

# Homework IV

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EE 382C Requirements Engineering

12/03/2015

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(a)

Item	\$
Revenue	18000
COGS	6750
<b>Gross Margin</b>	11250
G&A Costs	6000
Depreciation	750
<b>Net Income</b>	4500
Income Tax (@ 30%)	1350
<b>Net Income After Tax</b>	<b>3150</b>

Table 1: Net Income After Tax

(b)

<b>Assests</b>		<b>Liabilities</b>	
Cash	15650	Loan	10000
Equipment	7000	<b>Total Liabilities</b>	10000
Inventory	2500		
AR	3000	<b>Equity</b>	
		Initial	15000
		Retained Earnings	3150
		<b>Total Equity</b>	18500
		<b>Total Liabilities +</b>	
<b>Total Assests</b>	28150	<b>Equity</b>	28150

Table 2: Balance Sheet

(c)

Flows	\$
Inward	
Loan	10000
Collected Sales	15000
<b>In</b>	25000
Outward	
Equipment	8000
Product (2500 @ 4.50)	9000
G&A	6000
Tax	1350
<b>Out</b>	24350
<b>Net</b>	650

Table 3: Cash Flow