

FNSACC412

# **ASSESSOR GUIDE**

# **Prepare Operational Budgets**

Assessment 2 of 2

Project



#### Introduction

This assessment assumes a simulated workplace – Ace Finance. The assessment involves knowledge obtained in the learning platform, understanding workplace documents that have been provided, and additional research to be completed.

In this simulated workplace, you will assume the role of a junior accountant. Andrew will be your manager and will provide you with the direction of the tasks in the form of an email.

As per Andrew's instruction, you are required to engage with fictitious clients of Ace Finance. For this assessment, the client is Elite Manufacturing.

#### Assessment Instructions

This assessment is divided into:

• Six [6] case study tasks

Each task will provide instructions on where you are to provide your answer. These will include:

- The templates may have been provided.
- The spreadsheets that are hyperlinked. Alternatively, the spreadsheet can also be located in the assessment section of your learning portal.

In this assessment, you will be required to submit a recording of yourself. Your role play must be recorded with all participants captured in a virtual room using a system such as Zoom, Skype or Microsoft Teams. The recording must be a video file.

#### Resources required for assessment

To complete the assessments students, need to have access to:

- A computer with Internet and email access and a working web browser
- Computer Software:
  - MS Word
  - Adobe Acrobat Reader
  - Microsoft Excel

#### Submission requirements

To be eligible to be deemed competent in this assessment, you are required to submit the following documents. Do so by saving these to your computer and submitting and uploading your documents onto the LMS once you believe you have successfully completed all required tasks.

This asses	This assessment requires:				
	Assessment 2-				
		Project			
	Task 1	Prepare 5 budget documents			
	Task 2	Email Elite Manufacturing and address questions.,			
	Task 3	Prepare a cash flow budget			
	Task 4	Prepare budget variance reports and an email			
	Task 5	Role play meeting to discuss the budgeting function			
	Task 6	Role play meeting to discuss the budget variances			

Save all documents on your computer with the following naming convention:

### FNSACC412\_Assessment2\_Student name

When you have completed your assessment. upload it into the platform where you downloaded this assessment from.







### Assessment Information

#### Submission

You are entitled to three (3) attempts to complete this assessment satisfactorily. Incomplete assessments will not be marked and will count as one of your three attempts.

All questions must be responded to correctly to be assessed as satisfactory for this assessment.

Answers must be typed into the space provided and submitted electronically via the LMS. Hand-written assessments will not be accepted unless previously arranged with your assessor.

#### Reasonable adjustment

Students may request a reasonable adjustment for assessment tasks.

Reasonable adjustment usually involves varying:

- the processes for conducting the assessment (e.g., allowing additional time)
- the evidence gathering techniques (e.g., oral rather than written questioning, use ofa scribe, modifications to equipment)

However, the evidence collected must allow the student to demonstrate all requirements of the unit.

Refer to the Student Handbook or contact your Trainer for further information.



Please consider the environment before printing this assessment.

### Assessment 2

Task 1- Preparing Budgets for Elite Manufacturing

Please read the following email and follow the task instructions provided by Andrew.



Subject: Preparing budgets for Elite Manufacturing

#### Email

#### Hi there.

Elite is stepping into its annual budget cycle. As a junior Accountant, you are required to prepare operational budgets using complex financial data. Certain operational budgets will be prepared as seasonal budgets.

Elite manufacturing, a key customer of Ace Finance, has decided to introduce a comprehensive budgeting system for the forthcoming year, which starts as of 1 July 2022. Mulgrave Productions is a privately owned company and has manufacturing plants across the country. The company produces and sells two [2] products:

- Product A
- Product B.

You are provided with the following information and templates for each part:

Elite Manufacturing has the following two [2] subsidiary companies:

- Sunrise Rice Bubbles
- Mountain Air Fruit Bran

### **Elite Manufacturing** - operational information

	Product A	Product B
Sales forecast units	600,000	175,000
Selling price per unit	\$ 27	\$42
Finished goods, 1Jul 20x1 [units]	26,400	14,400
Required finished goods 30 Jun 20x2 [units]	32,400	20,400
Direct materials 1Jul 20x1 [kg]	54,000	14,400
Required materials inventory, 30 Jun 20x2 [kg]	42,000	18,000
Direct materials required per unit	1.2kg	1.8kg
Material cost per kg	\$4.20	\$5.40
Direct labour time required per unit [hours]	0.6	0.9
Direct labour cost per hour	\$12.00	\$13.20
Cost of production per unit	\$15.00	\$25.80
Budgeted selling and distribution expenses	\$840,000	\$450,000
Budgeted administration expenses	\$540,000	\$480,000

Can you please prepare the following documents for the coming financial year:

- Sales budget
- Production budget
- Direct materials budget
- Direct labor budget
- Factory overhead budget

To complete this task, please refer to **Task1 tab** in the *FNSACC412\_A2\_spreadsheet*.

Warm regards,

Andrew- Manager
andrew@ace.finance

### **Assessor Instructions**

The following is an Extract of **Task 1 tab** in the FNSACC412\_A2\_spreadsheet that includes the exemplar answers.

Product	Budgets for Elite	e M	anufacturi	ng		
Product         A         B           Budgeted sales units         600000         175000           Budgeted price per unit         \$ 27.00         \$ 42.00           Budgeted Sales         \$ 16,200,000         \$ 7,350,000           Production Budget           Product         A         B         Total           Forecasted sales units         600,000         175,000         775,000           Ending inventory         32,400         20400         52,800           Beginning finished goods         26400         14400         40,800           Production required         606,000         181,000         787,000           Direct Materials Budget         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8         1.8           Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)<						
Budgeted sales units			۸		R	
Budgeted price per unit   \$ 27.00					_	
Production Budget	-	¢		¢		
Production Budget         A         B         Total           Forecasted sales units         600,000         175,000         775,000           Ending inventory         32,400         20400         52,800           Beginning finished goods         26400         14400         40,800           Production required         606,000         181,000         787,000           Direct Materials Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8         Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget						
Product         A         B         Total           Forecasted sales units         600,000         175,000         775,000           Ending inventory         32,400         20400         52,800           Beginning finished goods         26400         14400         40,800           Production required         606,000         181,000         787,000           Direct Materials Budget           Product         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8         Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B	0	•	-,,	•	, ,	
Forecasted sales units 600,000 175,000 775,000 Ending inventory 32,400 20400 52,800 Beginning finished goods 26400 14400 40,800 Production required 606,000 181,000 787,000  Direct Materials Budget Product A B Total Production units required 606,000 181,000 787,000 Materials per unit (kg) 1.2 1.8 (kg of materials required 727,200 325,800 1,053,000 Desired ending materials (kg) 42,000 18,000 60,000 Kilograms needed 769,200 343,800 1,113,000 Beginning materials (kg) 54,000 14,400 68,400 Purchased required (kg) 715,200 329,400 1,044,600 Cost per kg \$ 4.20 \$ 5.40 Cost of purchases \$ 3,003,840 \$ 1,778,760 \$ 4,782,600 Direct Labour Budget Product A B Total Production units required 606,000 181,000 787,000 Direct labour hours per unit 0.6 0.9 Total hours required 363,600 162,900 526,500 Labour rate per hour \$ 12.00 \$ 13.20 Total labour cost \$ 4,363,200 \$ 2,150,280 \$ 6,513,480 Factory Overhead Budget Product A B Total	Production Budget					
Ending inventory         32,400         20400         52,800           Beginning finished goods         26400         14400         40,800           Production required         606,000         181,000         787,000           Direct Materials Budget           Product         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8           Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Total hours required         363,600         162,900         <	Product		Α		В	Total
Beginning finished goods         26400         14400         40,800           Production required         606,000         181,000         787,000           Direct Materials Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8           Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Direct labour hours per unit         0.6         0.9         162,900         526,500           Lab	Forecasted sales units		600,000		175,000	775,000
Production required         606,000         181,000         787,000           Direct Materials Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8           Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget           Product         A         B         Total           Product purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total <td>Ending inventory</td> <td></td> <td>32,400</td> <td></td> <td>20400</td> <td>52,800</td>	Ending inventory		32,400		20400	52,800
Direct Materials Budget         A         B         Total           Production units required         606,000         181,000         787,000           Materials per unit (kg)         1.2         1.8           Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Product Induct Induct Induction units required         606,000         181,000         787,000           Direct Labour hours per unit         0.6         0.9         526,500           Labour rate per hour         \$ 12.00         \$ 13.20         526,500           Total labour cost         \$ 4,363,200         \$ 2,150,280	Beginning finished goods		26400		14400	40,800
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Materials per unit (kg)       1.2       1.8         Kg of materials required       727,200       325,800       1,053,000         Desired ending materials (kg)       42,000       18,000       60,000         Kilograms needed       769,200       343,800       1,113,000         Beginning materials (kg)       54,000       14,400       68,400         Purchased required (kg)       715,200       329,400       1,044,600         Cost per kg       \$ 4.20       \$ 5.40         Cost of purchases       \$ 3,003,840       \$ 1,778,760       \$4,782,600         Direct Labour Budget       A       B       Total         Product       A       B       Total         Product labour hours per unit       0.6       0.9         Total hours required       363,600       162,900       526,500         Labour rate per hour       \$ 12.00       \$ 13.20         Total labour cost       \$ 4,363,200       \$ 2,150,280       \$6,513,480         Factory Overhead Budget       Product       A       B       Total	Product		Α		В	Total
Kg of materials required         727,200         325,800         1,053,000           Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Direct labour hours per unit         0.6         0.9         526,500           Labour rate per hour         \$ 12.00         \$ 13.20         526,500           Labour rate per hour         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Production units required		606,000		181,000	787,000
Desired ending materials (kg)         42,000         18,000         60,000           Kilograms needed         769,200         343,800         1,113,000           Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9         526,500           Labour rate per hour         \$ 12.00         \$ 13.20         526,500           Labour rate per hour         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Materials per unit (kg)		1.2		1.8	
Kilograms needed       769,200       343,800       1,113,000         Beginning materials (kg)       54,000       14,400       68,400         Purchased required (kg)       715,200       329,400       1,044,600         Cost per kg       \$ 4.20       \$ 5.40         Cost of purchases       \$ 3,003,840       \$ 1,778,760       \$ 4,782,600         Direct Labour Budget       A       B       Total         Product       A       B       Total         Production units required       606,000       181,000       787,000         Direct labour hours per unit       0.6       0.9       526,500         Total hours required       363,600       162,900       526,500         Labour rate per hour       \$ 12.00       \$ 13.20       5         Total labour cost       \$ 4,363,200       \$ 2,150,280       \$ 6,513,480         Factory Overhead Budget       Product       A       B       Total	Kg of materials required		727,200		325,800	1,053,000
Beginning materials (kg)         54,000         14,400         68,400           Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9         526,500           Labour rate per hour         \$ 12.00         \$ 13.20         526,500           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Desired ending materials (kg)		42,000		18,000	60,000
Purchased required (kg)         715,200         329,400         1,044,600           Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9         526,500           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20         \$ 6,513,480           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Kilograms needed		769,200		343,800	1,113,000
Cost per kg         \$ 4.20         \$ 5.40           Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9         526,500           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         Product         A         B         Total	Beginning materials (kg)		54,000		14,400	68,400
Cost of purchases         \$ 3,003,840         \$ 1,778,760         \$ 4,782,600           Direct Labour Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total	Purchased required (kg)		715,200		329,400	1,044,600
Direct Labour Budget         A         B         Total           Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total	Cost per kg	\$	4.20	\$	5.40	
Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total	Cost of purchases	\$	3,003,840	\$	1,778,760	\$4,782,600
Product         A         B         Total           Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total						
Production units required         606,000         181,000         787,000           Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total	Direct Labour Budget					
Direct labour hours per unit         0.6         0.9           Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget           Product         A         B         Total	Product		Α		В	Total
Total hours required         363,600         162,900         526,500           Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Production units required		606,000		181,000	787,000
Labour rate per hour         \$ 12.00         \$ 13.20           Total labour cost         \$ 4,363,200         \$ 2,150,280         \$ 6,513,480           Factory Overhead Budget         A         B         Total	Direct labour hours per unit		0.6		0.9	
Total labour cost \$ 4,363,200 \$ 2,150,280 \$ 6,513,480  Factory Overhead Budget  Product A B Total	Total hours required		363,600		162,900	526,500
Factory Overhead Budget Product A B Total	Labour rate per hour		12.00	\$	13.20	
Product A B Total	Total labour cost	\$	4,363,200	\$	2,150,280	\$6,513,480
Product A B Total						
Total cost of production (1) 9,090,000 4,669,800 13,759,800					В	Total
			9,090,000		4,669,800	13,759,800
Raw materials cost (2) 3,063,840 1,778,760 4,842,600	` ,		3,063,840		1,778,760	4,842,600
Direct labour costs 4,363,200 2,150,280 6,513,480					2,150,280	
total prime costs 7,427,040 3,929,040 11,356,080	·		7,427,040		3,929,040	11,356,080
Factory overhead = total cost	•					
of production - total prime	,		1 662 960		740 760	2 403 720
1,002,300 740,700 2,403,720			1,002,000		7-10,700	2,403,720

### Task 2- Cash Flow Statement for Elite Manufacturing

Please read the following email and follow the task instructions provided by Andrew.



Subject: Elite Manufacturing

#### Email

Hi there.

Thank you for completing the budgets for Elite Manufacturing.

Next, can I get you to create a budgeted statement of financial performances for the year ending June 30 2023? To complete this task, please refer to **Task 2 tab** in the *FNSACC412\_A2\_spreadsheet*.

Some items to take into consideration include:

### Organisational goals and forecasts for the current year

- Sales revenue to break even at 23,000,000.
- Total budgeted expenses not to exceed \$2,300,00 [10% of sales revenue]
- Net profit to be at least \$7,500,000.

Once you have developed the budgeted statement and taken into consideration the data I have provided, can you please do an analysis and address the following queries from Elite Manufacturing?

- Confirm whether the six [6] budget milestones are consistent with organisation goals, projects and forecasts.
- Identify and confirm the key budgetary milestones to be followed in the current year's budget cycle. In addition, identify two [2] key performance indicators to measure sales and expense productivity.

Prepare an email to send to Elite Manufacturing addressing the above queries. The email must be sent with the completed budgetary statement.

Warm regards,
Andrew- Manager
andrew@ace.finance



Use the following email template to prepare your email to Elite Manufacturing. Submit this assessment with the completed email.

### **Email Template**

То	
From	
Subject	
Attachments	
	Email
Warm regards,	



#### **Assessor Instructions**

The following is an Extract of **Task 2 tab** in the FNSACC412 A2 spreadsheet that includes the exemplar answers.

Budgeted Statement of Financial Performance for Elite Manufacturing for the year ended 30 June 2023					
ioi tile year ended 30 Julie 2023					
Product	Α	В	Total		
Sales revenue	16,200,000	7,350,000	23,550,000		
Cost of goods sold	9,000,000	4,515,000	13,515,000		
Gross Profit	7,200,000	2,835,000	10,035,000		
Selling and distribution expenses	840,000	450,000	1,290,000		
administration expenses	540,000	480,000	1,020,000		
Total budget expenses	1,380,000	930,000	2,310,000		
Net Profit	\$ 5,820,000	\$ 1,905,000	\$ 7,725,000		
Net Profit	\$ 5,820,000	\$ 1,905,000	\$ 7,725		

### Task 3- Budgeted Statement for Elite Manufacturing

Please read the following email and follow the task instructions provided by Andrew.



Subject: Elite Manufacturing

#### Email

#### Hi there,

As the Junior Accountant, you are required to prepare operational budgets using complex financial data. Certain operational budgets will be prepared as seasonal budgets.

Elite Manufacturing has chosen Ace Finance to prepare its budgets for the forthcoming year which starts on 1 July 2022. It is an export manufacturer and operates from two locations.

You are provided with the following information and templates (attached to this email).

You are required to prepare the budgeted cash flow statement for the first two [2] quarters of the financial year ending 30 June 2023.

Revenue figures are in the table below.

- 60% of the revenue will be collected during the quarter in which the products are sold
- 25% will be collected in the quarter following the sale
- 10% will be collected in the quarter following the sale
- 5% will be collected in the third quarter following the sale

Elite Manufacturing employs staff on contract basis. They are paid according to the following contract terms:

70% of the salaries to staff are paid in quarter in which they worked and the balance is paid in the following

quarter.

Advertising and promotion expenses are \$36,000 per quarter plus 15% of revenue. Administrative expenses are estimated to be \$96,000 per quarter, which includes \$28,800 of depreciation expense. All expenses except depreciation are paid when incurred.

Elite Manufacturing is planning to buy equipment during the first quarter for \$48,000. They will pay off a \$72,000 loan, which will mature during the second quarter. The interest due at maturity will be \$8,400.

The anticipated cash balance on 1 January 2023 is \$36,000.

The estimated revenue from consulting fees and costs of contracted consultants are as follows:

Quarter	Revenue	Staff payments
Q2 2022	\$288,000	\$168,000
Q3 2022	\$264,000	\$144,000
Q4 2022	\$336,000	\$192,000
Q1 2023	\$456,000	\$120,000
Q2 2023	\$312,000	\$144,000

To complete this task, please refer to **Task 3 tab** in the *FNSACC412\_A2\_spreadsheet*.

Warm regards,

Andrew-Manager andrew@ace.finance



### **Assessor Instructions**

The following is an Extract of **Task 3 tab** in the FNSACC412\_A2\_spreadsheet that includes the exemplar answers.

#### **Budgeted Statement of Cash Flows** for Elite Manufacturing for Q3 and Q4 2023 March June Total Cashflow from operating activities: Receipts from customers [1] 398400 348000 Payments to suppliers and employees [2] -313200 -286800 Interest paid -8400 Net cash from operating activities: 85200 52800 138000 Cashflow from investing activities: Purchase of equipment -48000 Net cash from investing activities -48000 -48000 Cashflow from financing activities: Repayment of borrowings -72000 Net cash from financing activities -72000 -72000 Net increase/[decrease] in cash held 37200 -19200 18000 Cash at the beginning of the quarter 36000 73200 36000 Cash at the end of the quarter 73200 54000 54000 **WORKINGS:** Receipts from Customers March June 0.30\*192,000 57,600 0.30\*120,000 36,000 0.70\*120,000 84,000 0.7\*144,000 100,800 Adv. promo. 36,000 36,000 admin 68,400 0.15\*312,000 46,800 0.15\*456,000 96,000-28,800 67,200 67,200 313,200 286,800 March June 0.30\*192,000 57,600 0.3\*120,000 36,000 0.7\* 120,000 84,000 0.7\*144,000 100,800 Adv. promo. 36,000 36,000 admin 68,400 0.15\*312,000 0.15\*456,000 46,800 96,00-28,800 67,200 67,200 313,200 286,800

Task 4 Budgeted Variances for Elite Manufacturing

Please read the following email and follow the task instructions provided by Andrew.



Subject: Elite Manufacturing-Budget Variances

#### Email

#### Hi there.

Amazing work! Thank you so much for getting onto this so quickly. Next before our presentation to the team, we need to calculate the budget variances and analyse them to identify whether they are favourable or unfavourable.

The budget variances report covers:

- a) Sales variance
- b) Material variance
- cl Labour variance
- d) Variable overhead variance
- e) Fixed overhead variances

The managers of Elite Manufacturing want to grow the business. They need to hit their sales milestones to ensure they have the capital to fund their growth plan. Their objective is to achieve at least a \$2,500 favourable variance for their Total Sales Variance.

To complete this task, please refer to **Task 4 tab** in the *FNSACC412\_A2\_spreadsheet*.

Once you have completed the variance calculations, analyse the Sales Variances and confirm whether Elite Manufacturing is on track to achieve its objective. Send them an email with the budget variances attached and explain the Total Sales Variance and your opinion on whether they will achieve the milestone.

If there are unfavourable variances, we will need to seek direction from the client regarding any further investigation and possible responses.

The email must cover the variance reports, the Total Sales Variance milestone and seeking direction on unfavourable variances.

The email must be sent within 48 hours of completing the variance calculations with them attached.

See the following supporting information for preparing the budget variances

#### Sales

Sales Information	Product A	Product B
Actual selling price	\$6.20	\$7.70
Budgeted selling price	\$6.00	\$8.00
Actual units sold	8,000	33,000
Budgeted quantity	10,000	30,000
Budgeted quantity		

#### **Materials**

Standard quantity	24,000
Standard price	\$5.00
Actual quantity	16,000
Actual price	\$7.00

### Labour

Standard quantity	28,000
Standard price	\$9.00
Actual quantity	42,000

Actual price	\$8.00
ariable Overheads	
Actual variable overhead	\$13,000
Actual hours	2,500
Variable Overhead Rate	\$4.00
Standard hours	3,000

Actual fixed overhead	420,000
Fixed overhead rate	\$20.00
Budgeted production hours (2 locations)	10,000
Standard production hours (2 locations)	9,500
Actual production hours (2 locations)	10,100

Warm regards,
Andrew- Manager
andrew@ace.finance



### **Assessor Instructions**

The following is an Extract of  ${f Task \, 4 \, tab}$  in the FNSACC412\_A2\_spreadsheet that includes the exemplar answers.

Budgeted Statement		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
a) Sales Variance Sales price variance = (	Actual colling price	
Budgeted selling price)		Workings for Assessor
Product A	1,600	
Product B	(\$9,900)	(\$7.70 - \$8.00 x 33,000]
Sales price variance	(\$8,300)	
	= (Actual quantity - Budgeted	
quantity) x Budgeted se		
Product A		8,000 vs. 10,000 x \$6.00
Product B		33,000 VS. 30,000 x \$8.00
Sales volume variance Total sales variance \$3,700 [favo	12,000 urable), which is a combination	n of sales price variance \$8 300
[unfavourable] and sales volume	• •	
b) Materials Variance		
Total Matieras Variano	ce	
Standard quantity x Standard		
price	120,000	(24,000 x \$5)
Actual quantity x actual price	112,000	(16,000 x \$7)
	8,000	
Material price variance		\$7 - \$5
Material price variance	! 	
(Standard price - Actual price) x actual quantity	(32,000)	(\$5 - \$7) X 16,000
(Standard quantity - Actual		(\$5 - \$7) × 10,000
quantity) x Standard price	40,000	(24,000 - 16,000) X \$5
quantity) x otaniaana prioc		(21)000 20)000 7740
c) Labour Variance		
Total Labour Variance		
Standard quantity x Standard	252.000	
price	252,000	(28,000 x \$9)
Actual quantity x actual price	336,000	(42,000 x \$8)
	(84,000)	
Labour price variance	\$ 1.00	\$9 - \$8
Labour Quantity Variar (Standard price - Actual price) x	ice I	
actual quantity	42,000	(\$9 - \$8) X 42,000
(Standard quantity - Actual		(\$3 \$0) X 42,000
quantity) x Standard price	(126,000)	(28,000 - 42,000] x \$9
d) Variable Overheads Variance		
Variable Overheads Pri		
Actual variable overhead	13,000	(2.500
Budgeted adjusted actual hours Price Variance	· · · · · · · · · · · · · · · · · · ·	(2,500 x \$4)
Variable Overheads Eff	(3,000)	
Budgeted adjusted actual hours	10,000	
Budgeted adjusted to standard		
hours	12,000	(3,000 x \$4)
Efficiency variance	2,000	
e) Fixed Overheads Variance		
Fixed Ovcerhead Budge	et Variance	
Actual fixed overhead	420,000	
Budgeted fixed overhead		(10,000 x 2)x \$20
Budget Variance	(20,000)	
Volume Variance	400.000	
Budgeted fixed overhead Standard fixed overhead	400,000	(9,500 x 2) x \$20
Volume variance	(20,000)	(2)200 / 2) / 420
Fixed Overhead Efficie		
(Standard hours vs actual hours))	(24,000)	
x standard fixed overhead rate		(19,000-20,200) X \$20
Fixed Overhead Pure V	olume Variance	
(Actual hours - Budgeted hours)	4,000	
x standard fixed overhead rate	I -,,,,,	(20,200 - 20,000) X \$20

Use the following email template to prepare your email to Elite Manufacturing. Submit this assessment with the completed email.

### **Email Template**

То		
From		
Subject		
Attachments		
Fmail		

#### Email contents

Total sales variance \$3,700 [favourable]. which is a combination of sales price variance \$8,300 [unfavourable] and sales volume variance \$12,000.

This exceeds the goals of \$2500 favourable variance. Elite Legal Partners is on track to achieve its objective.

#### Unfavourable Variances

- Sales price variance
- Material Variance
- Labour Variance
- Fixed Overhead Variance
- Variable Overhead Variance

Our variance analysis has identified the above unfavourable variances.

These require further investigation to determine whether they are one off events or trends and to plan a response.

Please give me instructions regarding whether to look into all unfavourable variances or identify priorities for investigation.

Warm regards,

Robyn-Junior Accountant

robyn@ace.finance



### Task 5- Role play

Please read the following email and follow the task instructions provided by Andrew.



Subject: Elite Manufacturing-Budget Variances

Email

Hi there,

Thank you for being so on the ball with the work coming in. Next, we have our upcoming meetings with our client

Elite Manufacturing.

### Meeting 1

Their Finance Officer and Bookkeeper want to manage the budgeting function more in-house. They want to learn more about key features of possible policies and procedures and about using MYOB to support the preparation of budgets.

### This task is a role play.

Explain three [3] of the following key features that should be included in the new Elite Manufacturing's organisational policies and procedures for budgeting:

- 1. Frequency [annual, quarterly, etc.]
- 2. Budget centres
- 3. Types of budgets reports
- 4. Forecasts
- 5. Review and sign off [who is responsible].
- Does MYOB have budgeting facilities? If so, can you please explain the key features?
- What are the key steps of setting up an overall budget in MYOB system?
- What are the challenges in transitioning from a manual budgeting MS Excel based approach to MYOB system?

### During the meeting:

- address all elements of the Observation Checklist below
- clarify the reason for the meeting

Observation Checklist	Yes	No
During the meeting, students must demonstrate they have:		+
		-
Followed accepted communication practices by		
introducing themselves and explain the reason for the meeting		
Discussed each key features that should be included in organisational		
policies and procedures budgeting:		
<ul> <li>Frequency [annual, quarterly, etc.]</li> </ul>		
Budget centres		
Types of budgets reports [sales budget, materials budget, labour		
budget, variable overheads budget, and fixed overhead		
budget]		
Forecasts		
Review and sign off [who is responsible].		
Discussed features and challenges of MYOB for budgeting		

Warm regards,
Andrew- Manager
andrew@ace.finance



# **MYOB Advanced**

## **Project Budget Forecasts**



### **Role Play Instructions**

### **Option 1: Peer participants**

You must complete this task with 2 peers, playing the Finance Officer and the Bookkeeper. Explain the purpose of the role play/meeting and a copy of the Task 5 description and the observation checklist so that they can prepare for the recording.

Your peers will need to state their names and job titles at the start of the recording to confirm informed consent.

### Option 2: Fellow students for participants

Two fellow students can participate in the recording playing the Finance Officer and the Bookkeeper. They must have reviewed the assessment activity and observation checklist so that they can prepare for the recording.

Students will need to state their name and that they are a student [as their job title] at the start of the recording to inform consent.

Questions to ask during the meeting and who should ask them:

Finance Officer	Does MYOB have budgeting facilities? If so, can you please explain the key features?
Finance Officer	What are the key steps of setting up an overall budget in MYOB system?
<b>Bookkeeper</b> What are the challenges in transitioning from a manual budge	
	Excel based approach to MYOB system?

### **Recording instructions**

Your role play must be recorded with all participants captured in a virtual room using a system such as Zoom, Skype or Microsoft Teams. The recording must be a video file.

Consent to participate in the recording must be captured for all participants at the start of the meeting. This is achieved by the student reading the following statement at the start of the recording, with all participants replying their name and job title to inform consent.

"This session/presentation is being recorded for assessment purposes for my course with Swinburne Open Education. This session will be recorded and submitted through my course online learning platform to my Assessor for grading. All participants in this session indicate their consent to be

included in this recording by stating their name and job title."

The time taken to capture consent at the start of the recording does not count towards the recording time limit.

Include this recording as part of your assessment submission.

### **Assessor Instructions for Role play**

Suitable answer must include the following.

- 1. Budgets are usually prepared annually. However, quarterly interim budget cycles can be useful for sales forecasting and cash flow forecasting.
- 2. Budget centres are functional units headed by a manager who is responsible for activities of that unit. These can be:
  - Revenue centres
  - Expense centres
  - Profit centres
  - Investment centres.
- 3. Students are required to explain each of the budget reports mentioned and the primary objective of preparing such budget reports.
- 4. Forecasts are primarily used to prepare sales budgets.
- 5. Budgets are signed off by the Accountant/Finance Manager. The final sign-off should be done through the Finance Director/CFO.

Suitable answer should include the following:

- 1. You can use MYOB to prepare budgets using 'budget manager worksheet'. You can only have one overall budget per organisation. However, you can create additional budgets. You'll need the adviser or standard user role to create a budget.
- 2. Below are the key steps:
  - In the Accounting menu, select Reports.
  - Under Financial, click Budget Manager.
  - Select your start date.
  - To compare with actuals, set how far back you want to view [3,6, or 12 months]. Select 'None' if you don't want to view actuals.
  - Select the period you want the budget to cover. You can choose 3, 6 or 12 months.
  - Click 'update' to filter the budget by your selections
  - Enter budget amounts into each account field. Use a simple formula to fill out months using green arrows.
  - Click save at any time to preserve your changes
- 3. Some of the challenges include:
  - Appropriate training
  - Annual subscriptions to access MYOB adviser or standard module
  - Setting up budgets and transitioning historical budget records to MYOB + system.

### Task 6- Role play

Please read the following email and follow the task instructions provided by Andrew.



Subject: Meeting with Elite Manufacturing

Email

Hi there,

#### Meeting 2

Senior managers want to plan their response to the variance reports to ensure they achieve their financial

milestones. Your task is to identify the unfavourable variances regarding company overheads and suggest possible responses to address them.

### This task is a role play.

### Instructions to students

In this task, you will participate in a role play meeting with Elite Manufacturing's managers.

### During the meeting:

address all elements of the Observation Checklist below

clarify the reason for the meeting

discuss each of the unfavourable variances and at least one effective response to address each one.

Observation Checklist		No
During the meeting, students must demonstrate they have:		
Followed accepted communication practices by		
introducing themselves and explain the reason for the meeting		
Discussed each unfavourable variance related to overheads		
Discussed a response to address each unfavourable variance		

Warm regards,

Andrew-Manager andrew@ace.finance



### Role Play Instructions

### **Option 1: Peer participants**

You must complete this task with 2 peers, playing 2 senior managers. Explain the purpose of the role play/meeting and a copy of the Task 6 description and the observation checklist so they can prepare for the recording.

Your peers will need to state their names and job titles at the start of the recording to confirm informed consent.

### **Option 2: Fellow students' participant**

Two fellow students can participate in the recording, playing 2 senior managers. They must have reviewed the assessment activity and observation checklist so that they can prepare for the recording.

Students will need to state their name and that they are a student [as their job title] at the start of the recording to inform consent.

Questions to ask during the meeting:

For each variance - ask for an example of what could cause the variance.

For each variance - ask for an example of an effective response to address the variance.

One role play participant asks questions about the causes of variances. The other role play participant asks questions about effective responses.

### Recording instructions

Your role play must be recorded with all participants captured in a virtual room using a system such as Zoom, Skype or Microsoft Teams. The recording must be a video file.

Consent to participate in the recording must be captured for all participants at the start of the meeting. This is achieved by the student reading the following statement at the start of the recording, with all participants replying with their name and job title to inform consent.

"This session/presentation is being recorded for assessment purposes for my course with Swinburne Open Education. This session will be recorded and submitted through my course online learning platform to my Assessor for grading. All participants in this session indicate their consent to be included in this recording by stating their name and job title."

The time taken to capture consent at the start of the recording does not count towards the recording time limit.

Include this recording as part of your assessment submission.

### **Assessor Instructions for Role play**

Suitable answer must include the following.

Unfavourable variance	Possible response
Variable overhead price variance Price variance \$3,000 unfavourable	Review the casual workforce and allocate work more efficiently Find cheaper suppliers for materials Ensure all equipment has been serviced and maintained to minimise running costs
Fixed overhead budget variance Budgeted variance - \$20,000 unfavourable Volume variance - \$20,000 unfavourable	Negotiate better utility costs or find a cheaper provider Find cheaper insurance policies for buildings and other fixed assets Review FTE workforce for any efficiencies
Fixed overhead efficiency variance [Actual hours vs. standards hours] x standard fixed overhead rate [20,200- 19,000] x \$20- \$24,000 unfavourable	Set employee targets for completing tasks to increase efficiency Review operations for streamlining



### Congratulations, you have reached the end of Assessment 2!

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