

search  
documents collect  
themes  
comparison  
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text  
keywords

# Facilitating the Creation of Optimal Transfer Pathways:

Using NVivo for Qualitative Analysis of Learning Outcomes in Curriculum Documents

October 2016



*This research was supported by the Ontario Council on Articulation and Transfer*

# Determining credit transfer between credential levels is complex...



## Credential Descriptions: Top 60 most frequently used words



## Credential Descriptions: Top 60 most frequently used words



## Diploma 2-year



## Baccalaureate/Bachelors Degree: Honours

## Example Shared words

## Credential Descriptions: Top 60 most frequently used words



## Diploma 2-year



## Baccalaureate/Bachelors Degree: Honours

## Example Shared words

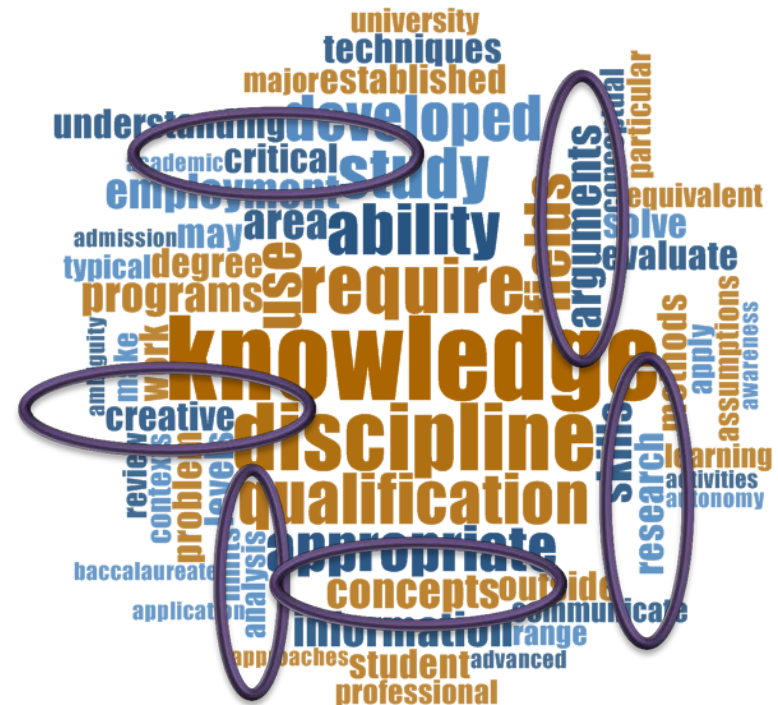


# Ontario Qualifications Framework

## Credential Descriptions: Top 60 most frequently used words



Diploma 2-year



Baccalaureate/Bachelors  
Degree: Honours

Words Not Shared

## Credential Descriptions: Top 60 most frequently used words



## Diploma 2-year



## Baccalaureate/Bachelors Degree: Honours

## Words Not Shared

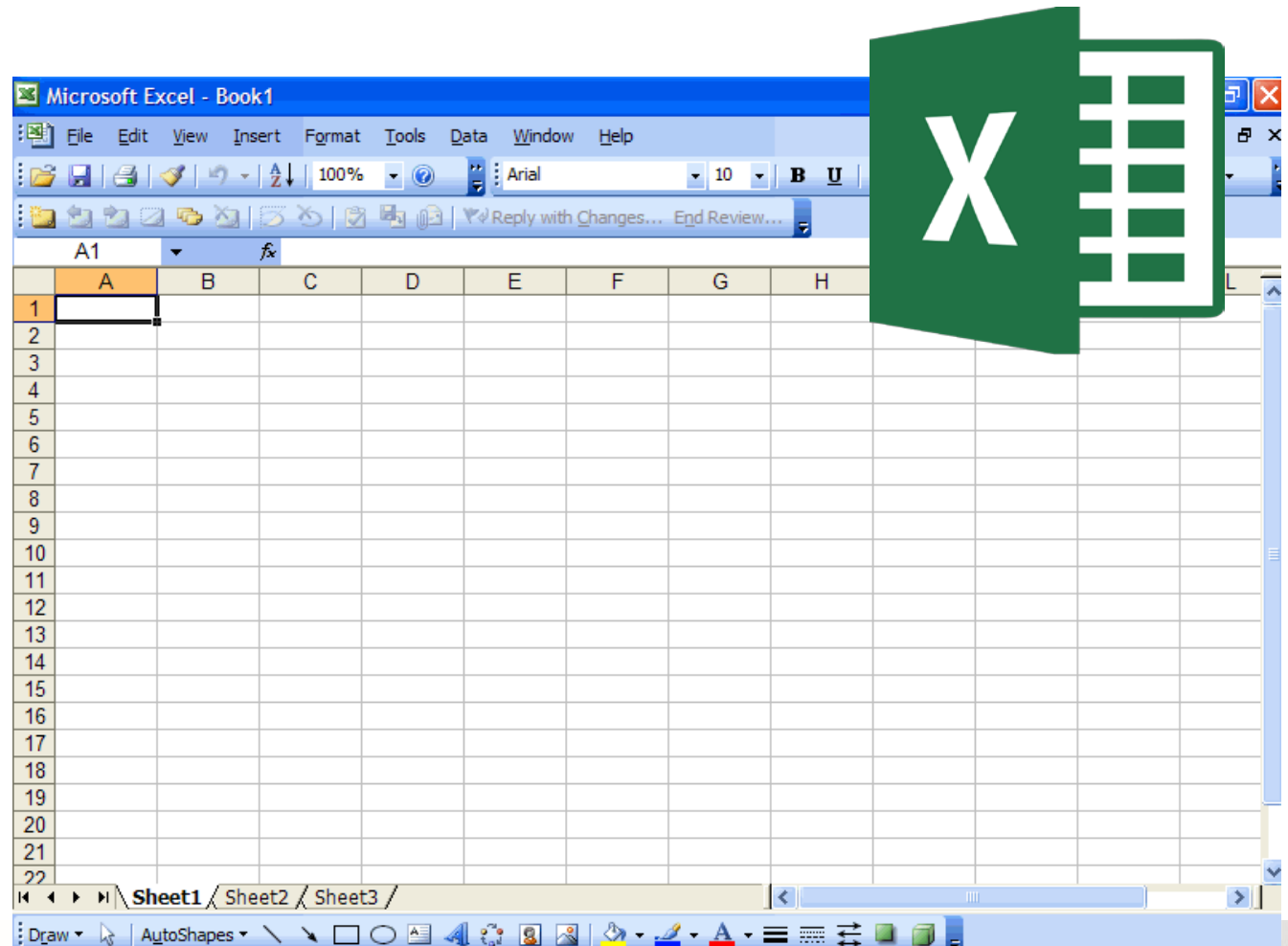


# Workshop Learning Outcomes

Upon completion of this workshop participants will demonstrate the ability to:

- Apply a manual protocol for determining credit transfer between diploma and degree courses.
- Discuss an NVivo protocol for determining credit transfer between diploma and degree courses
- Compare and appraise a manual and NVivo protocol for determining credit transfer between diploma and degree course

# Our “manual” mapping method



## Degree Course

## Degree Course Learning Outcomes

## Diploma Courses

## Diploma Course Learning Outcomes

ACTG1000 Introduction to Accounting	Recognize, analyze and record business transactions using Canadian GAAP	ACCT	Financial Accounting 1000 Principles 1	<u>Apply</u> generally accepted <u>accounting principles</u> when <u>recording business transactions</u> ; maintain a general ledger and prepare an unadjusted trial balance
	Prepare financial statements for service and merchandising enterprises	ACCT	Financial Accounting 1000 Principles 1	Prepare the necessary period end adjusting entries, adjusted trial balance, and financial statements for unincorporated operations; and complete the 2 accounting cycle
	Apply accounting principles in asset and liability valuation, and recognize the impact on financial statements	ACCT	Financial Accounting 1000 Principles 1	Identify all components of an income statement for a merchandising operation and prepare journal entries under the periodic and perpetual inventory 3 systems
	Complete a manual and a computerized accounting simulation	ACCT	Financial Accounting 1000 Principles 1	Discuss the basic concepts and design of a manual accounting information 4 system, special journals, and subsidiary ledgers
		ACCT	Financial Accounting 1000 Principles 1	5 Reconcile a bank statement with cash, set up and maintain a petty cash fund
		ACCT	Financial Accounting 1001 Principles 2	Estimate and record appropriate adjusting entries for receivables, inventory, 1 capital assets, payroll and liabilities
		ACCT	Financial Accounting 1001 Principles 2	2 Calculate and record payroll deductions and employer expenses
		ACCT	Financial Accounting 1001 Principles 2	Record transactions related to capital assets, partnership equity and corporate 3 equity
		FNCE	2000 Business Finance	Successfully manage the financial resources of any business using the skills 1 acquired
		FNCE	2000 Business Finance	<u>Analyze the financial stability of a business</u> and recommend the appropriate 2 action to take
		FNCE	2000 Business Finance	Apply the complex tools associated with financial forecasting, the knowledge 3 of which is essential in the business world today
		FNCE	Dealership Financial 2008 Statements	1 Use dealership accounting terminology appropriately
		FNCE	Dealership Financial 2008 Statements	2 <u>Analyze the financial stability</u> of a dealership
		FNCE	Dealership Financial 2008 Statements	3 Evaluate the working capital management of a dealership
		FNCE	Dealership Financial 2008 Statements	Participate in an operational performance review of a dealership's productivity 4 and efficiency

# Degree Course Learning Outcomes for ACTG1000 Introduction to Accounting

Recognize, analyze and record business transactions using Canadian GAAP

Prepare financial statements for service and merchandising enterprises

Apply accounting principles in asset and liability valuation, and recognize the impact on financial statements

Complete a manual and a computerized accounting simulation

Financial Accounting Principles 1	1	<u>Apply</u> generally accepted <u>accounting principles</u> when <u>recording business transactions</u> ; maintain a general ledger and prepare an unadjusted trial balance
	2	Prepare the necessary period end adjusting entries, adjusted trial balance, and financial statements for unincorporated operations; and complete the accounting cycle
	3	Identify all components of an income statement for a merchandising operation and prepare journal entries under the periodic and perpetual inventory systems
	4	Discuss the basic concepts and design of a manual accounting information system, special journals, and subsidiary ledgers
	5	Reconcile a bank statement with cash, set up and maintain a petty cash fund
Financial Accounting Principles 2	1	Estimate and record appropriate adjusting entries for receivables, inventory, capital assets, payroll and liabilities
	2	Calculate and record payroll deductions and employer expenses
	3	Record transactions related to capital assets, partnership equity and corporate equity
Business Finance	1	Successfully manage the financial resources of any business using the skills acquired
	2	<u>Analyze the financial stability of a business</u> and recommend the appropriate action to take
	3	Apply the complex tools associated with financial forecasting, the knowledge of which is essential in the business world today
Dealership Financial Statements	1	Use dealership accounting terminology appropriately
	2	<u>Analyze the financial stability</u> of a dealership
	3	Evaluate the working capital management of a dealership
	4	Participate in an operational performance review of a dealership's productivity and efficiency

## Degree Course Learning Outcomes: AUTM2007 Automotive Technology

## Related Diploma Courses and Learning Outcomes: AUTO1001 & AUTO1009

	AUTO1001	AUTO1009	AUTO1001	AUTO1009	
Explain the main functions performed by automotive service repair shops and some of the issues of appropriate business practice relating to repairs	AUTO	1001	Introduction to Automotive Technology	1 Explain the main functions provided by automotive service repair shops	No link between explaining and business practices or customer care in AUTO1001, but gap remedy in AUTO1009
Distinguish among the various engine configurations and performance capabilities to the extent that the student could reliably answer basic consumer questions about the products	AUTO	1001	Introduction to Automotive Technology	2 Distinguish among the various engine configurations and performance capabilities	No Gap
Explain various engine components and be able to summarize the systems of an automotive engine	AUTO	1001	Automotive Technology	3 Summarize the systems of an automotive engine	
Compare and contrast the components of the electrical and electronic systems	AUTO	1001	Automotive Technology	4 Compare and contrast the components of the electrical and electronic systems	
	AUTO	1001	Automotive Technology	5 Identify the features of an automotive drive-train	
	AUTO	1001	Automotive Technology	6 Explain the components of the automotive chassis	
	AUTO	1009	Introduction to Fixed Operations	1 Service, Parts, and Body Shop Departments of an automobile dealership	
	AUTO	1009	Introduction to Fixed Operations	2 Explain the Fixed Operations departments objectives, operating priorities, and their relative contribution to overall dealership profitability	
	AUTO	1009	Introduction to Fixed Operations	3 Examine the major issues in parts inventory management and the inventory control best practices which optimize the inventory investment	
	AUTO	1009	Introduction to Fixed Operations	4 Critically assess the processes of service reception, workshop production, and service quality control which optimize the trade-offs between Service Department efficiency, productivity and customer responsiveness	
	AUTO	1009	Introduction to Fixed Operations	5 Evaluate productive labour, inventory, management issues and calculate and appraise Technician efficiency, labour utilization and overall Service Department / Body Shop productivity	
	AUTO	1009	Introduction to Fixed Operations	6 Develop a basic system for forecasting and budgeting financial and operational performance	
	AUTO	1009	Introduction to Fixed Operations	7 Analyze and develop typical service marketing and merchandising strategies and tactics	
	AUTO	1009	Introduction to Fixed Operations	8 Forecast personnel requirements and outline parts and service human resources management practices designed to develop personnel and manage performance	





# Organizational Behaviour

1. Identify personal skills and qualities conducive to satisfying workplace relations, and explain their effect on the human resource function of an organization
2. Analyze the various influences on employee performance and implement strategies to address poor performance
3. Identify and apply effective leadership qualities and skills that will lead to improved performance
4. Critically assess human resource issues in the workplace and determine strategies for addressing them



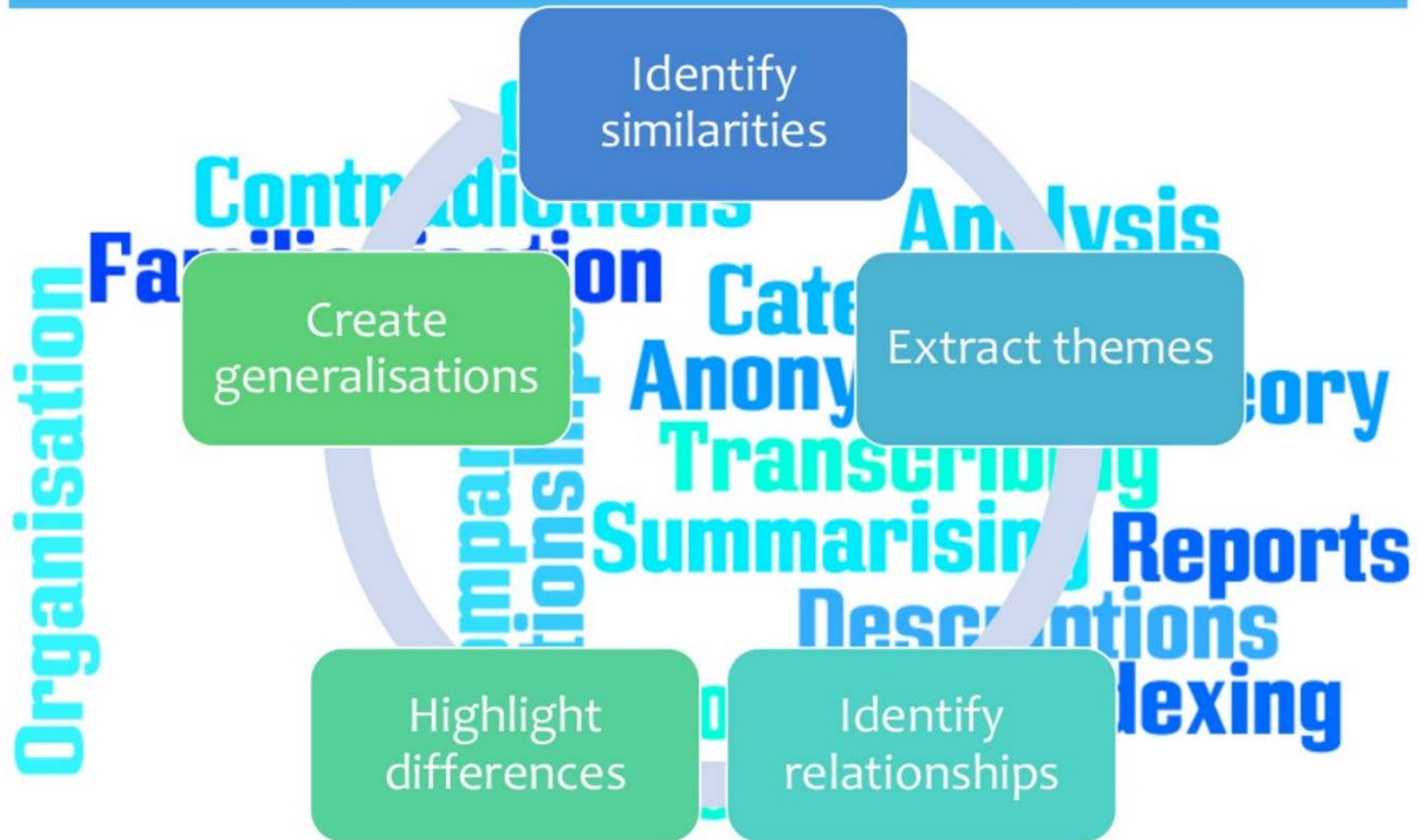
search  
documents collect  
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amount data  
text  
keywords

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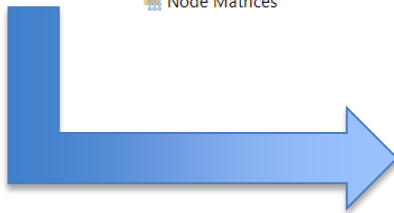
- Apply a manual protocol for determining credit transfer between diploma and degree courses.
- Discuss an NVivo protocol for determining credit transfer between diploma and degree courses
- Compare and appraise a manual and NVivo protocol for determining credit transfer between diploma and degree course

# Analysing Qualitative Data



# NVivo

Create Nodes for  
each Degree  
Course and Child  
Nodes for each of  
its learning  
outcomes



BBA(M&L)withLowAffinityBusEntrepreneurship.nvp - NVivo Pro

FILE HOME CREATE DATA ANALYZE QUERY EXPLORE LAYOUT VIEW

Advanced Find Query Wizard Text Search Word Frequency Coding Matrix Coding Group

Run Query Store Query Results Add to Stop Words List Other Actions

Nodes Look for Search In Nodes Find Now Clear Advanced Find

Nodes

- Nodes
  - LowAffinity\_BusinessEntrepre
  - Cases
    - LowAffinity\_BusinessEntrepre
    - Relationships
    - Node Matrices

Nodes

Name

- MRKT1000 Introduction to Marketing
  - 1. Analyze and discuss the role of marketing in business, industry, non-profit and government
  - 2. Outline and explain key marketing theories and concepts
  - 3. Evaluate an organization's current marketing activities and recommend viable alternatives
- ACTG1000 Introduction to Accounting
  - Recognize, analyze and record business transactions using Canadian GAAP
  - Prepare financial statements for service and merchandising enterprises
  - Apply accounting principles in asset and liability valuation, and recognize the impact on financial statements
  - Complete a manual and a computerized accounting simulation
- MNGM1001 Management Principles
  - 1. Explain the four management functions planning, organizing, leading and controlling.
  - 2. Describe how Canadian business is affected by key business issues.
  - 3. Analyze and apply management theory
  - 4. Utilize the appropriate approach and analytical skills to address issues that arise when one is employed.
- MNGM1000 Leadership
  - 1. Evaluate a variety of different leadership perspectives
  - 2. Assess key leadership attributes based on current leadership theory
  - 3. Differentiate between leadership and management characteristics and skills
  - 4. Assess contingency based approaches and determine the most appropriate for one's industry of choice
  - 5. Appraise the relevance of various leadership styles given today's global market place
  - 6. Recommend the appropriate leadership strategy to ensure organizational effectiveness
  - 7. Evaluate your leadership qualities and compose a personal development plan
- INTS1002 Multidisciplinary Research

Sources Nodes Classifications Collections Queries Reports Maps

Drag selection here to code to a new node



Copy Course Code/Name  
from Excel ...Create Node  
in NVivo,  
Copy Learning Outcomes  
from Excel.... Create Child  
Nodes in NVivo

HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW	
Cut	Calibri 11 A A
Copy	B I U
Format Painter	Font Alignment
Board	5. Assess the advantages and disadvantages of
B	C
MNGM4004 Governance & Leadership	1. Analyze theories, models, and strategies related to board and corporate governance.
MNGM4004 Governance & Leadership	2. Examine effective governance structures in action and propose responsive models that address board responsibilities vs. corporate executive roles.
MNGM4004 Governance & Leadership	3. Assess governance systems that reflect political, policy, and consent agenda frameworks.
MNGM4004 Governance & Leadership	4. Compare and contrast various leadership models including servant leadership and policy governance strategies.
MNGM4004 Governance & Leadership	5. Formulate effective response strategies to political, moral, and ethical challenges when dealing with boards and changes to board member structures.
MNGM4004 Governance & Leadership	6. Provide corrective solutions and methodologies while recognizing and responding to leadership challenges in the boardroom.
BSNS4006 Dispute Resolution for Leaders	1. Analyse how workplace disputes cause personal, professional, and organizational stress and dysfunction.
BSNS4006 Dispute Resolution for Leaders	2. Practice personal values and lead in an adversarial environment.

## Nodes

Name

- MNGM4004 Governance & Leadership
  - 1. Analyze theories, models, and strategies related to board and corporate governance.
  - 2. Examine effective governance structures in action and propose responsive models that address board responsibilities vs. corporate executive roles.
  - 3. Assess governance systems that reflect political, policy, and consent agenda frameworks.
  - 4. Compare and contrast various leadership models including servant leadership and policy governance strategies.
  - 5. Formulate effective response strategies to political, moral, and ethical challenges when dealing with boards and changes to board member structures.
  - 6. Provide corrective solutions and methodologies while recognizing and responding to leadership challenges in the boardroom.

Information Systems	Information systems
MNGM4006 Management Information Systems	5. Assess the advantages and disadvantages of enterprise systems to business competitive advantage and the management of global corporations
MNGM4000 Strategic Management	Understand the process of forming, formulating, implementing and evaluating business strategies

## Import Diploma Learning Outcomes (As Excel spreadsheet)

LowAff

FILE	HOME	INSERT	PAGE LAYOUT	FORMULAS	DATA	REVIEW	VIEW
Cut Copy Format Painter	Calibri 10 <b>B</b> <i>I</i> <u>U</u> Font	 Alignment	Wrap Text Merge & Center General	\$ % Nun			
A1							
6	ACCT1000 5. Reconcile a bank statement with cash, set up and maintain a petty cash fund.						
7	BUSI1001 1. Identify the foundations of individual behaviour including perception, communication and learning and apply this knowledge to the business environment.						
8	BUSI1001 2. Analyze the concept of motivation and evaluate motivational strategies used in a variety of organizational settings.						
9	BUSI1001 3. Explain the development, structure, decision making processes, and impact of groups within organizations.						
10	BUSI1001 4. Evaluate the appropriateness of various leadership styles and conflict management strategies used in organizations.						
11	BUSI1001 5. Explain how organizational culture and change affect working relationships within organizations.						
12	BUSI1001 6. Define and identify both personal and organizational causes of stress and list ways of managing stress.						
13	BUSI2015 1. Analyze how the internet and e-commerce adds value to an entrepreneur's industry and business.						
14	BUSI2015 2. Identify and assess e-commerce opportunities and initiative(s) which will be most beneficial for the entrepreneur's industry.						
15	BUSI2015 3. Evaluate critical success factors for maximizing e-commerce initiatives relating to the entrepreneur's business.						
16	BUSI2015 4. Develop and apply appropriate e-commerce initiatives to support the entrepreneur's business.						
17	COMP1003 1. Create professional presentations using presentation software.						
18	COMP1003 2. Create spreadsheets that employ formulas and functions.						
19	COMP1003 3. Use the advanced features of spreadsheets including graphs, charts, data management, and multiple worksheets.						
20	COMP1003 4. Design, create, and update a database that contains multiple tables.						
21	COMP1003 5. Access the database and tables in various ways including the use and design of relationships.						
22	ENTR1002 1. Discuss examples of current entrepreneurs, their companies, and their importance to both the Canadian and global economies.						
23	ENTR1002 2. Research and evaluate the personal attributes and skills that characterize the "successful" entrepreneur.						
24	ENTR1002 3. Compare their personal characteristics and interests to that of the "successful" entrepreneur.						
25	ENTR1002 4. Identify and assess sources of support for small businesses and entrepreneurs.						
26	ENTR1002 5. Research and explain issues relevant to entrepreneurs such as "green" business practices, environmental sustainability, social entrepreneurship, and intellectual property.						

Sheet1

# Import Diploma Learning Outcomes (As Excel Spreadsheet)

BBA(M&L)withLowAffinityBusEntrepreneurship.nvp - NVivo Pro

CREATE DATA ANALYZE QUERY EXPLORE LAYOUT VIEW

Text Search Word Frequency Coding Matrix Coding Coding Comparison Compound Group Last Run Query Add to Stop Words List Run Query Store Query Results Other Actions

Look for Search In Nodes Find Now Clear Advanced Find

## Nodes

Name	Sources	References
MRKT1000 Introduction to Marketing	0	0
1. Analyze and discuss the role of marketing in business, industry, non-pr	1	6
2. Outline and explain key marketing theories and concepts	1	4
3. Evaluate an organization's current marketing activities and recommend	1	6
ACTG1000 Introduction to Accounting	0	0
Recognize, analyze and record business transactions using Canadian GAAP	1	1
Prepare financial statements for service and merchandising enterprises	1	2
Apply accounting principles in asset and liability valuation, and recognize th	0	0
Complete a manual and a computerized accounting simulation	1	2
MNGM1001 Management Principles	0	0
1. Explain the four management functions planning, organizing, leading and	1	3
2. Describe how Canadian business is affected by key business issues.	1	1
3. Analyze and apply management theory	1	1
4. Utilize the appropriate approach and analytical skills to address issues tha	1	3
MNGM1000 Leadership	0	0
1. Evaluate a variety of different leadership perspectives	1	1
2. Assess key leadership attributes based on current leadership theory	0	0
3. Differentiate between leadership and management characteristics and ski	0	0
4. Assess contingency based approaches and determine the most appropri	0	0
5. Appraise the relevance of various leadership styles given today's global m	0	0
6. Recommend the appropriate leadership strategy to ensure organizationa	0	0
7. Evaluate your leadership qualities and compose a personal development	0	0
INTS1002 Multidisciplinary Research	0	0

Drag selection here to code to a new node

In Nodes Code At 2. Define the key elements of an optimal internet presence based on a predetermined target m

ID	Course Code	Code and Learning Outcomes
1	ACCT1000	ACCT1000 1. Apply Generally Accepted Accounting Principles when recording business transactions; maintain a general ledger and prepare an unadjusted trial balance.
2	ACCT1000	ACCT1000 2. Prepare the necessary period end adjusting entries, adjusted trial balance, and financial statements for unincorporated operations; and complete the accounting cycle.
3	ACCT1000	ACCT1000 3. Identify all components of an income statement for a merchandising operation and prepare journal entries under the periodic and perpetual inventory systems.
4	ACCT1000	ACCT1000 4. Discuss the basic concepts and design of a manual accounting information system, special journals, and subsidiary ledgers.
5	ACCT1000	ACCT1000 5. Reconcile a bank statement with cash, set up and maintain a petty cash fund.
6	BUSI1001	BUSI1001 1. Identify the foundations of individual behaviour including perception, communication and learning and apply this knowledge to the business environment.
7	BUSI1001	BUSI1001 2. Analyze the concept of motivation and evaluate motivational strategies used in a variety of organizational settings.
8	BUSI1001	BUSI1001 3. Explain the development, structure, decision making processes, and impact of groups within organizations.
9	BUSI1001	BUSI1001 4. Evaluate the appropriateness of various leadership styles and conflict management strategies used in organizations.
10	BUSI1001	BUSI1001 5. Explain how organizational culture and change affect working relationships within organizations.

Record 2 of 85

Codes: 34 References: 207 Read-Only Unfiltered Row: 2 Column: 3

Georgian

## Perform a Text Search for concepts related to the specific degree course

BBA(M&L)withLowAffinityBusEntrepreneurship.nvp - NVivo Pro

CREATE DATA ANALYZE QUERY EXPLORE LAYOUT VIEW

Text Search Word Frequency Coding Matrix Compound Group

Run Query Store Query Results Last Run Query

Look for Nodes Find Now Advanced Find

Nodes

Name	Source	References
MNGM4004 Governance & Leadership	0	0
1. Analyze theories, models, and strategies related to board and corporate governance.	0	0
2. Examine effective governance structures in action and propose responsive models that a	0	0
3. Assess governance systems that reflect political, policy, and consent agenda frameworks	0	0
4. Compare and contrast various leadership models including servant leadership and polic	0	0
5. Formulate effective response strategies to political, moral, and ethical challenges when	0	0
6. Provide corrective solutions and methodologies while recognizing and responding to le	0	0
BSNS4006 Management Information Systems	0	0
MNGM4000 Strategic Management	0	0
BSNS4007 Change Leadership	0	0
MNGM4005 Management & Leadership Project	0	0

Text Search Criteria

Search in: All Sources, Selected Items..., Selected Folders...

Search for: governance

Spread to: Narrow Context

Run Query Save Results... Add to Project...

Find

Exact matches (e.g. "talk")  
With stemmed words (e.g. "talks")  
With synonyms (e.g. "speaking")  
With specializations (e.g. "governance theory")  
With generalizations (e.g. "governance")

Name	In Folder	References	Coverage
LowAffinity_BusinessEn	Internals	9	0.01%

Using results of the text query assess the extent to which the highlighted diploma course learning outcomes match the learning outcomes from the degree course and “code” them to the appropriate degree learning outcome(s)

ATA ANALYZE **QUERY** EXPLORE LAYOUT VIEW

ord uency Coding Matrix Coding Group Create

Coding Comparison Compound Run Query Store Query Results Last Run Query Add to Stop Words List Other Actions Actions

Look for Search In Nodes Find Now Clear Advanced Find

**Nodes**

Name	Sources	References
MNGM4002 Operations Management	0	0
MNGM4004 Governance & Leadership	0	0
1. Analyze theories, models, and strategies related to board and corporate	0	0
2. Examine effective governance structures in action and propose responsiv	0	0
3. Assess governance systems that reflect political, policy, and consent agen	0	0
4. Compare and contrast various leadership models including servant leader	0	0
5. Formulate effective response strategies to political and ethical cha	0	0
6. Provide corrective solutions and methodologies while organizing and re	0	0
BSNS4006 Management Information Systems	0	0
MNGM4000 Strategic Management	0	0
BSNS4007 Change Leadership	0	0
MNGM4005 Management & Leadership Project	0	0
MNGM4007 Topics on Leadership	0	0
MRKT1001 Consumer Behaviour	0	0
MRKT2001 Management of Service Based	0	0
STAS3001 Statistical Analysis	0	0
BSNS3002 Service and Product Innovation	0	0
ENTP4002 Social Entrepreneurship	0	0
ENTP4001 Intrapreneurship	0	0
ENTP4000 Topics in Enterreneurship	0	0
BSNS4003 Risk Management	0	0

LowAffinity\_BusinessEntr Text Search Query - Res 1. Analyze and discuss Text Search Query - R

ID	Course Code	Code and Learning Outcomes
5	ACCT1000	ACCT1000 5. Reconcile a bank statement with cash, set up and maintain a petty cash fund.
6	BUSI1001	BUSI1001 1. Identify the foundations of individual behaviour including perception, communication and learning and apply this knowledge to the business environment.
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	BUSI1001	BUSI1001 6. Define and identify both personal and organizational causes of stress and list ways of managing stress.
12	BUSI2015	BUSI2015 1. Analyze how the internet and e-commerce adds value to an entrepreneur's industry and business.
13	BUSI2015	BUSI2015 2. Identify and assess e-commerce opportunities and initiative(s) which will be most beneficial for the entrepreneur's industry.

Results of diploma LO text query related to “Governance”

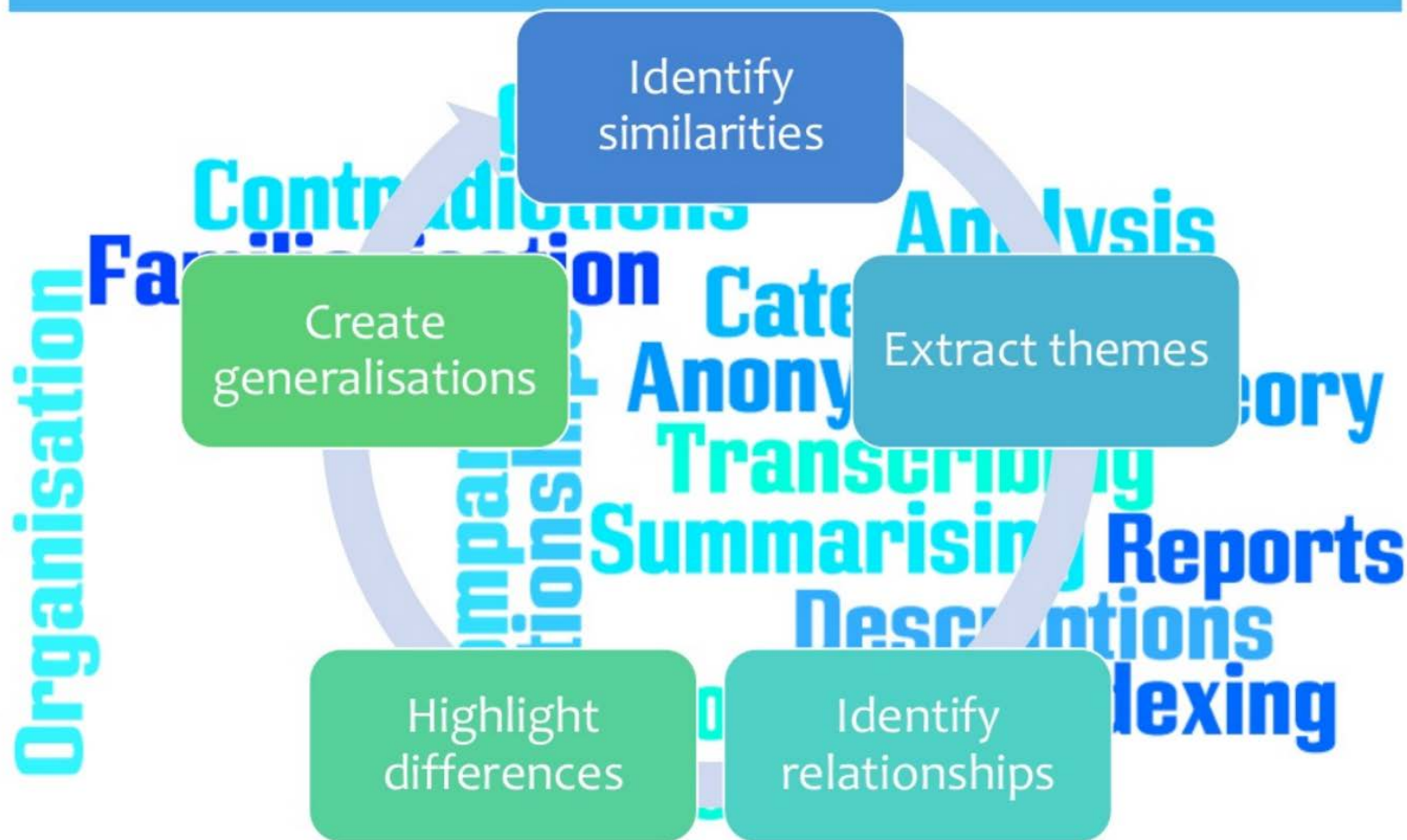


# NVivo





# Analysing Qualitative Data



Is there an affinity  
between the  
programs?

Identify  
similarities

Create  
generalisations

Extract themes

Highlight  
differences

Identify  
relationships

Is there an affinity  
between the  
programs?

Identify  
similarities

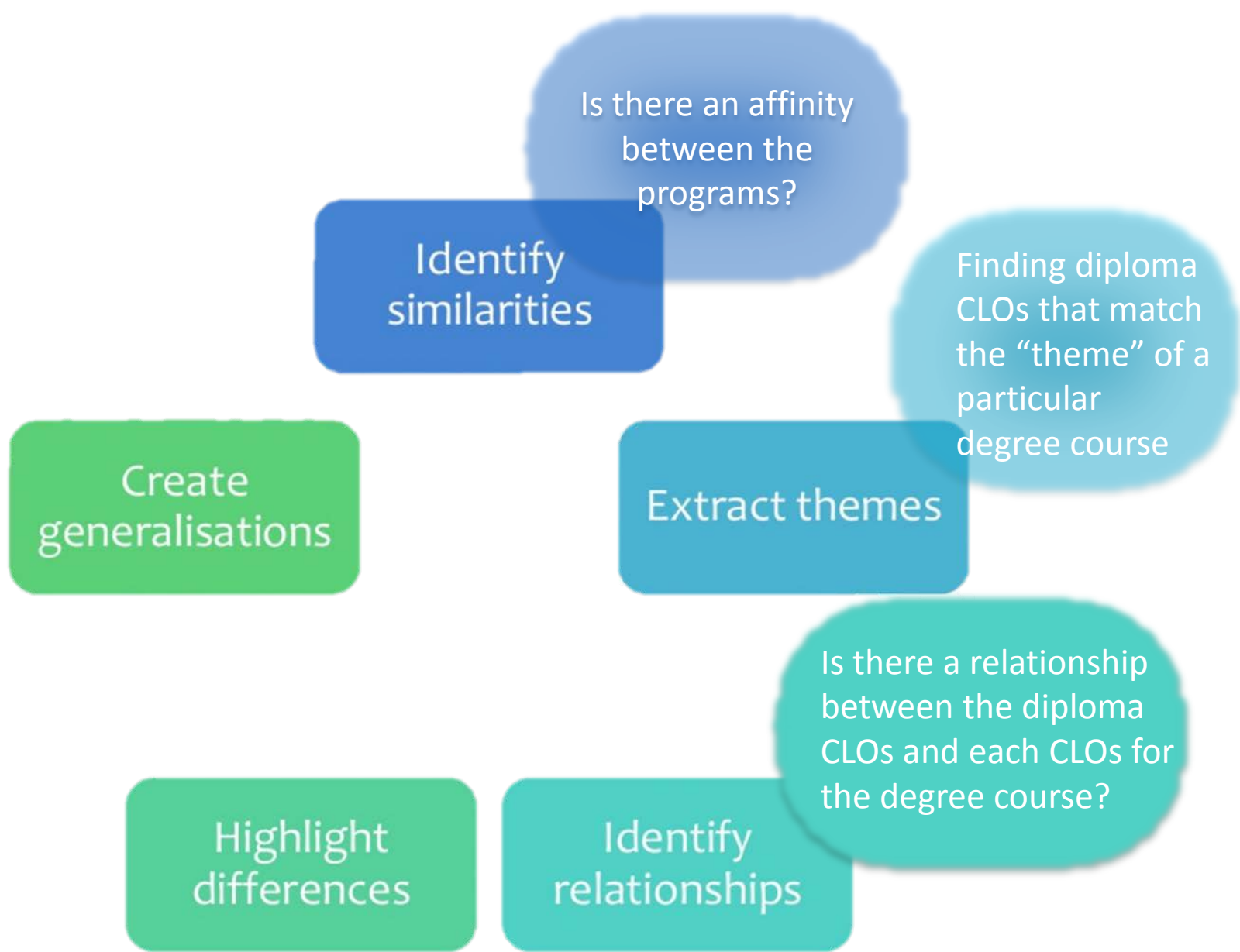
Finding diploma  
CLOs that match  
the “theme” of a  
particular  
degree course

Create  
generalisations

Extract themes

Highlight  
differences

Identify  
relationships



Is there an affinity  
between the  
programs?

Identify  
similarities

Finding diploma  
CLOs that match  
the “theme” of a  
particular  
degree course

Create  
generalisations

Extract themes

Are there qualitative  
or quantitative  
differences in  
comparing the CLOs

Highlight  
differences

Is there a relationship  
between the diploma  
CLOs and each CLOs for  
the degree course?

Identify  
relationships

Can we make statements about whether specific Degree CLOs have been met in the diploma program

Identify similarities

Is there an affinity between the programs?

Finding diploma CLOs that match the “theme” of a particular degree course

Create generalisations

Extract themes

Are there qualitative or quantitative differences in comparing the CLOs

Highlight differences

Identify relationships

Is there a relationship between the diploma CLOs and each CLOs for the degree course?



# Export a summary document, and colour code by fit...

Green Cells: Degree Course Learning Outcomes ARE covered by Diploma Course Learning Outcomes

Yellow Cells: Degree Course Learning Outcomes ARE PARTLY covered by Diploma Course Learning Outcomes

Red Cells: Degree Course Learning Outcomes ARE NOT covered by Diploma Course Learning Outcomes

## Hons. BBA (Management & Leadership) Gap Analysis from Business Diploma Program (May 2016)

Degree Course Name (Parent Node Name)	Degree Course Learning Outcome (Name)	Diploma Program Course Learning Outcomes Coded to the Degree CLO (Coded Text)
Nodes\\ACTG1000 Introduction to Accounting	Apply accounting principles in asset and liability valuation, and recognize the impact on financial statements	ACCT1003 1. Identify the basic accounting principles underlying the measurement and presentation of financial data ACCT1003 5. Identify the various ways of classifying and allocating costs ENTR2009 3) Construct a set of financial projections (cash flow, income statement and balance sheet) to assess the viability of a small business. FNCE2000 4. calculate the financial ratios used to evaluate the operating performance of a firm; FNCE2000 5. incorporate the risks and sensitivities of forecasting in the preparation of basic pro forma financial statements;
	Complete a manual and a computerized accounting simulation	ACCT1000 4. Discuss the basic concepts and design of a manual accounting information system, special journals, and subsidiary ledgers.
	Prepare financial statements for service and merchandising enterprises	ACCT1000 2. Prepare the necessary period end adjusting entries, adjusted trial balance, and financial statements for unincorporated operations; and complete the accounting cycle.

Consult with the Subject Matter Experts (faculty)



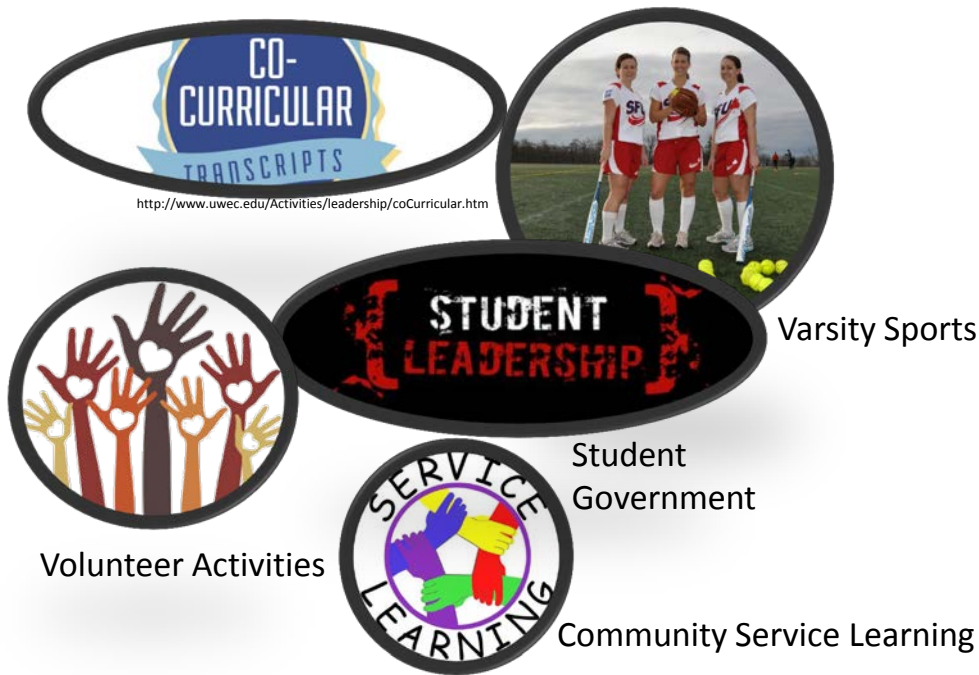
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# Other Applications?

## Co-curricular Activities



## Classroom Assessment

