



# Mec E 468 Numerical Simulation in Mechanical Engineering Design

## AUTOMARK REPORT

**Semester: Win 2022**

**Instructor: Prof. David S. Nobes**

**Student Name:**

**Assignment: Assignment No 1**

**PROCESSING DATE: July 6, 2022**

*AUTOMark Assessment Grade: 510 out of 627*

*AUTOMark Recommended Grade: 81 out of 100*

**NOTE: This grade is preliminary only and needs to be confirmed.**

The following pages include each of the drawings in the following order:

- Your submission
- Your submission marked by AutoMARK
- The solution

**Other important points:**

- Examples are given on eClass of how to interpret the mark-up symbols used by AUTOMark.
- If you have any questions, discuss with you TA in the next lab time.

DRAWING CREATION DATE: 14-Apr-2021 14:14:01

DRAWING LAST SAVE DATE: 06-Jul-2022 15:44:09

MODEL CREATION DATE: 12-Apr-2011 09:02:16

MODEL LAST SAVE DATE: 06-Jul-2022 15:40:38

AutoMARK details:


- Sheetnames should contain only alphabetical characters
- Weights of feature properties are set by the marker
- AutoMARK v 4.0 software written and designed by Owen Stadlwieser

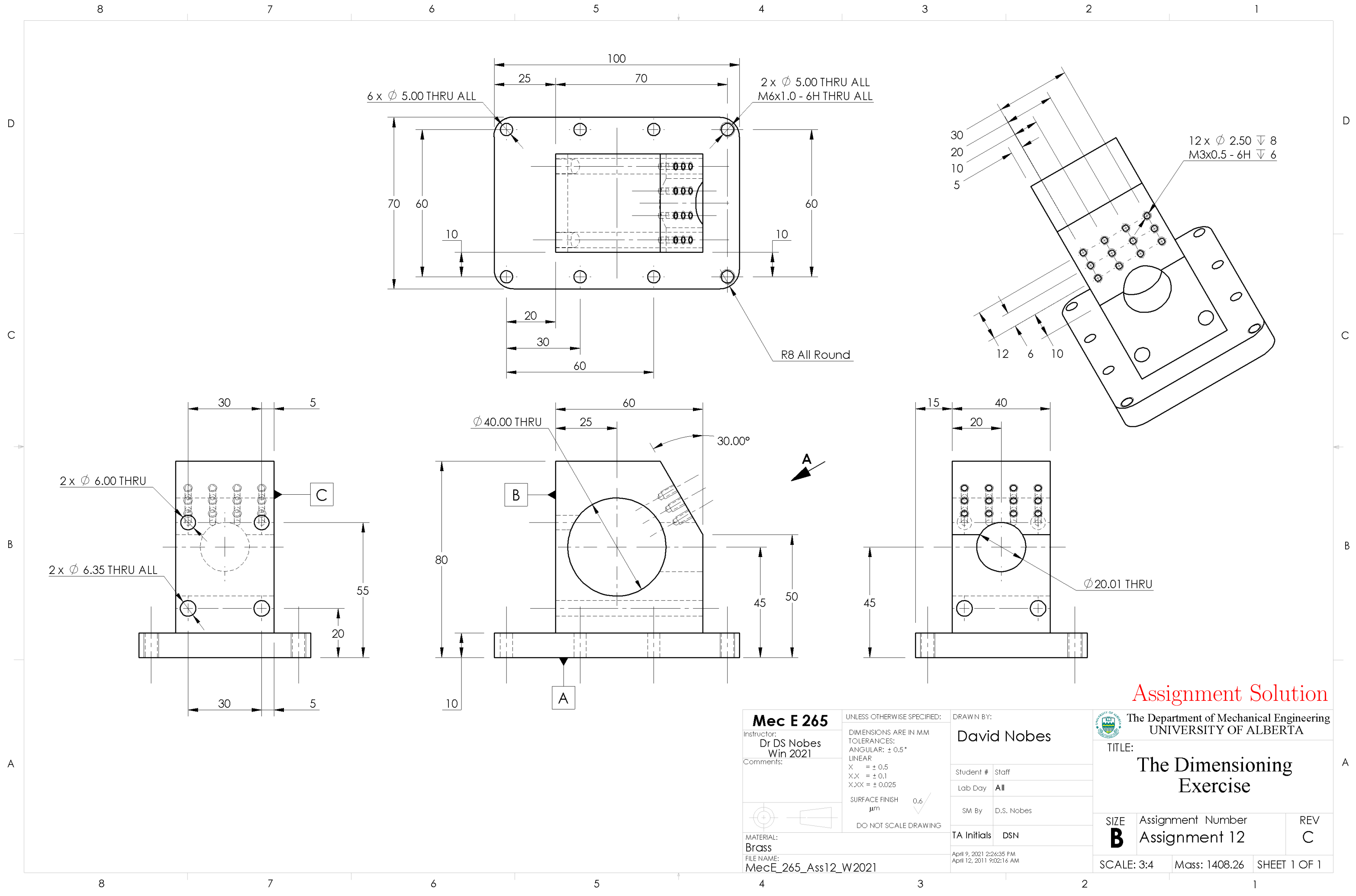
AutoMARK Criterion (The weights of these criterion are decided by the marker):

- DRAWING: SheetOrder, ExtraSheets
- SHEET: SheetPaperSize, SheetScale, SheetTemplate, SheetExtraBOMS, SheetExtraViews, SheetViewTypes, SheetIntersectingBallons
- BILLOFMATERIALS: BOMTableType, BOMNumberColumns, BOMNumberRows, BOM-Position, BOMTableHeight, BOMTableWidth, BOMFontType, BOMFontSize
- VIEW: ViewScale, ViewDisplayStyle, ViewExtraDimension, ViewPosition, ViewExtra-CenterMarks, ViewMass, ViewMaterial, ViewExtraDatums, ViewWrongProjection, ViewEx-traCenterlines
- DIMENSION: DimensionDangling, DimensionWrongView, DimensionPosition, Dimen-sionArrowSide, DimensionValue, DimensionBadText
- CENTERLINE: CenterlineDangling, CenterlinePosition
- CENTERMARK: CentermarkDangling, CentermarkPosition, CentermarkShowlines, Cen-termarkAngle, CentermarkConnectionLines, CentermarkExtensions, CentermarkGap, CentermarkSize, CentermarkGroupedCorrectly
- DATUM: DatumDangling, DatumWrongView, DatumPosition, DatumLabel, DatumDis-playStyle, DatumFilledTriangle
- Ballon: BallonDangling, BallonPosition



Symbol/Colour	Meaning
✓	No deductions on feature
Colour	Incorrect value
Colour	Miscellaneous error
Colour	Incorrect Position
Colour	Unrecognized feature
Colour	Missing feature
?	Feature not found on key



 The Department of Mechanical Engineering UNIVERSITY OF ALBERTA			
TITLE: <h1 style="text-align: center;">The Dimensioning Exercise</h1>			
SIZE <b>B</b>	Assignment Number Assignment 12		REV C
SCALE: 3:4		Mass: 1408.26	SHEET 1 OF 1



Assignment Solution

<b>Mec E 265</b>		UNLESS OTHERWISE SPECIFIED:		DRAWN BY:		 The Department of Mechanical Engineering UNIVERSITY OF ALBERTA	
Instructor: Dr DS Nobes Win 2021		DIMENSIONS ARE IN MM TOLERANCES: ANGULAR: ± 0.5° LINEAR X = ± 0.5 X.X = ± 0.1 X.XX = ± 0.025		David Nobes		TITLE: <b>The Dimensioning Exercise</b>	
Comments:		SURFACE FINISH µm 0.6 ✓		Student # Staff			
		DO NOT SCALE DRAWING		Lab Day All		SIZE <b>B</b> Assignment Number Assignment 12	
MATERIAL: Brass				SM By D.S. Nobes			
FILE NAME: MecE_265_Ass12_W2021				TA Initials DSN		SCALE: 3:4	
				April 9, 2021 2:26:35 PM April 12, 2011 9:02:16 AM		Mass: 1408.26	
						SHEET 1 OF 1	