Healthcare Facilities Management

Module 4: Finance

Student Workbook



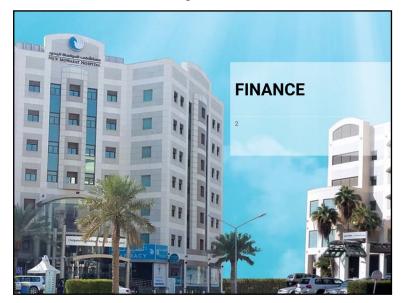




Lesson 15 ~ Finance 2

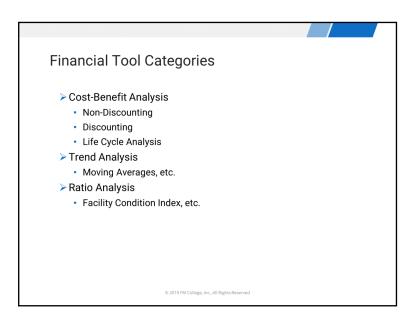


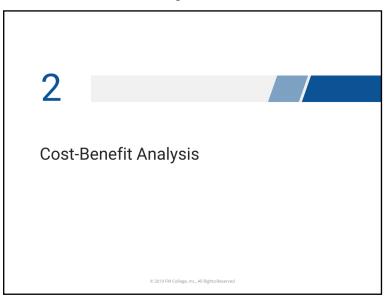
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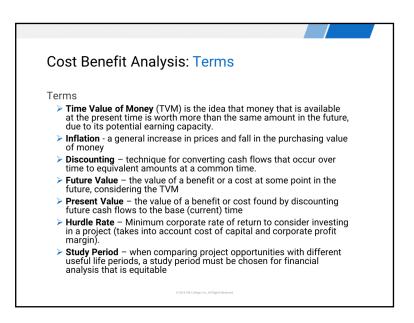


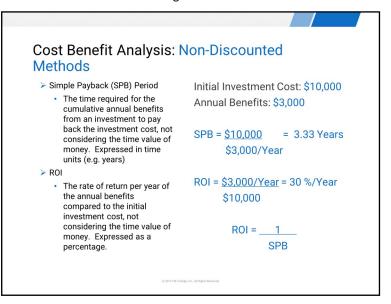


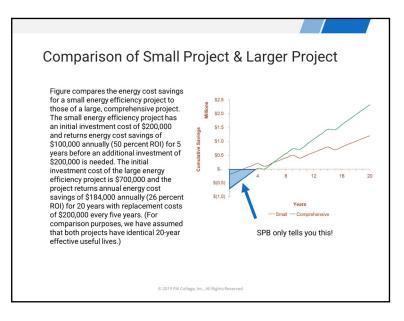




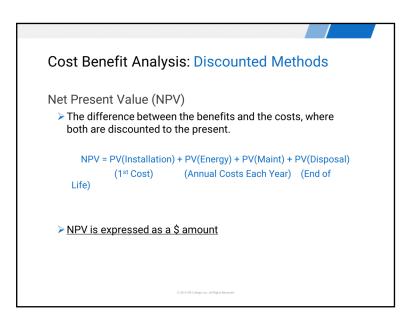




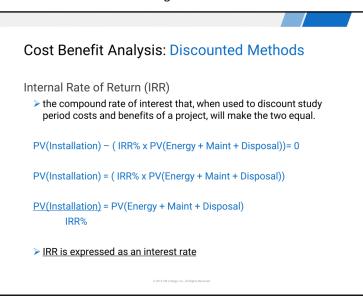


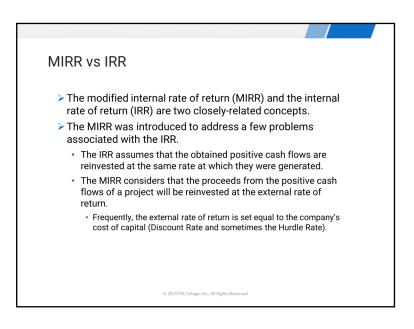


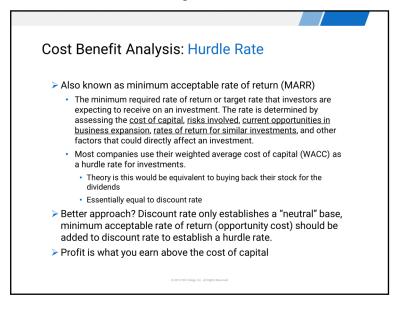
| Cost Benefit Analysis: T | ime Value of Money |
|--|--|
| Time Value of Money (TVM) is based on the concept that a dollar that you have today is | \$1000 today (Present Value) Invested at 6%/year for 1 year |
| worth more than the promise or expectation that you will receive a dollar in the future. | What is the value after the year (Future Value)? |
| Money that you hold today is worth more because you can invest it and earn interest (or | FV = \$1,000 x 1.06 = \$1,060 |
| profit). | PV = \$1,060 / 1.06 = \$1000 |
| | FV=PV x R PV= <u>FV</u> R |
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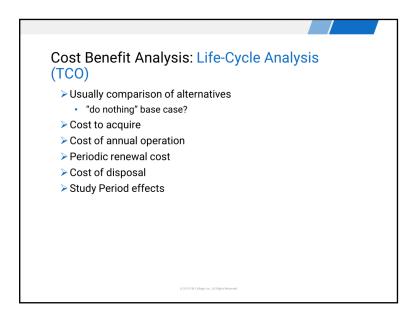


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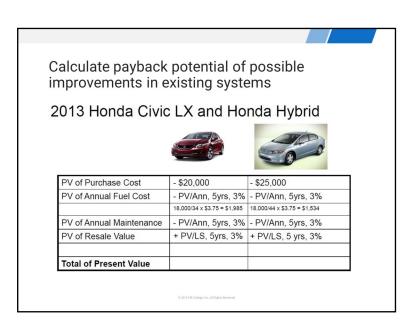




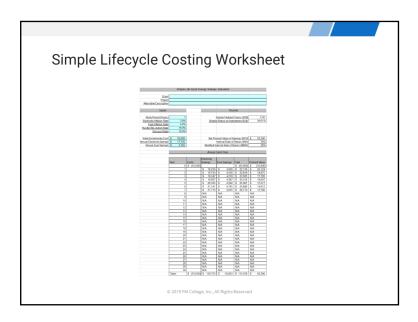


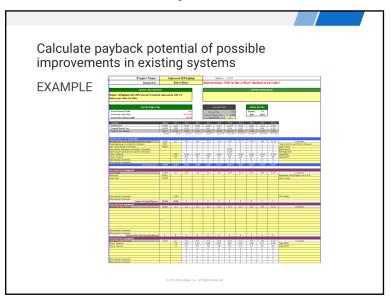


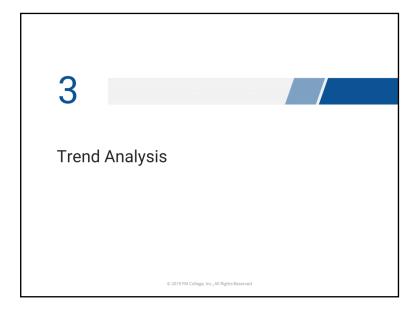
| Calculate payba improvements in | | |
|------------------------------------|------------------------------------|--------------|
| 2013 Honda Ci | vic I X and | Honda Hybrid |
| | | |
| | | |
| | 0 | |
| Sticker Price | \$20,000 | \$25,000 |
| Annual Mileage | 18,000 | 18,000 |
| MPG | 34 | 44 |
| Fuel Price | \$3.75/gal | \$3.75/gal |
| Annual Maintenance | \$400 | \$500 |
| Analysis Period (SL) | 5 yrs | 5 yrs |
| Resale Value (5 yrs) | \$10,000 | \$12,000 |
| | | |
| | | |
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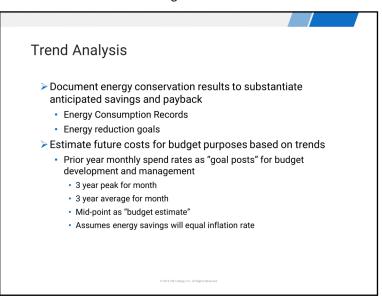
| potential o | f possible |
|--------------|--|
| xisting syst | |
| LX and Ho | onda Hybrid |
| | |
| - \$20,000 | - \$25,000 |
| - \$ 9,091 | - \$ 7,025 |
| - \$ 1,832 | - \$ 2,290 |
| + \$ 8,626 | + \$10,351 |
| - \$22,297 | - \$23,964 |
| | |
| | - \$20,000 - \$ 9,091 - \$ 1,832 + \$ 8,626 |

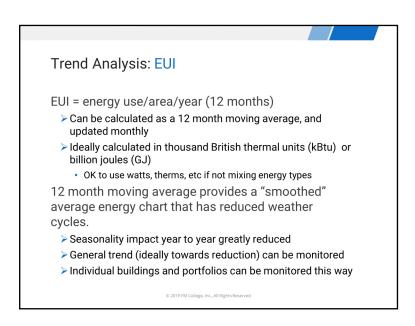


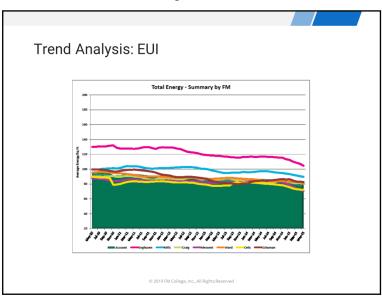


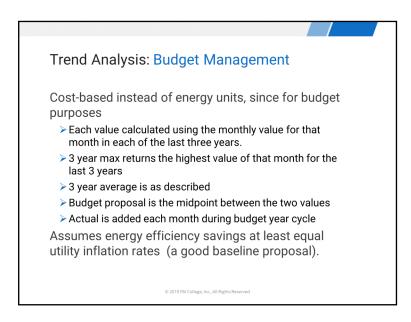


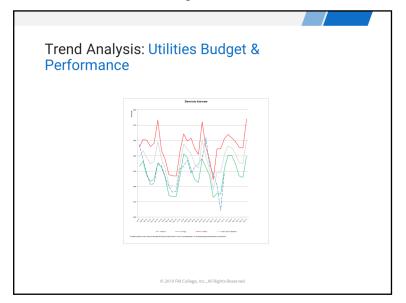
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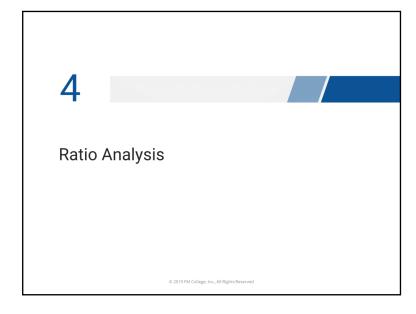




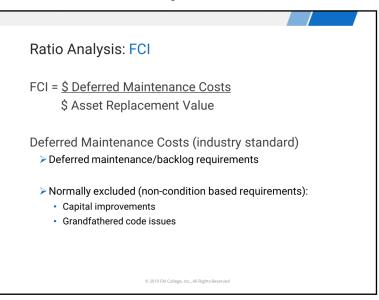








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| Ratio Analysis: FCI What is FCI? The Facility Condition Index (FCI) is an industry-standard index that measures the relative condition of a facvility by considering the costs of deferred maintenance and repairs as well as the value of the facility FCI allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. Using FCI, an organization can set targets to achieve an overall acceptable condition for facilities | | | | |
|---|--|-----------|---------|----------|
| The Facility Condition Index (FCI) is an industry-standard index that measures the relative condition of a facvility by considering the costs of deferred maintenance and repairs as well as the value of the facility FCI allows condition benchmarking between facilities of unequal size and composition, both within and among institutions. Using FCI, an organization can set targets to achieve an overall acceptable condition for | Ratio Analysis: FCI | | | |
| is an industry-standard index that measures the relative condition of a facvility by considering the costs of deferred maintenance and repairs as well as the value of the facility FCI allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. Using FCI, an organization can set targets to achieve an overall acceptable condition for | What is FCI? | Condition | FCI Low | FCI High |
| measures the relative condition of a facvility by considering the costs of deferred maintenance and repairs as well as the value of the facility FCl allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. Using FCl, an organization can set targets to achieve an overall acceptable condition for | | Excellent | 0.00 | 0.05 |
| of a facvility by considering the costs of deferred maintenance and repairs as well as the value of the facility > FCI allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. > Using FCI, an organization can set targets to achieve an overall acceptable condition for | | Good | 0.05 | 0.15 |
| and repairs as well as the value of the facility FCI allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. Using FCI, an organization can set targets to achieve an overall acceptable condition for | of a facvility by considering the | Poor | 0.15 | + |
| Tacinities. | and repairs as well as the value of the facility FCI allows condition benchmarking between facilities of unequal siaze and composition, both within and among institutions. Using FCI, an organization can set targets to achieve an overall | | | |

| | | | | ample | | |
|------------------|---------|------------|-------------------|-----------|----------|------|
| | | | | | | |
| Use | Age | Size | Replacement Value | Cost/Unit | FCI Cost | FCI |
| Medical - Clinic | 3 | 7,156 SF | 1,192 | 0.17 | 0 | 0.00 |
| Medical - Clinic | 32 | 4,836 SF | 818 | 0.17 | 300 | 0.37 |
| Medical - Clinic | 37 | 60,597 SF | 10,089 | 0.17 | 3,389 | 0.34 |
| Office | 35 | 48,365 SF | 9,671 | 0.20 | 2,193 | 0.23 |
| Medical - Clinic | 18 | 149,688 SF | 24,084 | 0.16 | 2,409 | 0.10 |
| Medical - Clinic | 22 | 62,987 SF | 9.375 | 0.15 | 786 | 0.08 |
| Medical - Clinic | 16 | 7,605 SF | 1,268 | 0.17 | 214 | 0.17 |
| Medical - Clinic | 28 | 38,362 SF | 7,964 | 0.21 | 1,075 | 0.13 |
| Medical - Clinic | 14 | 5,150 SF | 665 | 0.13 | 66 | 0.10 |
| Medical - Clinic | 14 | 7,148 SF | 756 | 0.11 | 12 | 0.02 |
| Medical - Clinic | 27 | 11,410 SF | 1,712 | 0.15 | 262 | 0.15 |
| Office | 16 | 1,030 SF | 184 | 0.18 | 0 | 0.00 |
| Medical - Clinic | 27 | 35,192 SF | 6,719 | 0.19 | 1,357 | 0.20 |
| Medical - Clinic | 27 | 10,356 SF | 2,560 | 0.25 | 222 | 0.09 |
| Medical - Clinic | 21 | 154,514 SF | 29,965 | 0.19 | 2,998 | 0.10 |
| | Total : | 604,396 | 107.022 | NA | 15,283 | 0.14 |

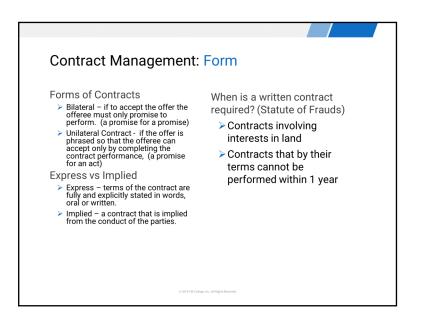


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| Overview | | |
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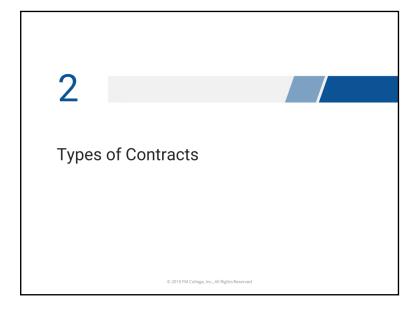
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|------|---|---|
| Code | | |
| ART. | TITLE | CONTENTS |
| 1 | General Provisions | Definitions, rules of interpretation |
| 2 | Sales | Sales of goods |
| 2A | Leases | Leases of goods |
| 3 | Negotiable Instruments | Promissory notes and drafts (commerci paper) |
| 4 | Bank Deposits and Collections | Banks and banking, check collection process |
| 4A | Funds Transfers | Transfers of money between banks |
| 5 | Letters of Credit | Transactions involving letters of credit |
| 6 | Bulk Transfers and Bulk Sales | Auctions and liquidations of assets |
| 7 | Warehouse Receipts, Bills of Lading and Other Documents of Title | Storage and bailment of goods |
| 8 | Investment Securities | Securities and financial assets |
| 9 | Secured Transactions | Transactions secured by security interes |

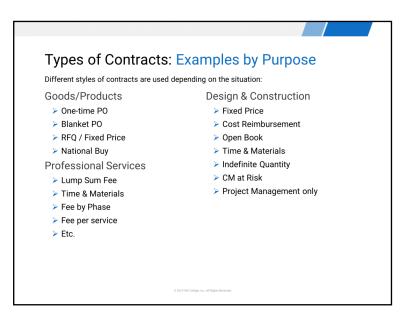


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Types of Contracts: FM Contracts

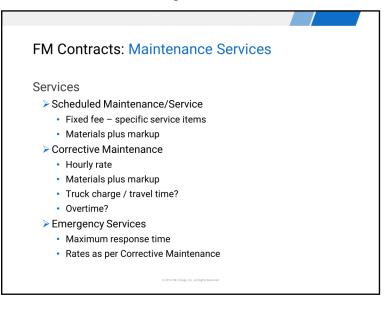
Body-shop contracting Management contract Indefinite quantity contract Job order contract Service contracts (Construction contracting discussed separately)



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