



MODULE NAME: ENGINEERING DRAWING

Number of credits: 02 (01 Theory – 0 Practice – 06 Self learning)



EXPECTED LEARNING OUTCOMES

Symbol	Expected learning outcomes of this module Upon completion of this module, students will able to	Output standards (OS) of the training program
Knowledge		
K1	- Apply knowledge of reading technical drawings, standards of presentation of technical drawings to evaluate technological diagrams for the production of food products.	ELO4
K2	- From the knowledge learned from technical drawing, combined with other subjects, it is possible to build a production system	ELO5
Skill		
K3	- Reading drawings will help understand diagrams of modern equipment, which will serve well in management and production.	ELO7, ELO8
K4	- Through reading drawings, making drawings, students can think creatively to find problems or improve technology to match the actual production line.	ELO8
K5	- Students who can read drawings will choose appropriate machines, saving costs but also suitable for the production process of each specific company.	ELO12
K6	- Proficiently use knowledge of technical drawings according to standards to build, operate production processes and control food quality.	ELO13

COURSE DESCRIPTION

Chaper 1: Introduction, Drawing materials and tools
 Chaper 2: Standards for drawing presentation Chaper
 3: Drawing geometry
 Chaper 4: Object representation
 Chaper 5: Axonometric view
 Chaper 6: Drawing conventions thread and connections
 Chaper 7: Drawing conventions gear and spring

ASSESSMENT METHODS

- Score Scale: 10
- Process Assessment: 40%: Attendance - 10%, Midterm Exam - 30%.
- Final assessment 60%: Final Exam

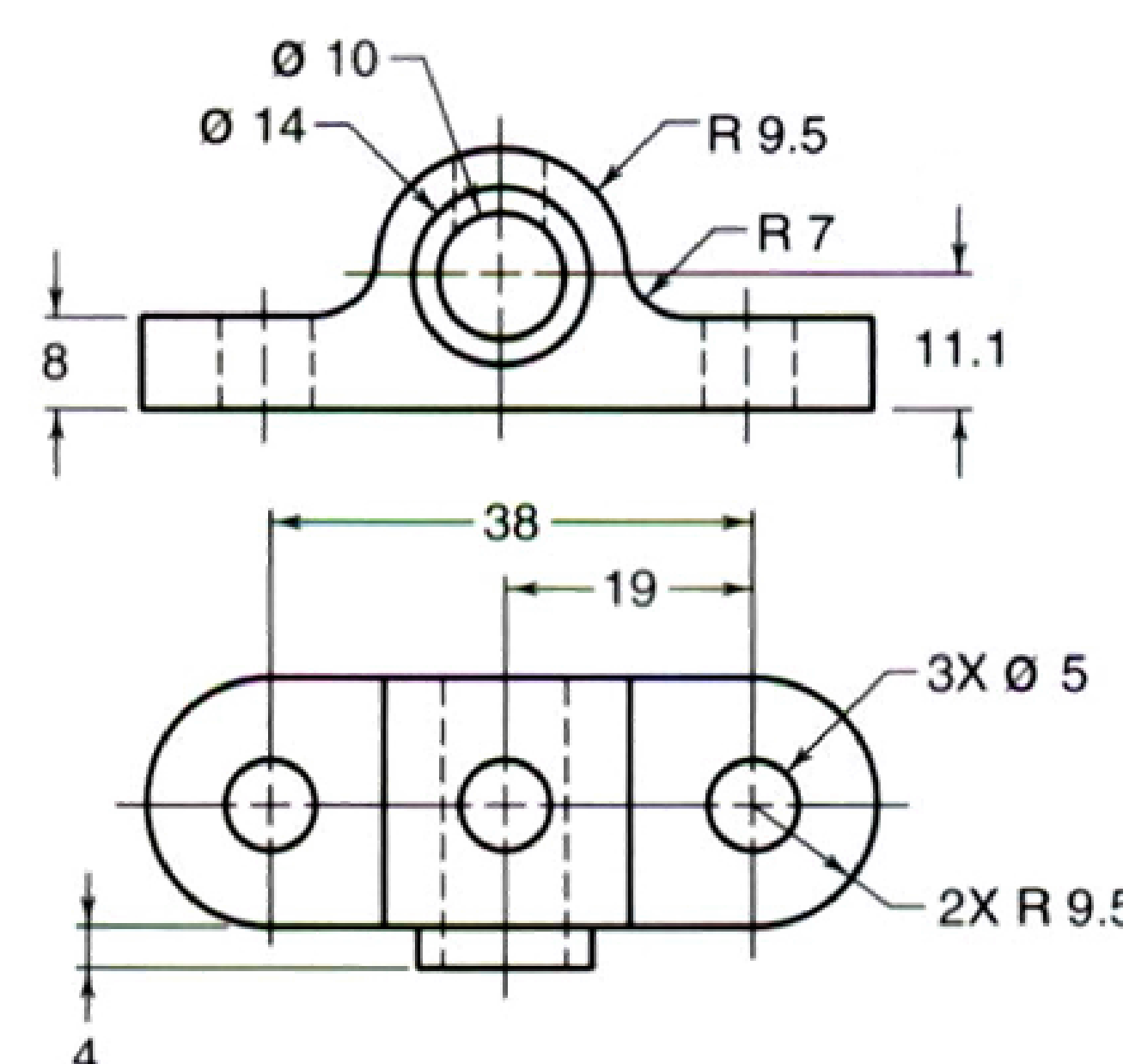
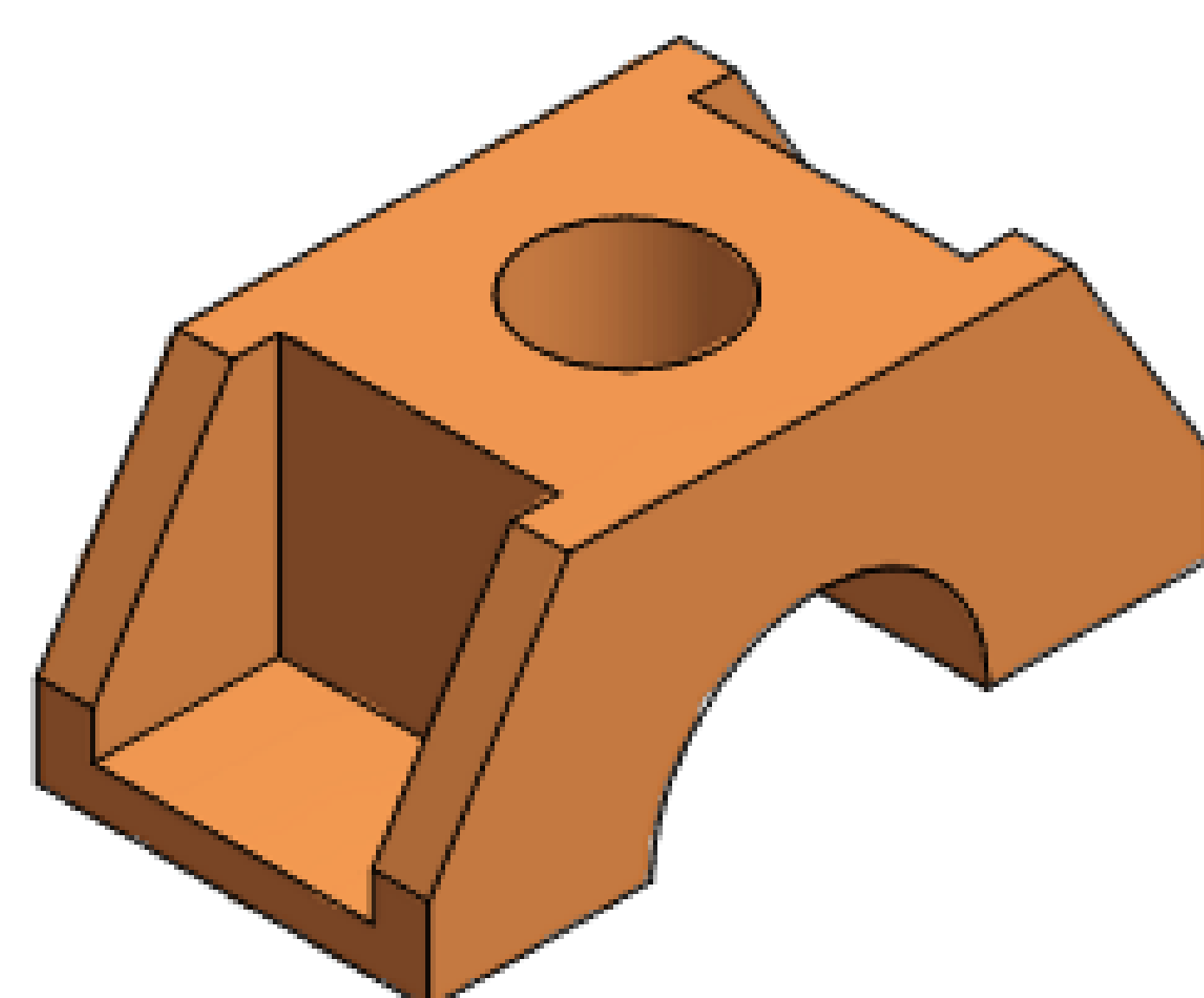


LEARNING METHODS

- Participate in classroom, attention to lectures
- Read the document before going to class
- Take notes of the main content to remember
- Complete the assigned exercises

STUDENT TASKS

- Students attending this course must attend the prescribed class.
- Students must review the old lesson and read the new one before going to class, refer to additional knowledge in the reference material.
- Students must complete assigned assignments



LECTURER IN CHARGE

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