

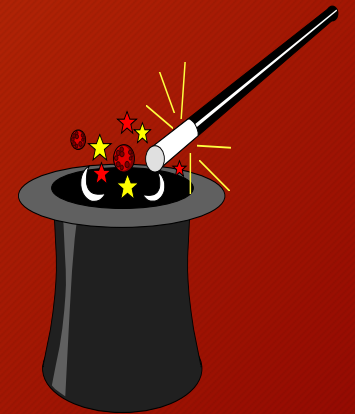


Applied Managerial Accounting (ACCT 300): Spring 2023

E. “Daniel” Shim, Ph.D.
Associate Professor of Accounting
MVS School of Business & Economics

Course Description

- To provide accurate, relevant and useful product and service cost information and to learn how to manage and control both multinational and domestic corporations. Written assignments, real-life problem-solving and team project comprise much of the classroom learning.



COURSE OBJECTIVES:

- To discuss financial accounting and reporting issues
- To provide relevant and useful managerial/cost information for planning and controlling business operations:
 - Introduction to Modern Cost Management Systems;
 - Cost Concepts and Behavior Analysis,
 - Cost-Volume-Profit Analysis
- To introduce cost accounting systems and contemporary cost management practices (e.g., ABC/ABM, Benchmarking)
 - Cost Accounting Systems (Job Order, Process and Activity-Based Costing)
- To discuss Budgeting and variance.
 - Budgeting for Planning and Control
 - Profit, Revenue & Cost Variance Analysis

COURSE OBJECTIVES:

- To develop, solve and present real-company case by working with a team.
- To enhance oral and written communication skills, presentation skills, analytic abilities and problem-solving skills.
- To enhance critical thinking skill by peer evaluations of the team cases presentations (Empowerment of grade).
- To familiarize and embellish computer applications in accounting system.
- Introduce career in Accounting and the professional exams an such as CPA and CMA.

TEXTBOOK & Supplementary Materials:

- **Dr. Shim's Modules and Relevant Articles**
 - Dr. Shim's Modules posted in the Canvas
 - Relevant articles and videos.
- **Strongly recommended (Required) textbook**
 - Horngren's Cost Accounting, Pearson, 16th Edition (2018) or later Edition,
 - Study relevant Modules and Chapters from above textbooks for this course.
 - **Purchasing your textbook is your INVESTMENT for your future NOT an expense!!!**

TEXTBOOK & Supplementary Materials:

- **Open Education Resources (OER): FREE**
- **MERLOT:** Multimedia Educational Resource for Learning and Online Teaching.
--- MERLOT is a program of the California State University, partnering with educational institutions, professional societies, and industry.
 - <https://merlot.org/merlot/materials.htm?keywords=accounting&sort.property=relevance>
- **OER Textbook: Managerial Accounting**
- **Principles of Managerial Accounting**, Patricia Goedl, CPA (inactive), PhD
- <https://ucinnatipress.pressbooks.pub/principlesaccounting/>
- <https://www.coursehero.com/study-guides/finaccounting/>
- **Problem Book:**
https://biz.libretexts.org/Bookshelves/Accounting/Book%3A_Management_Accounting

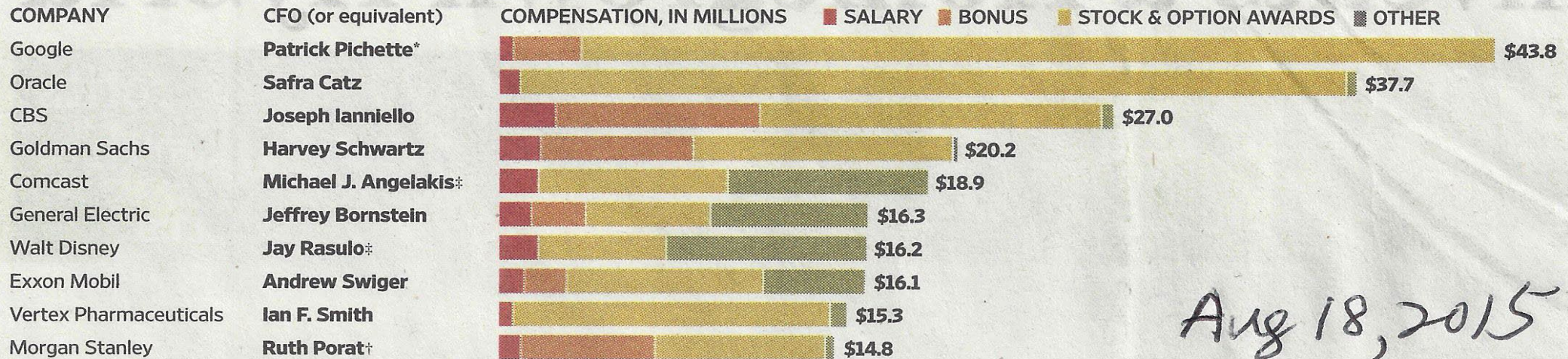
What the Bean Counters Brought Home?

B6 | Tuesday, August 18, 2015

CFO JOURNAL.

What the Bean Counters Brought Home

The top 10 highest-paid financial chiefs in the S&P 500 for the most recent fiscal year as of May 29.



*Retired †Now CFO at Google ‡No longer CFO Source: S&P Capital IQ

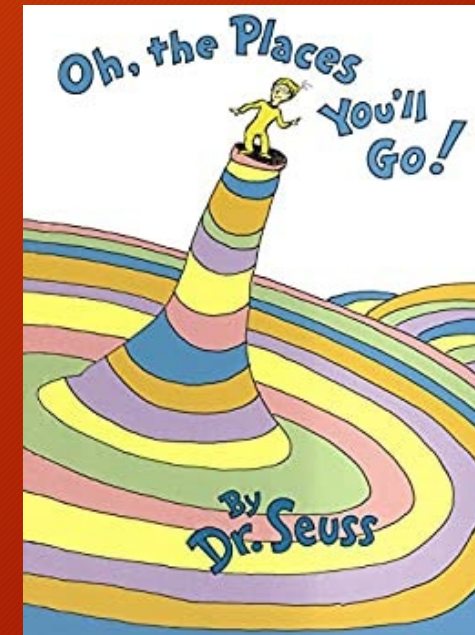
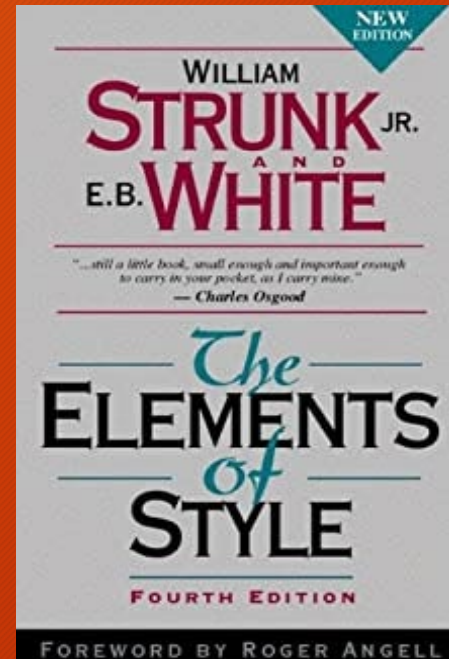
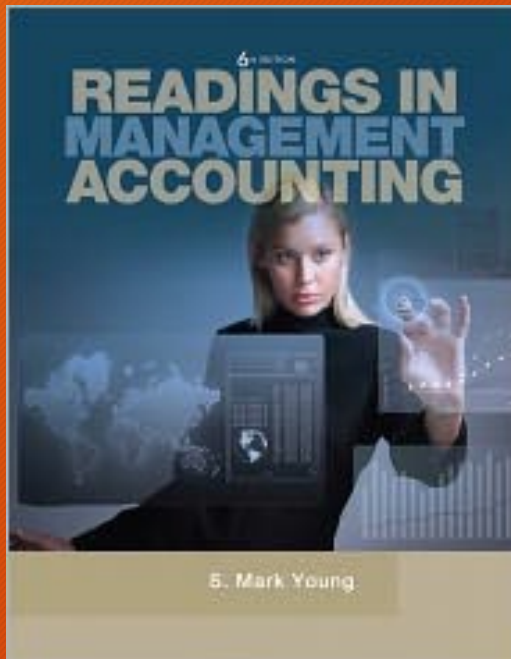
Aug 18, 2015

THE WALL STREET JOURNAL.

STRONGLY SUGGESTED READINGS



- For Management Accounting & Control: (Library holdings)
 - Young, Mark, Readings In Management Accounting, Latest Edition, Prentice Hall
- For English Writing:
 - Strunk Jr., W. and White, E.B., The Elements of Style, latest edition, Allyn and Beacon,
- For Life Lessons:
 - Dr. Seuss, Oh, the Places You'll Go!, Random House, New York



PERFORMANCE EVALUATION

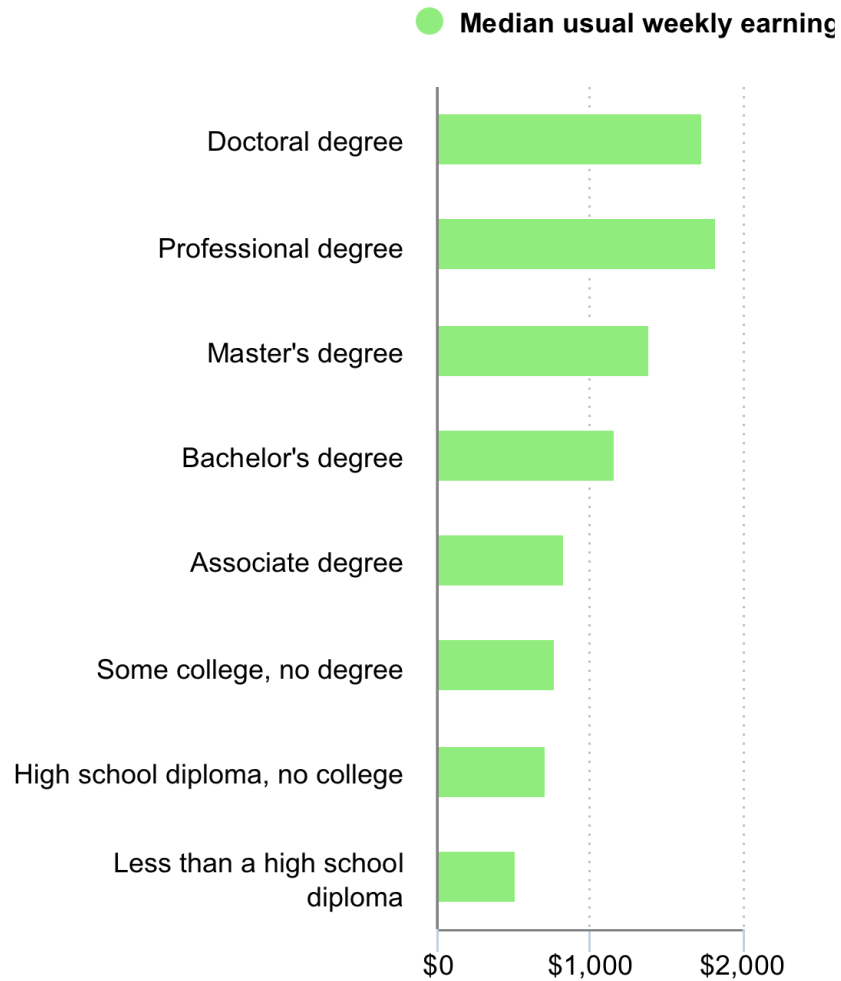
• Mid-term	25%
• Final Exam	30%
• Real Life Company Project Presentation & Business Report (PowerPoint)	30%
• Participations, Homework, Discussions, Attendance, etc.	15%
• -----	
• TOTAL	100%

Office Hours: (In person or Zoom) Sage Hall #2029

- **Office Hours: In person or ZOOM meeting**
 - **In-person or Zoom, Tuesdays; 1:30-2:30 pm, Wednesday (Zoom) 10-Noon, Thursdays; 9:20-10:20**
 - **Other Dates & Times; By appointment (In person or Zoom)**
- **Office hours are held for your benefits!!!**
- **How to Join Zoom Virtual Office Hours:**
 - **Please email me your preferable time to meet with me. I will email you a Zoom link.**

percent.

Median weekly earnings and unemployment rate by educational attainment, 2017



Click legend items to change data display. Hover over chart to view data.
 Note: Data are for persons age 25 and over. Earnings are for full-time wage and salary w
 Source: U.S. Bureau of Labor Statistics.

[close](#) or Esc Key

Median weekly earnings (in dollars) and unemployment rate (in percent) by educational attainment, 2017

Educational attainment	Median usual weekly earnings	Unemployment rate
Doctoral degree	\$1,743	1.5%
Professional degree	1,836	1.5
Master's degree	1,401	2.2
Bachelor's degree	1,173	2.5
Associate degree	836	3.4
Some college, no degree	774	4.0
High school diploma, no college	712	4.6
Less than a high school diploma	520	6.5
Total	907	3.6

ages 25 and older at a broad level. Individual experiences differ, however, depending on factors such as your field of

Accountants Salary (2022-23)

Junior accountant

Low level

2023: \$55,825 – \$61,701

2022: \$61,240 – \$73,437

Mid level

2023: \$61,477 – \$67,948

2022: \$73,437 – \$81,224

High level

2023: \$66,606 – \$73,617

2022: \$81,224 – \$90,555

Staff accountant

Low level

2023: \$64,885 – \$71,715

2022: \$61,240 – \$73,437

Mid level

2023: \$71,725 – \$79,275

2022: \$73,437 – \$81,224

High level

2023: \$77,952 – \$86,157

2022: \$81,224 – \$97,531

Senior accountant

Low level

2023: \$82,759 – \$91,470

2022: \$66,846 – \$79,199

Mid level

2023: \$99,398 – \$109,860

2022: \$79,199 – \$90,161

High level

2023: \$119,274 – \$131,829

2022: \$90,161 – \$103,199

Accounting manager

Low level

2023: \$108,388 – \$119,797

2022: \$72,480 – \$92,512

Mid level

2023: \$121,859 – \$134,686

2022: \$92,512 – \$120,032

High level

2023: \$134,124 – \$148,243

2022: \$120,032 – \$160,096

Tax Accountants Salary (2022-23)

8:17 ↙

Tax accountant

Low level



2023: \$66,871 – \$73,910

2022: \$63,448 – \$77,006

Mid level

2023: \$80,896 – \$89,412

2022: \$77,006 – \$87,118

High level

2023: \$94,560 – \$104,514

2022: \$87,118 – \$100,000

Tax manager

Low level

2023: 123,884 – \$136,924

2022: \$94,306 – \$115,842

Mid level

2023: \$144,120 – \$159,290

2022: \$115,842 – \$132,708

High level

2023: \$170,616 – \$188,575

2022: \$132,708 – \$152,341

Tax director

Low level

2023: \$150,738 – \$166,604

2022: \$139,694 – \$184,422

Mid level

2023: \$190,641 – \$210,709

2022: \$147,698 – \$194,989

High level

2023: \$238,464 – \$263,566

2022: \$155,729 – \$205,593

“I don’t want to be a broken record about this-it’s COST, COST, COST”...

Getting those costs down... is what allows us to lower the price and be financially sustainable”

(Mr. Elon Musk)



Elon Musk Dance Move...?

Musk Pulls Off Dance Moves at Tesla's Shanghai Plant

<https://www.youtube.com/watch?v=n2QnBJk6ySA>



WORLD'S RICHEST MEN			
	Elon Musk (right)	 TESLA	£210bn
	Jeff Bezos (left)	 amazon	£140bn
	Bernard Arnault	 LVMH	£118bn
	Bill Gates	 Microsoft	£97bn
	Larry Page	 Google	£89bn
	Mark Zuckerberg	 facebook	£89bn

Real-life Company Project:

Presentation (15%) & Business Report (PowerPoint Slides or PPT Video, 15%)

- Presentation (15%): Evaluated by your Peers.
- Business Report: PowerPoint Slides or PowerPoint Video (15%): Evaluated by the instructor.
- Step 1) Select a corporate managerial/cost accounting topic or method learned in the course.
- Step 2) Find a real-life company and explain how they use your team's selected topic/method.
- The team project should be completed by a group of no more than 3 students.
- Presentation can be done in-person or a recorded video
 - Expect about 15~20-minute presentation
 - All members should be participated in the presentation.
 - Attire: Business Casual or Business Formal is recommended.

Real-life Company Project Topics

-Possible Topics include but not limited

- Financial Statement Analysis
 - Trend analysis, Ratio analysis
- CVP/Breakeven Analysis
- Product Costing Method; Job order Costing, Process costing, Activity Based Costing, Operation Costing
- Corporate Budgeting Practices
 - Master budget, Flexible budget
- Cost and Pricing Determination: Methods & Issues
- Capital Budgeting Methods & Issues
- Corporate Performance Evaluation Systems
 - ROA, ROE, Balance Scorecard, KPIs
- Cost Allocation Methods:
 - Service Department Cost Allocation
 - Joint Cost Allocation
- Multinational Transfer Pricing Method and Issues

Real-life Company Project Suggested Guidelines : Presentation and Business Report (PowerPoint Slides)

- **Executive Summary: Purpose, Financial Analysis employed, Results, Findings & Recommendations (1~2 slides)**
- **Introduction, Purposes/Objectives of the paper. (1~2 page)**
- **Introduce and understand your Real-life company. (3~5 pages)**
 - **Background information, Brief company history, Major product/customer, Major competitors**
 - **Major financial information and ratios (Sales, Earnings, ROA, ROE, etc.)**
 - **Discussions on highlight of Comparative Financial Statements (Income Statement, Balance Sheet, Statement of Cashflow, Statement of Retained Earning and Stockholder's Equity)**
- **Explain of your selected topic or method (2~3 pages)**
- **How your company use your selected topic or method including assumptions (3~5 pages)**
- **Suggestions, Recommendations and Conclusions. (2~3 pages)**
- **References, Tables, Figures or Appendices (As many pages as necessary)**
- **Appendix: Attach Recent Comparative Financial Statements (Income Statement, Balance Sheet, Statement of Cashflow, Statement of Retained Earning and Stockholder's Equity)**

Please use the following format for the citation of references.

- Article citation: 1. In the body of paper:
 - ... “A canonical correlation analysis was conducted to examine the relationship between CEO compensation and corporate performance.” (Shim, 2003) ...
- 2. At the end of paper in the reference section:
 - Shim, Eunsup, 2003, “A Canonical Correlation Analysis of CEO Compensation and Corporate Performance in the Service Industry,” *Review of Accounting and Finance*, Vol. 2, pp. 72-90
- Web Citation BOOK: Academic Senate Committee on Libraries, Columbia University, “Crisis in Scholarly Communication: Motion re Stanford’s Reaction to the Serials Crisis.” Version referred to is dated February 19, 2004, library.cpmc.columbia.edu/hsl/scholcom/clibresolution.html.
- ARTICLE: Donald W. King and Carol Tenopir, “Economic Cost Models of Scientific Scholarly Journals,” paper presented at the ICSU Press Workshop, Kebl College, Oxford, UK, April 1998, www.bodley.ox.ac.uk/icsu/kingppr.htm.

Best Presentation Award



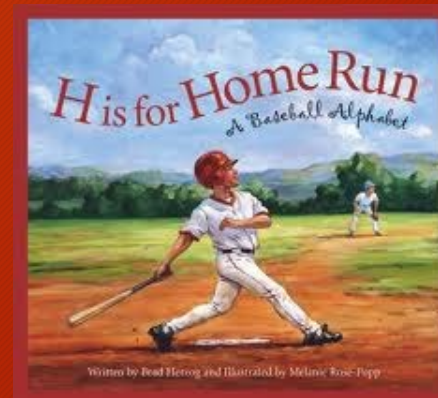
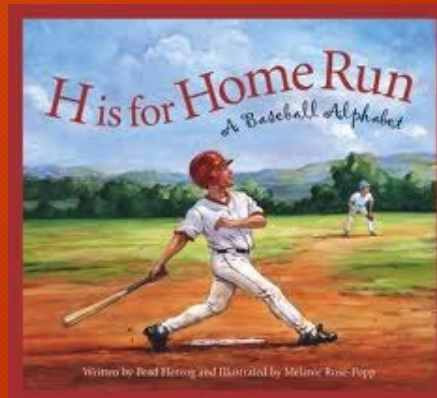
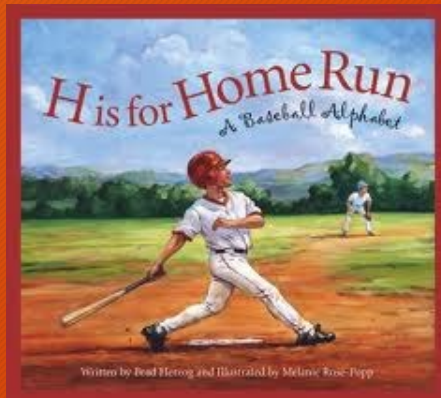
- A team that ‘earned’ the most points from peer evaluations will receive (secrete?) prizes.
- This team will also receive maximum available points (15 points) for their presentation.

How to Survive and Succeed Dr. Shim's Class!

Show Up On time!

Listen & Participate!!

Practice, Practice, Practice!!!



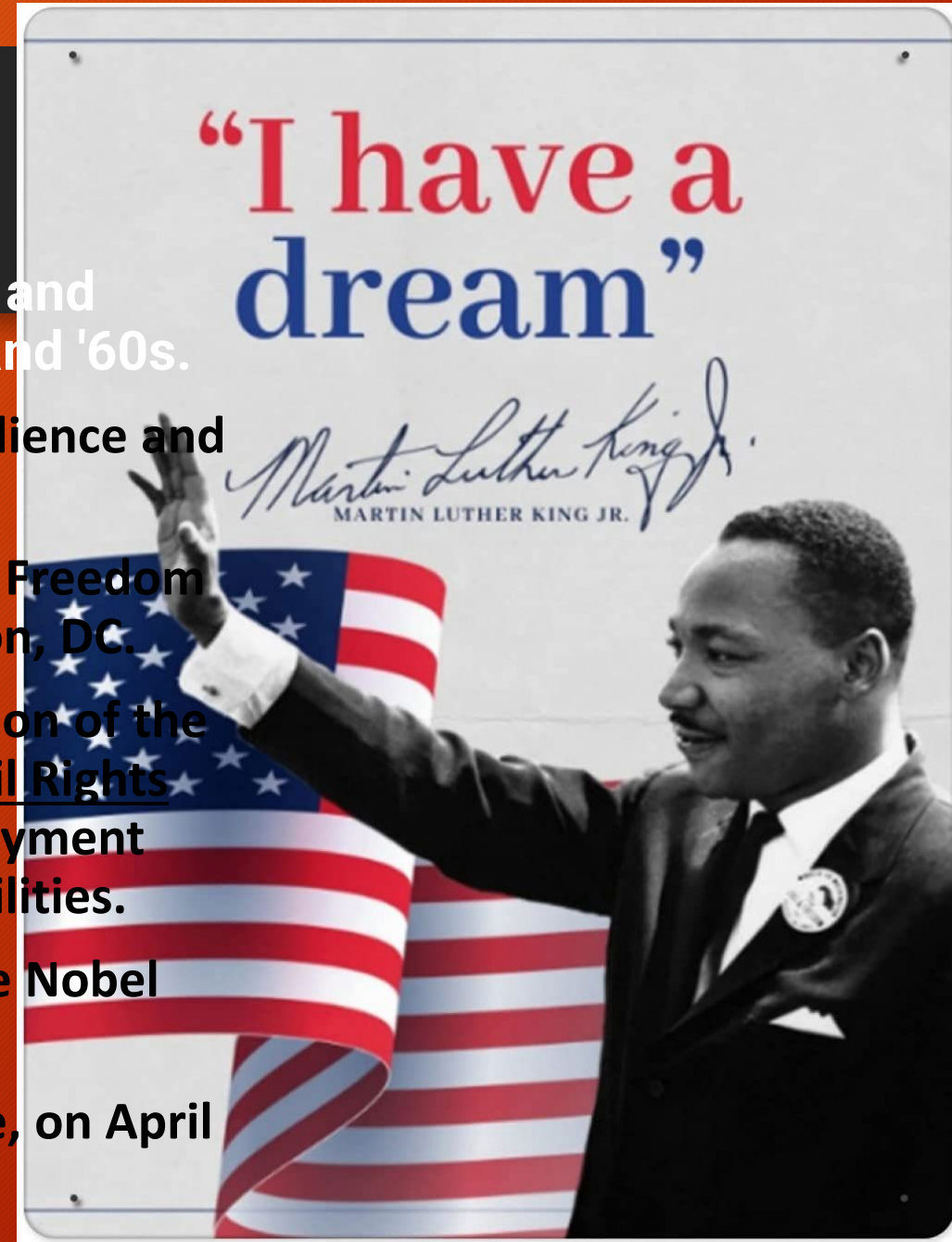
Shim' Favorite Quote!

**Without a Big Dream,
No Need to Do Hard-work;
Without Hard-work,
No Need to Dream.**

(Vision + Perseverance)

Every year, the third Monday of January celebrate Martin Luther King Day: WHO's MLK?

- Born in Atlanta, Georgia, 1929 and was a Baptist minister and social rights activist in the United States in the 1950s and '60s.
- Influenced by Mohandas Gandhi, he advocated civil disobedience and nonviolent resistance to segregation in the South.
- In 1963, led the massive March on Washington for Jobs and Freedom and gave the famous "I Have a Dream" speech in Washington, DC.
- In 1964, achieved two of its greatest successes: the ratification of the 24th Amendment, which abolished the poll tax, and the Civil Rights Act of 1964, which prohibited racial discrimination in employment and education and outlawed racial segregation in public facilities.
- Later that year, King became the youngest person to win the Nobel Peace Prize
- At 39 years old, he was assassinated in Memphis, Tennessee, on April 4, 1968.

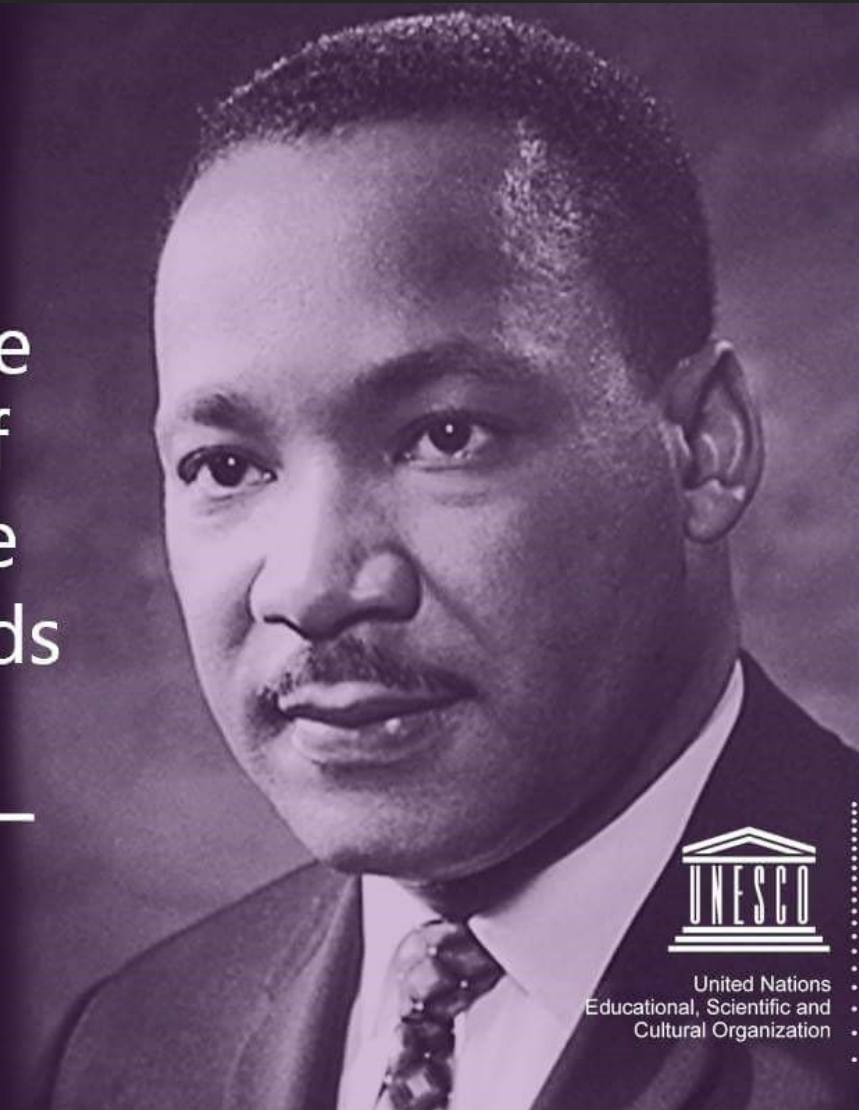


Martin Luther King Day Celebration!

The Third Monday of January

“ We shall overcome
because the arc of
the moral universe
is long, but it bends
toward justice ”

Martin Luther King, Jr.
15/1/1929 - 4/4/1968



United Nations
Educational, Scientific and
Cultural Organization

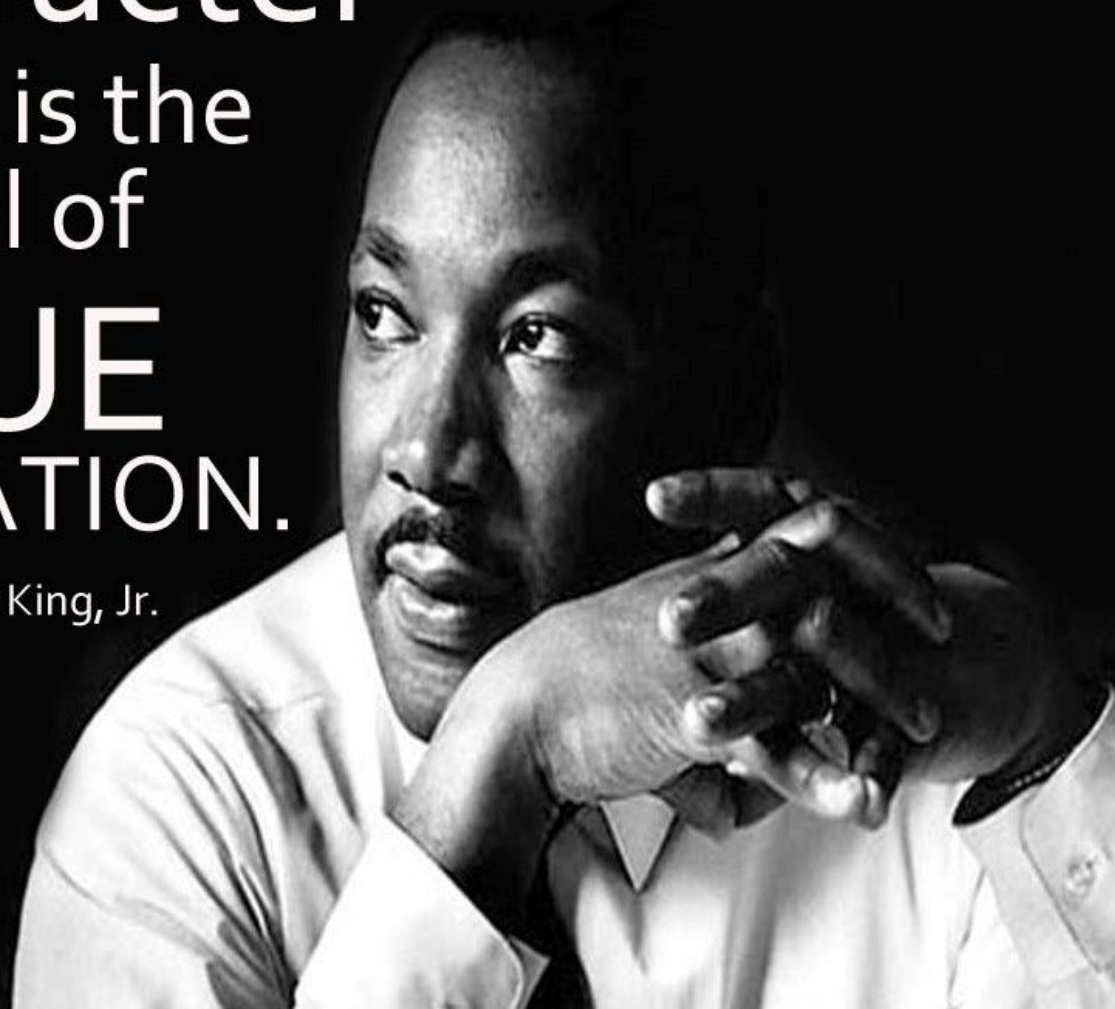
MLK on Education!

Intelligence plus
Character

—that is the
goal of

**TRUE
EDUCATION.**

—Martin Luther King, Jr.

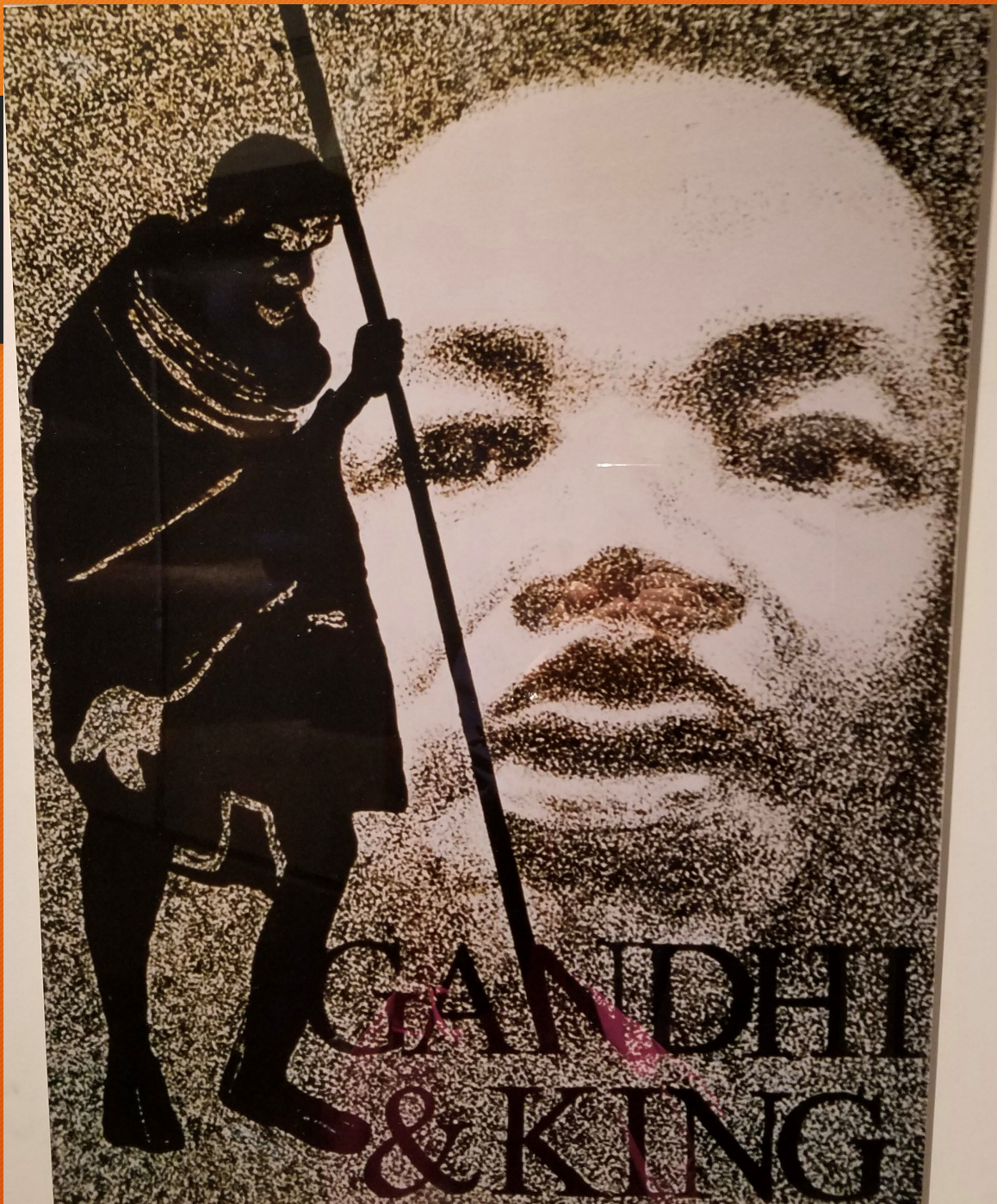


I have a Dream- Martin Luther King, Aug. 23, 1963



for freedom in the history of our nation.

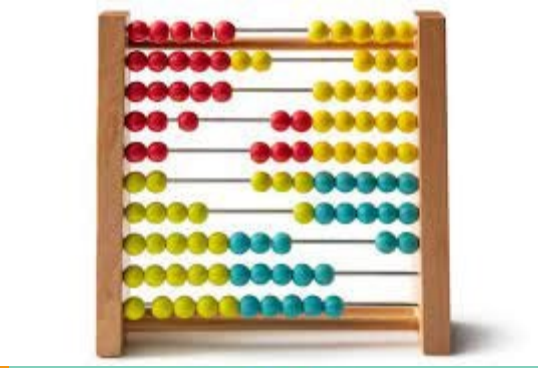
Gandhi & MLK &...



*It is no longer a choice, my friends, between
violence and nonviolence.
It is either nonviolence or nonexistence.*



ACCOUNTING
FINANCE
BUSINESS
INFORMATION
MANAGEMENT
TEAM
AGENCIES
ADDED
RELATIONSHIPS
SKILLS
REPO
STATEMENTS
CONC
STATEMENTS
LITTLE
FINA



What is ACCOUNTING???



ACCOUNTING
FINANCIAL
INFORMATION
MANAGEMENT
ACCOUNTS
BUSINESS
ENTITIES
INVESTORS
PEOPLE
DEVELOPMENT
RESOURCES
REPORTING
ACCOUNTANCY
CREATED
CENTRALITY
MANAGERS
PROVIDE
EXTRINSIC
DISCLOSURE
ADVERTISING



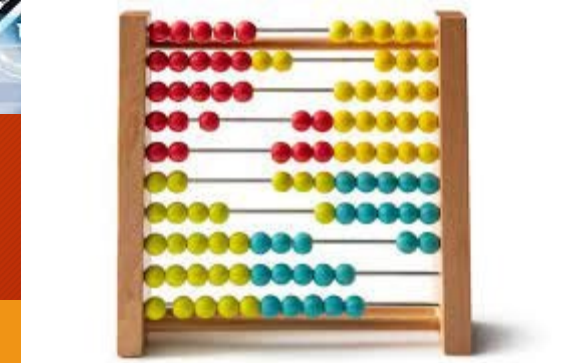
ACCOUNTING
Taxes
Personal
Financial
statements
Small Business
Bookkeeping
Payroll

Fun-Fact about Accounting??? Let's Kahoot.it!

- For students:
- Go to www.kahoot.it
- When I show you a PIN number,
- Please enter game pin number
- Please add your first name and last name initial.
- You're now ready to play!!!
- <https://create.kahoot.it/details/5a80be79-19f4-4b62-91a1-ade269ee3585>
- [Library - Kahoot!](#)
- <https://play.kahoot.it/v2/?quizId=53fd7d1c-537a-40bc-8050-9b5ce5927e02>



ACCOUNTING
FINANCE
BUSINESS
INFORMATION
TEAM
AGENCIES
ADDED
MANAGEMENT
STATEMENTS
CONTRASTS
LITTLE
FINA



What is ACCOUNTING???



ACCOUNTING
FINANCIAL
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ACCOUNTING
Taxes
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Payroll



“You have to understand accounting and you have to understand the nuances of accounting. It’s the language of business and it’s an imperfect language, but unless you are willing to put in the effort to learn accounting – how to read and interpret financial statements – you really shouldn’t select stocks yourself” – Warren Buffett



Language of Business!!!



Accounting is a “language all of its own,” Buffett said, “Getting comfortable in a foreign language takes a little experience, a little study, early on but it pays off big later on.”

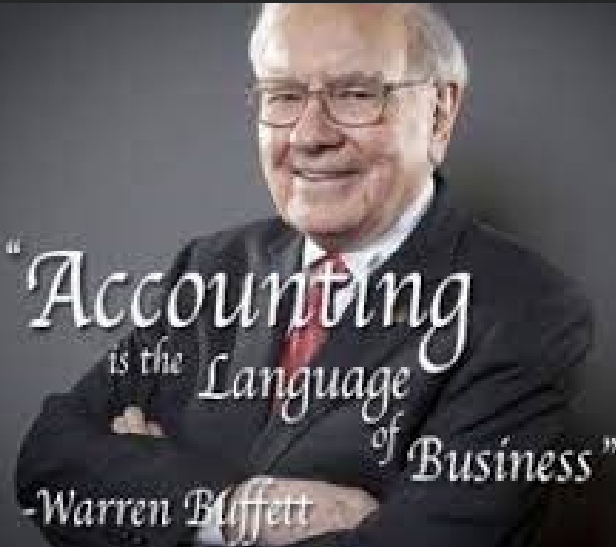
- Warren Buffett



Briefly Finance
Source: CNBC

“Accounting is the Language of Business”


-Warren Buffett



Quoting Warren Buffett...

“Accounting is the language of business. If you cant speak the language its difficult to win the game”

World famous investor
One of the World’s wealthiest people
Over \$50 Billion net worth



LibAbun
Liberators of Abundance
Business Coaching & Training
Helping you Grow, Automate & Thrive

Infusionsoft
Certified Partner

COURSE SCHEDULE

Session 1: January 24, 26, 31

--- Thoroughly read Course Syllabus

--- Read & be prepare to discuss: PowerModule 1: Intro to Accounting and Corporate Governance

Session 2: February 2, 4

--- Read & be prepare to discuss PowerModule 2: Financial Accounting and Reporting

Session 3: February 7, 9, 14

--- Read & be prepare to discuss PowerModule 3: Managerial Accounting and Control and Cost Classification and Analysis

COURSE SHCHEDULE

Session 4: February 16, 21

--- Read & be prepare to discuss PowerModule 4: Understanding Profit and Loss Statement and Analysis

Session 5: February 23, 28, 2

--- Read & be prepare to discuss PowerModule 5: Breakeven Analysis and CVP Analysis

March 7: **Mid-term Exam (Module 1-5)**

Session 6: March 9, 14

--- Read & be prepare to discuss PowerModule 6: Product/Service Costing: Job order costing and Process costing

COURSE SCHEDULE

Spring Break: March 20-24 (NO Class)

Session 7: March 16, 28

--- Read & be prepare to discuss PowerModule 7: Product/Service Costing: Activity based costing (ABC)

Session 8: March 30 April 4, 6

--- Read & be prepare to discuss PowerModule 8: Profit Planning and Budgeting

Session 9: April 11, 13

--- Read & be prepare to discuss PowerModule 9: Standard Costing & Variance Analysis

April 20, 25, 27: **Real-life Company Project Presentation**

COURSE SCHEDULE

Session 10: May 2, 4, 9

--- Continue PowerModule 9

--- Read & be prepared to discuss PowerModule 10:
Manufacturing Overhead Variance

May 1: Practice & Preview for the Final

Final Week: May 13-19

--- Final Exam

SPECIAL NOTICE:

- You are expected to complete the assigned readings and homework every week and to complete on-time.
- **No makeup exam will be given** unless the instructor approves PRIOR to the appropriate exam date. Failure to properly notify the instructor of your absence will result in a failing grade for that exam.
- **This syllabus and course outline is subject to change by the instructor throughout the semester. Changes may be necessary because of student's specific interest(s), the general class progression and emerging topics of interest.**

Pecking Order?



Accounting and Professional Examinations

- CPA
- CMA
- CFA
- CIA
- CFE

MAcc

Master of Accounting

CMA vs. CPA vs. CFA

**Which Accounting
Credential is Right for You?**

CPA License Requirement!

- **(1) Meet Education Requirement (CT)**
 - 150 total semester hours from accredited school
 - 36 semester hours in accounting
 - 30 semester hours in economics and business administration
 - 60 semester hours in general education
- **(2) Pass Uniform CPA Exam**
- **(3) Complete Work Experience**
 - 2 years of public or non-public accounting experience supervised and verified by an active CPA licensee
- **(4) Pass AICPA Ethics Exam**

CPA Exam: 4 Parts

Section	Section time	Multiple-choice questions (MCQs)	Task-based simulations (TBSs)	Written communication
AUD	4 hours	72	8	—
BEC	4 hours	62	4	3
FAR	4 hours	66	8	—
REG	4 hours	76	8	—

Score weighting			
Section	Multiple-choice questions (MCQs)	Task-based simulations (TBSs)	Written communication
AUD	50%	50%	—
BEC	50%	35%	15%
FAR	50%	50%	—
REG	50%	50%	—

CPA Exam Passing Rates & AGES? TAKE the Exam Early!!! (2021, AICPA)

Section	Q1	Q2	Q3	Cumulative
AUD	48.56%	50.49%	47.21%	48.93%
BEC	62.16%	63.31%	61.73%	62.49%
FAR	46.64%	42.63%	47.83%	45.92%
REG	59.29%	58.81%	63.12%	60.65%

2020 CPA Exam Pass Rates					
Section	Q1	Q2	Q3	Q4	Cumulative
AUD	47.97%	65.29%	56.89%	47.50%	52.84%
BEC	61.76%	76.92%	69.89%	60.77%	65.56%
FAR	46.37%	62.86%	55.67%	43.53%	49.98%
REG	55.42%	74.97%	66.12%	58.00%	62.29%

CMA Certification Requirement!

- Join the IMA.
- Enroll in the CMA program.
- Pass the 2-Part CMA exam.
- Have a four-year degree from an accredited college or university.
- Have at least two years of management accounting or financial management experience.

CMA Exam Contents

• Part 1: Financial Planning, Performance, and Analytics

- 15% External Financial Reporting Decisions
- 20% Planning, Budgeting, & Forecasting
- 20% Performance Management
- 15% Cost Management
- 15% Internal Controls
- 15% Technology & Analytics

• Part 2: Strategic Financial Management

- 20% Financial Statement Analysis
- 20% Corporate Finance
- 25% Decision Analysis
- 10% Risk Management
- 10% Investment Decisions
- 15% Professional Ethics

CMA Exam Scholarship

- 10 students per school per academic year can be nominated for a scholarship.
 - Entrance fee to the CMA program
 - Exam support package with retired exam questions and a glossary of terms
 - Registration fees covering both parts of the exam (additional fees will apply for retakes)
 - Wiley CMAexcel Online Test Bank access for both exam parts for up to two years (all regions, except China and India)
 - Up to three years of IMA membership while pursuing the certification

10 Rules for Success!



I WAS DEPRESSED.
I WAS ABUSED.
I WAS BULLIED.
IT WAS OVER.



Now Elon Musk Story! 10 Rules for Success

- <https://www.youtube.com/watch?v=N0bj4UZ3zWg>

You can lead a horse to water, but
you can't QUENCH her/his THIRST!!!



Let's Get-to-Know, YOU! Introduce Yourself!!!

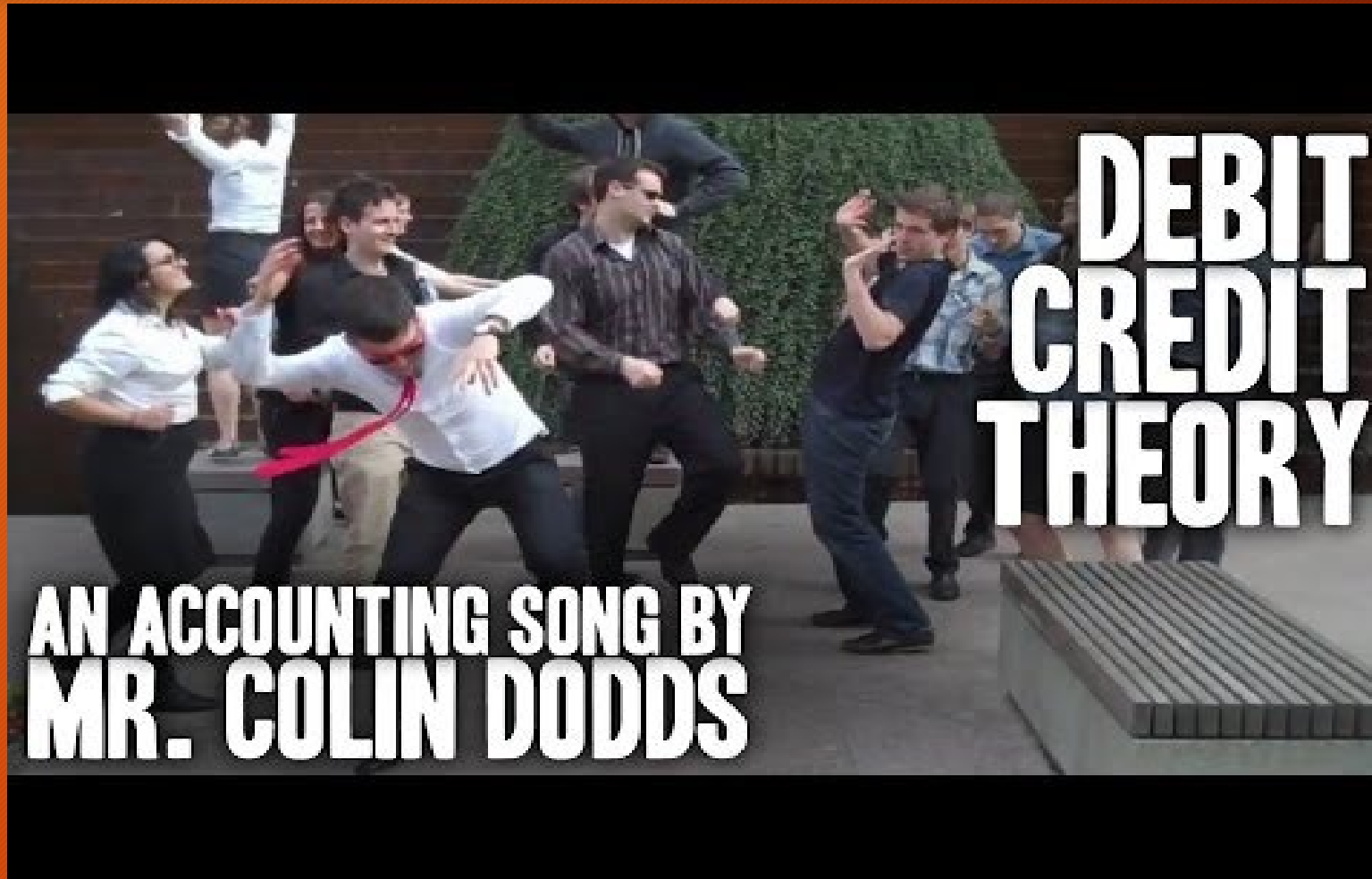


- Name: (Last, First and Nick Names)
- Number of courses taken @CSUCI and No. of accounting courses taken?
- Work Experience/History? Years?
- Information on Current Employer (Company Name, Address, Email address, Nature of Business?)
 - Current Position?
 - Major Responsibility?
- One fun-fact about you (Sport, Hobby, Award, Contributions, 'Secret (?)', etc.)
- Expectations from ACCT 300 course?
- One Plan for 2022?

Debit Credit Theory

Colin Dodds - (Accounting Rap Song):

<https://www.youtube.com/watch?v=j71Kmxv7smk>



What's Shim Done during COVID? Glacier National Park (June 2021)





- What's Shim Done during COVID?

- Olympic National Park (June 2021)



- Train Back to Connecticut (Fairfield) from Seattle, WA via
- Amtrak Empire Builder,
- Lake Shore Limited