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Texture rendering

COURSE SPECIFICATION

Gain the knowledge to read technical drawings, see icons and engineering terminology, standards and draw simple and complex engineering parts and most encountered in life work

1. Teaching Institution	Central Technical Institute Technical University Alcott
2. University Department/Centre	DMV – first grade
3. Course title/code	Engineering drawing
4. Programme(s) to which it contributes	department
5. Modes of Attendance offered	Weekly attendance
6. Semester/Year	School year 2016-2017
7. Number of hours tuition (total)	3 my 30 week 90 hours faculty
8. Date of production/revision of this specification	12/11 /2016
9. Aims of the Course	
ice students to engineering drawing by compu	
2- How to use Auto CAD and computer applications	
3- How to print and pull graphics	

10• Learning Outcomes, Teaching ,Learning and Assessment Methode

A- Knowledge and Understanding

- A1. Fundamentals of engineering drawing Auto CAD program**
- A2. How to draw geometric shapes and perspective and floor plans**
- A3. How to use applications available within the Auto CAD program on a computer to draw geometric shapes**

B. Subject-specific skills

- B1. A detailed study of the engineering drawing and tapes and tools used in Auto CAD program**
- B2. Conducting practical applications on how to use the program to draw shapes of geometry**

Teaching and Learning Methods

- .View photos of Auto CAD software components and tools used**
- . Lectures on engineering drawing and how to use it in the program**

Assessment methods

- .The student assessment through implementation of computer exercises**
- .Assess student through mid-terms.**
- .Assess student through final exams**

C. Thinking Skills

- C1. Student guidance on how to apply the exercises and computer graphics**
- C2. Guide the student to acquire skills on how to make use of tapes and tools used in the programme Auto cad**

Teaching and Learning Methods

Define student to use drawing in Auto CAD electronic computer and how to use applications available

Assessment methods

- .My first chapter 15 exam**
- .Second semester exam 15 job.**
- .20% year work**
- .Final practical examination 50**

D. General and Transferable Skills (other skills relevant to employability and personal development)

D1. Enables the student to use the software on the computer and work on it

D2. Students gain skills in working on Auto CAD engineering drawing software and printing

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3p	The student understands the lesson	The importance of engineering drawing and the importance of using a computer to implement engineering drawing sizes standard painting – about AutoCAD program.	Practical lecture	Discussion and solving exercises – quiz-homework
2	3p	The student understands the lesson	Font types in engineering drawing using the fall	Practical lecture	Discussion and solving exercises – quiz-homework
3,4	6p	The student understands the lesson	Basic shapes	Practical lecture	Discussion and solving exercises – quiz-homework
5,6	6p	The student understands the lesson	Drawing drawing aid adjustments	Practical lecture	Discussion and solving exercises – quiz-homework
7,8,9	9p	The student understands the lesson	Engineering operations put previous concepts applications dimensions	Practical lecture	Discussion and solving exercises – quiz-homework
10-11-12-13	12p	The student understands the lesson	Perspective drawing rectangular chamber contains a perspective drawing a triangle, polygon	Practical lecture	Discussion and solving exercises – quiz-homework
14-15	6p	The student understands the lesson	Theory of projection – draw a simple house plans	Practical lecture	Discussion and solving exercises – quiz-homework
16-17	6p	The student understands the lesson	Placing dimensions on perspective and floor plans	Practical lecture	Discussion and solving exercises – quiz-homework
18-19-20	9p	The student understands the lesson	The projected drop third conclusion	Practical lecture	Discussion and solving exercises – quiz-homework
21	3p	The student understands the lesson	Cutting theory – shapes pieces by material type draw broken catchment Muscat selector	Practical lecture	Discussion and solving exercises – quiz-homework

22-23	6p	The student understands the lesson	Cutting theory – shapes pieces by material type draw broken catchment	Practical lecture	Discussion and solving exercises – quiz-homework
24-25-26	9p	The student understands the lesson	Draw a catchment cut off from Muscat selector	Practical lecture	Discussion and solving exercises – quiz-homework
27-28	6p	The student understands the lesson	Draw a catchment is broken partly	Practical lecture	Discussion and solving exercises – quiz-homework
29-30	6p	The student understands the lesson	Applications and projects	Practical lecture	Discussion and solving exercises – quiz-homework

12. Infrastructure	
Required reading: <ul style="list-style-type: none"> • CORE TEXTS • COURSE MATERIALS • OTHER 	Engineering drawing Abdel Rasoul pumice Technical drawing Engineering drawing by S.Bogolyubove
Special requirements (include for example workshops, periodicals, IT software, websites)	Technical drawing Engineering drawing Abdel Raoul pumice Engineering drawing by S.Bogolyubove
Community-based facilities (include for example, guest Lectures , internship , field studies)	letter, note ,dotcom

13. Admissions	
Pre-requisites	
Minimum number of students	
Maximum number of students	

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