with the expression method of engineering design as the goal, based on geometry and computer graphics, , take commercialized software and network as the platform. It is built with high and new technologies such as big data, VR, AR, 3D printing and robot and Integrating science, engineering and education. It is an important basic course for Engineering Major.

High level teaching team, broad audience, advanced teaching methods, a large number of practical training contents. It is helpful to cultivate the spatial imagination, innovative ability and many advanced expression skills of the combination of image thinking and logical thinking. The model of curriculum reform provides reference for other courses.