



UNIVERSITI TEKNOLOGI MARA

FTS533: CAD AND TECHNICAL DRAWING

<b>Course Name (English)</b>	CAD AND TECHNICAL DRAWING <b>APPROVED</b>
<b>Course Code</b>	FTS533
<b>MQF Credit</b>	3
<b>Course Description</b>	This class is designed to introduce a student to the fundamentals of Autodesk's AutoCAD software especially for computer modeling and pre-visualization of Set Design and Lighting Plots. At the conclusion of this course, students will have a project created and AutoCAD office standards outlined. This hands-on course introduces students to the process, tools, and the efficient use of AutoCAD (Computer Aided Design) software to create Set and Lighting Design projects. Students will understand and practice the skills used to turn thoughts and ideas to a digital format that can be graphically communicated to others. It provides a study of the efficient use of AutoCAD software and the basic elements of technical and theatrical drafting.
<b>Transferable Skills</b>	Perceptual Skills, Adaptability Skills, Artistic Skills
<b>Teaching Methodologies</b>	Lectures, Blended Learning, Lab Work
<b>CLO</b>	<p>CLO1 Begin to apply Computer Aided Design (AutoCAD) drawings by demonstrating a systematic knowledge and understanding of basic drafting content and skills. within a theatre professional practice</p> <p>CLO2 Competently integrate a conceptual understanding of AutoCAD methodologies, technique and approach that are commonly used in performance design, scenic design and construction.</p> <p>CLO3 Demonstrate the advantages of AutoCAD in preparing design plans and how to set up AutoCAD standards for layers, plotting, symbol libraries, and so on by using a proper drafting dimensioning and labeling techniques</p>
<b>Pre-Requisite Courses</b>	No course recommendations
<b>Reading List</b>	This Course does not have any book resources
<b>Article/Paper List</b>	This Course does not have any article/paper resources
<b>Other References</b>	This Course does not have any other resources