

Students Excel





MooLah Cash Flow Forecast

Written and Presented by

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About the speaker:

David H. Ringstrom, CPA, is an author and nationally recognized instructor who teaches scores of webinars each year. His Excel courses are based on over 25 years of consulting and teaching experience. His mantra is “Either you work Excel, or it works you.” David offers spreadsheet and database consulting services nationwide.

Save Your Workbook

1 AutoSave Off

File Home Insert Page Layout

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2 Save As

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5 File name: MooLah Cash Flow Forecast

6 Save

Make sure to save your work when prompted. Excel spreadsheets are managed differently than Google Docs. You can easily lose your entire file and have to start over if you don't save your work periodically.

You can save the file anywhere but saving it to your desktop will make it easy to find your file when it's time to turn your work in at the end.

Use any file name you wish, MooLah Cash Flow Forecast is simply a suggestion.

Inputs Worksheet

1 All Inputs must be entered on this worksheet, and then referenced as needed elsewhere in the workbook

Points will be deducted if any input that is used in this model is manually entered on the subsequent worksheets. You must show your work, points will be deducted for calculating amounts outside of Excel and then typing in the final result.

Presentation matters as well. 90% of points will be for building out the workbook and building the formulas, while 10% will be allocated toward the look and feel of the spreadsheet, which includes spelling.

The Inputs worksheet should serve as a control panel for the entire workbook. Any input that the user will need to change should be detailed on the Inputs worksheet.

Inputs Cow Purchases Slaughter Schedule Hay and Food Capital Projects Cash Flow +

Cow Purchases

	A	B	C	D	E	F	G	H	I
1		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
2	Number of Cows Purchased								
3	Purchase Cost Per Month								
4									
5									
6	<u>Calculations</u>								
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

Row 2: Number of Cows Purchased should contains formulas that reference the Inputs worksheet.

Row 3: Purchase Cost Per Month should be a formula that multiplies the purchase price per cow by the number of cows to be purchased.

Detail any calculations needed (if any) to determine the purchase price of a cow here.

Inputs Cow Purchases Hay and Food Slaughter Schedule Capital Projects Cash Flow

Hay and Food

	A	B	C	D	E	F	G	H	I
1		January	February	March	April	May	June	July	August
2	Grain Cost								
3	Hay Cost								
4									
5									
6	Calculations								
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
	Inputs	Cow Purchases	Hay and Food	Slaughter Schedule	Capital Projects	Cash Flow			

Detail the calculations related to hay and food here.

Row 2: Grain Cost should detail the grain cost needed for the entire herd for the entire year.

Row 3: Hay Cost should detail the hay cost needed for the entire herd for the entire year.

Slaughter Schedule

	A	B	C	D	E	F	G	H	I
1		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
2	Number of Cows Slaughtered								
3	Slaughter Cost Per month								
4	Revenue per Cow Slaughtered								
5									
6	<u>Calculations</u>								
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									

Row 2: Number of cows slaughtered should be a formula that references the Inputs worksheet.

Row 3: Slaughter Cost Per Month should be a formula that multiplies the cow(s) to be slaughtered per month by the slaughter cost.

Row 4: Revenue Per Cow Slaughtered should be the expected revenue per cow multiplied by the number of cows slaughtered in a given month.

Use this section of the spreadsheet to build out formulas that calculate the total cost of slaughtering a cow.

Inputs Cow Purchases Hay and Food **Slaughter Schedule** Capital Projects Cash Flow +

Capital Projects

	A	B	C	D	E	F	G	H	I
1		January	February	March	April	May	June	July	August
2	Initial Layout								
3	Project 1								
4	Project 2								
5	Total Layout								
6									
7	Grant Reimbursement								
8	Project 1								
9	Project 2								
10	Total Reimbursement								
11									
12									
13	Calculations								
14									
15									
16									
17									
18									
19									
20									
21									
22									

Rows 3 and 4 should contain formulas that detail the two capital projects, while row 4 should sum the two rows.

Rows 8 and 9 should contain formulas that detail the reimbursements for the two capital projects, while row 10 should sum the two rows.

Detail any calculations needed (if any) related to the capital projects and/or reimbursements should be detailed here.

Inputs | Cow Purchases | Hay and Food | Slaughter Schedule | **Capital Projects** | Cash Flow | +

Cash Flow Beginning/Ending Balances

	A	B	C	D	E	F	G	H	
1		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
2	<u>Beginning Cash Balance</u>								
3									
4	<u>Operating Inflows</u>								
5									
6									
7									
8	<u>Operating Outflows</u>								
9									
10									
11									
12	<u>Capital</u>								
13									
14									
15									
16	<u>Cash Balance Before Financing</u>								
17	<u>Financing</u>								
18									
19									
20									
21	<u>Ending Cash Balance</u>								
22									

The January beginning balance is derived from the Inputs worksheet.

Tip: On a schedule like this, the ending balance for one month rolls forward to become the beginning balance for the next month.

The calculated ending cash balance should be at least \$5,000 per month. The balance can exceed \$5,000 if any required financing has been repaid in full.

Inputs Cow Purchases Hay and Food Slaughter Schedule Capital Projects **Cash Flow** +

Cash Flow Detail

	A	B	C	D	E	F	G	H	
1		<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
2	Beginning Cash Balance								
3									
4	<u>Operating Inflows</u>								
5									
6									
7									
8	<u>Operating Outflows</u>								
9									
10									
11									
12	<u>Capital</u>								
13									
14									
15									
16	Cash Balance Before Financing								
17	<u>Financing</u>								
18									
19									
20									
21	Ending Cash Balance								
22									

Operating inflows represent any positive cash flow derived from operations.

Operating inflows represent any expenses incurred from operations.

Outflows and inflows from capital projects should appear here.

For any month that the cash balance is less than \$5,000 create a formula that will calculate how much to borrow. If the cash balance before financing exceeds \$5,000, pay down any borrowings. Remember to include interest expense in these calculations as well. Assume that all borrow occurs on the first day of a month, so you'll charge a full month of interest. Tip: you'll need to use the IF function to determine the financing.

Inputs Cow Purchases Hay and Food Slaughter Schedule Capital Projects **Cash Flow**

Submit Your Work to StudentsExcel.com

1 **IMPORTANT: Close Excel.**

2 **Save**

3 www.studentsexcel.com

4 **Login**

5 **Follow the prompts after you click Submit Exercise.**

Steps 1 and 2 are crucial if you want timely and complete credit for your work. Your file will not upload cleanly at step 5 if it's still open in Excel.

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Help

MGT 4004 Managing Your Company
Stuart Napshin 12:30 PM/TR

Watch Video Download Exercise Submit Exercise

Watch Video Download Exercise Submit Exercise



Resources

Support Resources for this Assignment

A GroupMe group has been established for this class. Please use this for any questions that you think would help other students as well.

If you have questions you feel are more individualized, please email support@studentsexcel.com. Include a copy of your spreadsheet as it currently stands as that will help me help you more effectively.

Office hours are available:

Zoom meetings are established as follows:

- October 6, 9:00 am to 10:00 am
- October 6, 5:00 pm to 6:00 pm
- October 8, 9:00 am to 10:00 am
- October 8, 5:00 pm to 6:00 pm

Feel free to hop on the Zoom at any point during a window, and once your question is answered feel free to drop off. You'll be able to share your screen and get direct assistance.

