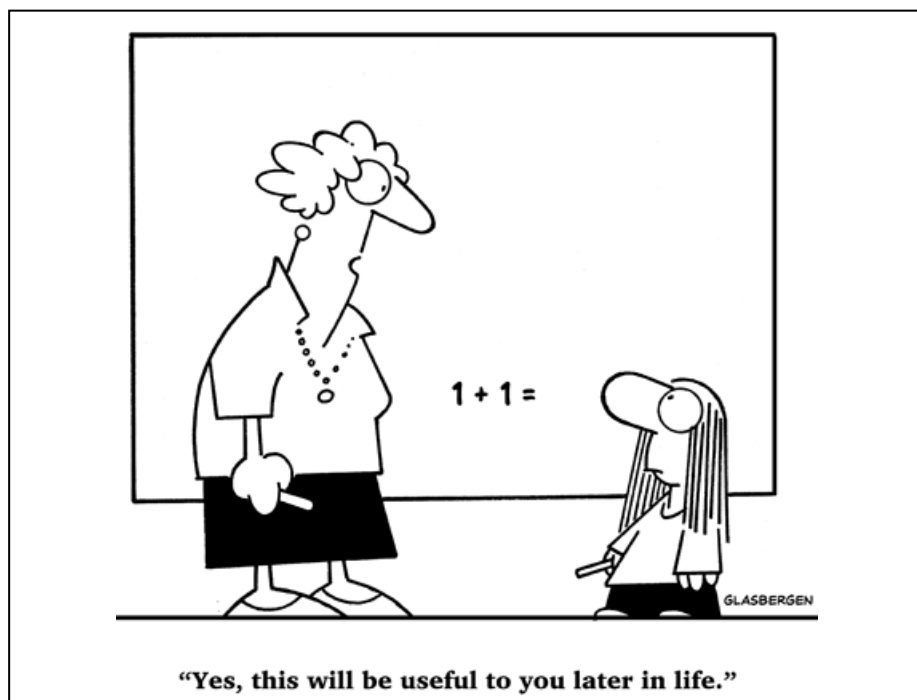


Waterloo Catholic District School Board

Understanding and Implementing Contextualized Instruction in the Classroom



A Guide for Teachers



July 2013

Consider the following scenario:



You worked hard to plan a lesson that covers the expectations of your course. Students enter the classroom and sit waiting for you to begin inspiring and molding their futures. Many students in the class are engaged and answer questions during the lecture and eagerly participate in the lesson activities. Others are much more interested in the latest 'tweets' posted on Twitter! You often wonder in frustration why these students seem so disinterested in learning. Perhaps some of these students question 'Why do I have to learn this stuff anyway?' and 'When am I ever going to use this?'

Dear Teachers,

Are you able to relate to some aspect of this scenario? Perhaps you wonder how you can best answer these questions for the students. One way to accomplish this is through contextualized instruction. Also, maybe you would like to know what resources are available to help you make a stronger connection between your course content and how students can use what is taught in your classroom in their future careers. Since the life of a teacher is often chaotic and busy, you'll be happy to know that there are existing resources which are easily available and make the process of incorporating contextualized instruction into your lessons very simple.



This manual provides you with a meaningful resource that will help you understand the benefits of contextualized instruction for you and your students, but more than that, it will provide you with access to a wealth of existing lesson plans, summative assessments, and ways to easily enhance your daily instruction through activities, guest speakers and business tours.

This manual includes step-by-step instructions about how to:

- access Contextualized Learning Activities (CLA) from the Ontario Educational Resource Bank
- access CLAs from the WCDSB High Skills website www.HighSkills.ca
- book guest speakers and business tours from the Business and Education Partnership.



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Overview



The purpose of this resource is to:

- Increase your understanding of contextualized instruction needed for SHSM students
- Explain why it is necessary to implement contextualized instruction in the classroom for SHSM students
- Provide you with a manual that shows you how to easily access existing resources so you can provide contextualized instruction to SHSM students in your classes

What is Contextualized Instruction?

Contextualized instruction:

- Allows teachers to connect the theory and concepts that students learn in the classroom to their SHSM major
- Provides students with authentic situations that link the course material to their future career plans
- Is based on existing Ministry curriculum expectations
- Consists of four to six hours of instruction related to the student's SHSM major that must be incorporated into each required course
 - This can be accomplished through guest speakers, providing sector-specific examples during classroom instruction or tailoring existing assessments to encompass the student's SHSM sector (see *What are the Options for Delivering SHSM Instruction?* below)
- Is mandatory but should not require a significant time investment by the teacher
- Should not involve the SHSM students completing more work than you would expect from the rest of the class



How Will this Benefit My Students?

Students enrolled in the SHSM program work toward earning a red seal designation at graduation by completing industry-recognized certifications in their specific majors. Students are also required to participate in contextualized learning in the classroom for their major and supporting courses for their specific SHSM sector.

Student benefits of contextualized instruction include:



- ***Addresses the Question “Why do I need to learn this?”***

- Connects the theory delivered in the classroom to the student’s SHSM sector
- Benefits all students in the class, not just those in a SHSM
- Students can easily see that what they are learning will be useful and applicable to their lives after high school

- ***Increased Success Rates for Student Completion of SHSM***

- Students who receive contextualized instruction in their required courses will experience greater success in completing the requirements of their major

- ***Real-World Connections***

- Using concrete and real-world examples in contextualized instruction allows students to connect and apply the course work
- Students understand how their chosen major can be valuable to their current learning and future application of the course material



Student Testimonials

In a recent poll of SHSM graduates, 54% of students noted that their teachers helped them understand how their course work related to their SHSM major.

Students were asked: *Did teachers help to link course work to your major?*



“The Business department at St. Mary’s really stressed its importance.”

– Rio Maligaya

“(If teachers linked course work to our majors), this would be a good idea. I think it would help me to see what applies.”

– Nathan Mape, Resurrection C.S.S.



How Will This Benefit Me as a Teacher?

The contextualized learning process does not require much additional planning on your part. It is very simple to incorporate requirements for SHSM students based on your knowledge, collaboration with colleagues and availability of resources.

Teacher benefits of incorporating contextualized instruction include:



Increased Student Engagement

- Students become more engaged in course material when the subject matter is individualized and applicable to their career path as identified by their SHSM major
- Fosters a better student-teacher relationship as you are able to tailor instruction and assessment to the specific needs of your students

Increased Enrolment

- Since many SHSM course requirements are elective courses, students may choose to enroll in the courses they know will offer contextualized instruction and learning, thereby increasing interest in your course offerings

What are the Options for Delivering Contextualized Instruction?

Contextualized instruction can be delivered to your students in a number of different ways, and all of them allow students to make connections between what they are learning in your classroom and the real-world.

Contextualized instruction can be accomplished by:

Enhancing Classroom Instruction (Assessment for Learning)

You can book a guest speaker and/or arrange for a tour of a local business that is relevant to your course as well as to specific SHSM sectors.

Using Classroom Examples (Assessment as Learning)

You can incorporate sector-specific examples into several of your daily lessons to reinforce connections between theory and concepts taught in class, and real-world applications.



Tailoring Summative Assignments (Assessment for Learning)

You can provide SHSM students with the flexibility to select topics relevant to their SHSM sector for ONE summative during the semester (e.g. ISU topic, novel study, research project, presentation).



There are many resources available to help you deliver contextualized instruction to your SHSM students. For example:

- The **Business & Education Partnership** website can be used to book a guest speaker that is an expert or professional in the SHSM sector and/or a business tour that is relevant to course content
- The **Ontario Educational Resource Bank (OERB)** can be used to obtain CLAs for SHSM sectors
- The **WCDSB High Skills** website can be used to locate Contextualized Learning Activities (CLAs) for relevant classroom activities for each SHSM sector

Please consult the “**Teacher Resources**” in Appendix A of this manual for more information, including links.


Interactive learning module.

The multimedia module will help explain much of the content in this manual using:

- *interactive examples and presentations to address main topics*
- *games, quizzes and role play situations to reinforce important concepts*
- *guided demonstration to locate content on the Business and Education Partnership, OERB and WCDSB High Skills websites*

To access the Interactive Learning Module:

- Go to www.HighSkills.ca
- Select the “Teacher Info” tab at the top of the page.
- Select the link; “ Contextualized Instruction For SHSM Students:
- Select the Interactive Module link as shown below



The screenshot shows the StaffNet website interface. At the top is the StaffNet logo. Below it is a navigation bar with links: Home, Corporate Services, Facility Services, HR Services, IT Services, Offices, and Program Services. The main heading is 'Contextualized Instruction For SHSM Students'. On the left is a sidebar menu with links: The Arts, Building Successful Students, Business Studies, Canadian and World Studies, Canoe Bookings, Classical and International Languages, and Cooperative Education / . The main content area has the heading 'Contextualized Instruction' and two links: 'Click here to view the Teacher's Manual For Contextualized Instruction.' and 'Click here to view the Interactive Module For Contextualized Instruction.' A red arrow points to the 'Interactive Module' link. Below the links is a paragraph: 'The above resources provide an overview of what contextualized instruction is and why it is helpful to our students and teachers.'

Appendix A

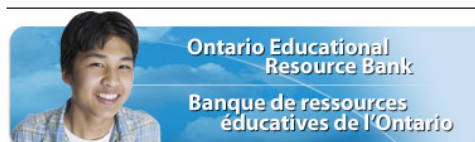
Teacher Resources

A number of resources already exist to help you provide contextualized instruction to your students. This manual explains the following resources in more detail:

Business and Education Partnership



Ontario Educational Resource Bank (OERB)



WCDSB's High Skills website



Business and Education Partnership



Description

The Business and Education Partnership of Waterloo Region can be used to provide contextualized instruction to your students in several ways. For example, the organization provides:


- Guest speakers
- Facility tours specific to SHSM majors

Note: The cost of transportation & supply time will be covered for these opportunities. More information will become available once you submit your request.

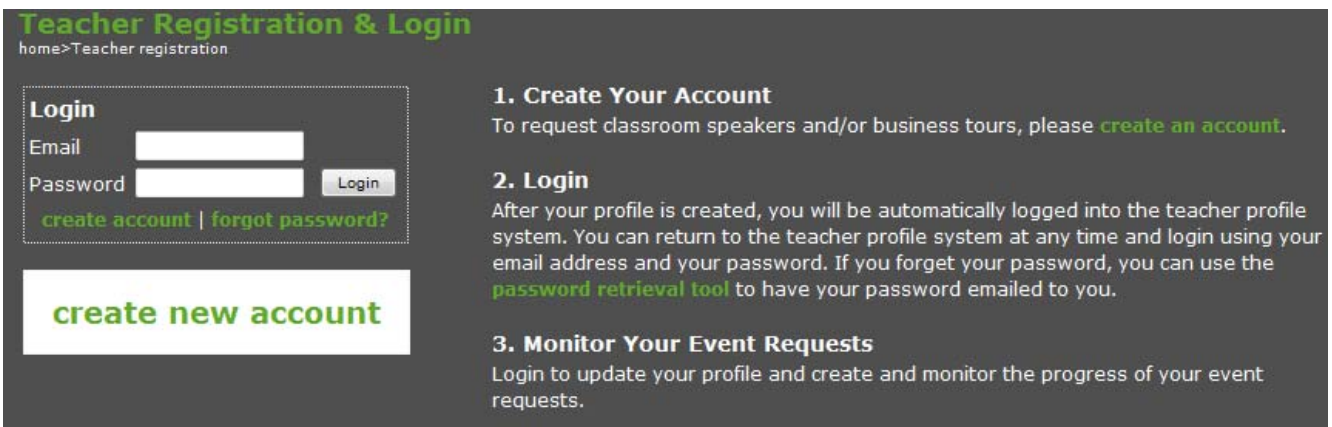
How to Use this Resource

Part I - Booking a Guest Speaker

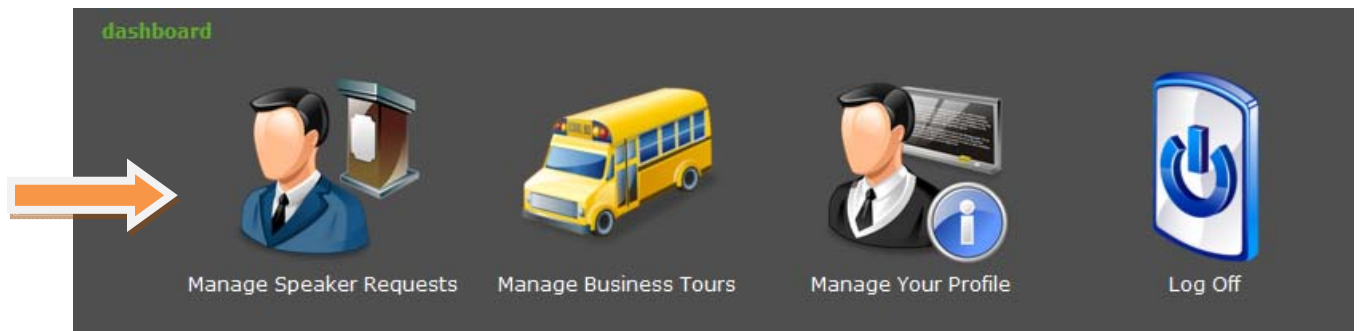
1. Go to the [Business and Education Partnership](http://www.bus-edpartnership.org/main.cfm) website (www.bus-edpartnership.org/main.cfm)

2.  Select Educators

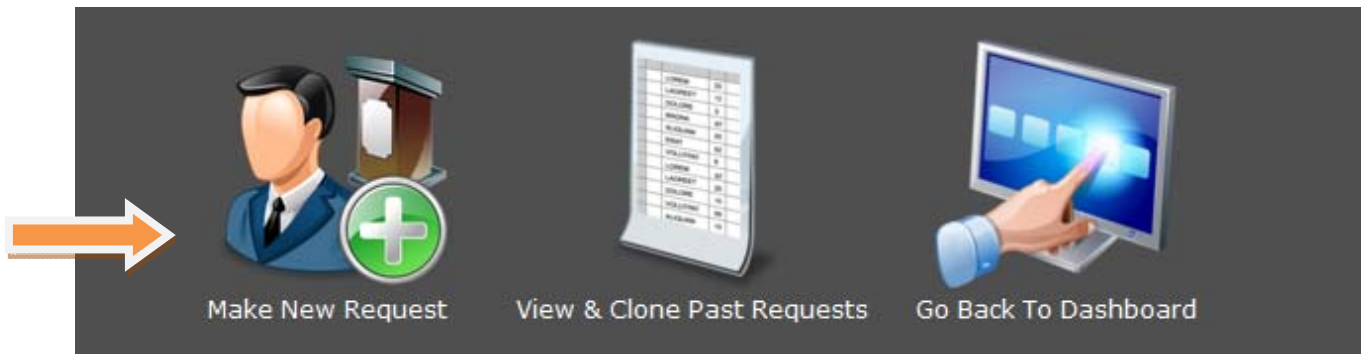
3. The site requires you to create or use an existing username and a password to login.

The screenshot shows the "Teacher Registration & Login" page. On the left, there is a "Login" section with fields for "Email" and "Password", a "Login" button, and links for "create account" and "forgot password?". Below this is a large green button that says "create new account". On the right, there are three numbered sections: "1. Create Your Account" with a link to "create an account", "2. Login" with instructions on how to log in and a link to the "password retrieval tool", and "3. Monitor Your Event Requests" with instructions on how to update a profile and monitor event requests.

4. Select “Manage Speaker Requests”



5. Select “Make New Request”



6. Complete the form with the details of your request

Step 1.	Step 2.	Step 3.	Step 4.
Step 1. Provide the event details.			
Venue	St. David C.S.S. ▼		
Event Type	<input type="radio"/> Individual Presentation what's this? <input type="radio"/> Career Carousel what's this? <input type="radio"/> Employer Panel what's this? <input type="radio"/> Guess my Career what's this? <input type="radio"/> Judges Needed what's this? <input type="radio"/> ZOOM in the classroom what's this?		
Event Name	<input type="text"/> what's this?		
Stream	Not Applicable / Not Specified ▼		
Grade Levels (check all that apply)	<input type="checkbox"/> Grade 7 <input type="checkbox"/> Grade 8 <input type="checkbox"/> Grade 9 <input type="checkbox"/> Grade 10 <input type="checkbox"/> Grade 11 <input type="checkbox"/> Grade 12 <input type="checkbox"/> Other		
Goals & Expectations:	<input type="text"/>		
Expected Audience Size	<input type="text"/>		
<div>Cancel Go To Step 2</div>			

7. Provide three (3) potential dates and times for your event

Step 1.

Step 2.

Step 3.

Step 4.

Step 2. Provide the class time and your top 3 suggested dates for the event.

First Choice:

Date: mm/dd/yyyy

Presentation Time? : : AM

Second Choice:

Date: mm/dd/yyyy

Presentation Time? : : AM

Third Choice:

Date: mm/dd/yyyy

Presentation Time? : : AM

How long do you want them to speak?

60 minutes

Special Instructions:

(eg. odd/even days)

Go To Step 1

Cancel

Go To Step 3

8. Select topics that you want the speaker to address during the presentation

Step 1.

Step 2.

Step 3.

Step 4.

Step 3. Select Topics For Speaker To Address.

Agriculture

Arts & Culture

Aviation & Aerospace

Business (Careers/Co-op)

Community Safety & Emergency Services

Computing / Technology

Construction

Education/Not-for-profit/Government Organization

Energy

Environment

Health & Wellness

Hospitality & Tourism

Landscaping

Manufacturing

Mining

Other

Transportation

Click on each category to reveal the sub topics to choose from.

Note: There are more topics below, remember to scroll down.

Go To Step 2

Cancel


Go To Step 4

9. Submit your request and you're done!

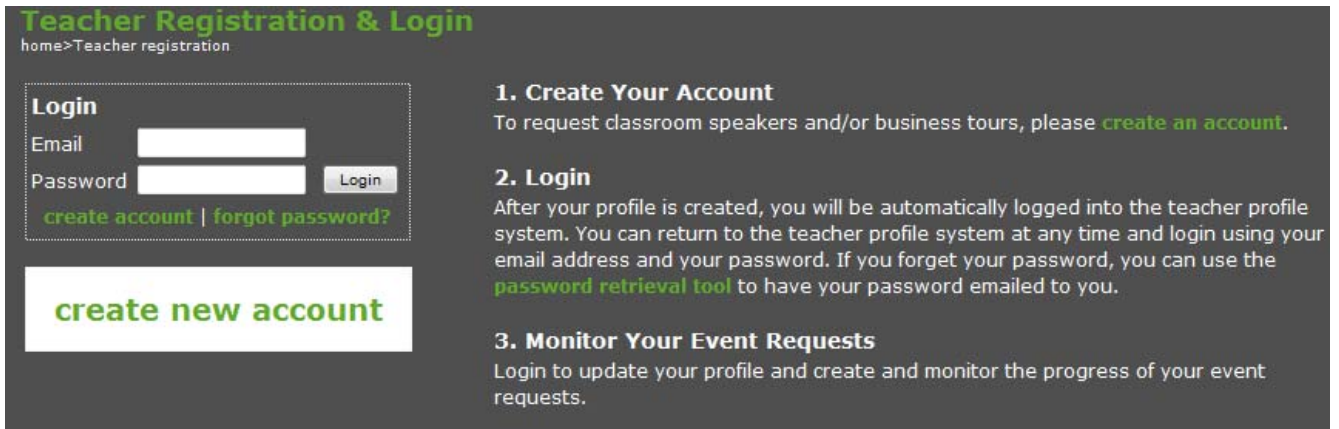
Step 1.	Step 2.	Step 3.	Step 4.
Step 4. Submit Your Request			
Create Single Event Request If you would like to submit this request and return to your profile page, click on this button.		OR	Create Multiple Similar Requests If you would like to submit this request, and add another similar request immediately, click on this button.
Submit This Request & Return To Manage Requests Page			Submit Request & Start New Request With Similar Details

Part II – Booking a Tour

1. Go to the [Business and Education Partnership](http://www.bus-edpartnership.org/main.cfm) website (www.bus-edpartnership.org/main.cfm)

2.  Select Educators

3. The site requires you to create or use an existing username and a password to login.



Teacher Registration & Login
home>Teacher registration

Login

Email

Password

[create account](#) | [forgot password?](#)

create new account

1. Create Your Account
To request classroom speakers and/or business tours, please [create an account](#).

2. Login
After your profile is created, you will be automatically logged into the teacher profile system. You can return to the teacher profile system at any time and login using your email address and your password. If you forget your password, you can use the [password retrieval tool](#) to have your password emailed to you.

3. Monitor Your Event Requests
Login to update your profile and create and monitor the progress of your event requests.

4. Select “Manage Business Tours”



5. Select “Make New Tour Request”



6. Complete the form with the details of your request

Step 1.	Step 2.	Step 3.	Step 4.
Step 1. Provide the tour request details. (One tour per request)			
Departing From	AEP - St. Don Bosco		
Course Type	<input type="checkbox"/> Academic(University) <input type="checkbox"/> Applied(College) <input type="checkbox"/> Fast Forward <input type="checkbox"/> SHSM <input type="checkbox"/> Workplace(Job Entry)		
Tour Name (To easily refer to this request)	<input type="text"/> what's this?		
Grade Levels (check all that apply)	<input type="checkbox"/> Grade 9 <input type="checkbox"/> Grade 10 <input type="checkbox"/> Grade 11 <input type="checkbox"/> Grade 12 <input type="checkbox"/> Other		
Related Class Subject	<input type="text"/> (eg. Math, English, History)		
Career Focus and Suggested Companies: (see STEP 3 for available Sectors)	<input type="text"/>		
Expected Number of Students	<input type="text"/>		
<input type="button" value="Cancel"/>		<input type="button" value="Go To Step 2"/>	

7. Provide three (3) potential dates and times for your event

Step 1.

Step 2.

Step 3.

Step 4.

Step 2. Provide timing suggestions.

First Choice:

Date: mm/dd/yyyy

Tour Time? : : AM

Second Choice:

Date: mm/dd/yyyy

Tour Time? : : AM

Third Choice:

Date: mm/dd/yyyy

Tour Time? : : AM

Which semester is this for?

How long have you allotted for the tour?

Special Instructions or Dates to Avoid:

(eg. odd/even days, Monday's only, any time in August, can't do Fridays)

Go To Step 1

Cancel

Go To Step 3

8. Select the topic and subtopic that you want your tour to address

Step 1.

Step 2.

Step 3.

Step 4.

Step 3. Select Topics or Sectors.

Agriculture

Arts & Culture

Aviation & Aerospace

Business & Retail

☐ Distribution Centres

☐ Entrepreneurship

☐ Financial Institutions

☐ Insurance Companies

☐ Legal Firms

☐ Media/Communications

☐ Retail Stores

☐ Sales & Marketing

Community Safety & Emergency Services

Construction

Education

Environment

Government

Health & Wellness

Hospitality & Tourism

Landscaping

Manufacturing

Not for profit

Technology

Transportation

Click on each category to reveal the sub topics to choose from.

Note: There are more topics below, remember to scroll down.

Go To Step 2

Cancel

Go To Step 4

9. Submit your request and you're done!

Step 1.	Step 2.	Step 3.	Step 4.
Step 4. Submit Your Request			
Create Single Tour Request If you would like to submit this request and return to your profile page, click on this button.		OR	Create Multiple Similar Requests If you would like to submit this request, and add another similar request immediately, click on this button.
<input type="button" value="Submit This Request & Return To Manage Requests Page"/>			<input type="button" value="Submit Request & Start New Request With Similar Details"/>
<input type="button" value="Go To Step 3"/>		<input type="button" value="Cancel"/>	



If you have any questions about booking speakers or tours, please contact:

Judy Carley, Placement and Pathways Officer, WCDSB
judy.carley@wcdsb.ca
(519) 578-3660 extension 2485

Julie Dreisinger, Program Coordinator
Business & Education Partnership of Waterloo Region
295 Hagey Blvd, Suite 16
Waterloo ON N2L 6R5

Office: (519) 888-9944 extension 2027

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Arts & Culture

Suggested Speakers:

- Business Development Director
- Communications Director
- Entertainment Careers – Music, theatre, concert production
- Event Management
- Photographer
- Music Production
- Journalist
- Radio Announcer

Suggested Business Tours:

- Drayton Entertainment – Professional performances plus fantastic backstage tour highlighting entertainment careers (small cost per student)
- 94.3 Faith FM
- Gallery on the Grand
- Maxwell's Music House
- Metalworks Studio (Mississauga)
- Pirak Commercial Photography
- Rogers Television
- Studio A Audio Recording & Production
- The Kitchener Auditorium
- The Record



Sector: Business & Retail

Suggested Speakers:

- Design Consultant
- Director
- General Manager
- HR Generalist
- HR Manager
- Learning Implementation Manager
- President
- Store Manager
- Technician

Suggested Business Tours:

- Adventure Guide
- Boston Pizza
- Canadian Tire
- Desire2Learn Inc.
- Fiddleheads Health Foods
- Long & McQuade
- M&M Meat Shops
- Music Plus Corporation
- Quarry Communications
- RONA (Cambridge/Kitchener)
- Studio A-Mirador
- The Home Depot (Cambridge/Waterloo)
- Waterloo Farmer's Market

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Construction

Suggested Speakers:

- Civil Construction careers
- Skilled Trades & Apprenticeships
- Engineering (i.e. Environmental Engineer)
- Electrician
- Millwright
- Power worker
- Staff Officer
- Workplace Safety
- Union Negotiator

Suggested Business Tours:

- Bamco Woodworking (Guelph)
- City of Kitchener – trades
- East Forest Homes Ltd.
- Globe Stamping - trades
- Kuntz Electroplating – trades
- Ontario Drive & Gear Ltd.
- RONA (Cambridge/Kitchener)
- Region of Waterloo - Trades
- The Home Depot (Cambridge/Waterloo)



Sector: Energy & Environment

Suggested Speakers:

- Air Quality Engineer
- Assistant Manager, Environmental Engineering
- Director HR (hydro)
- Environmental Engineering Specialist
- Insurance Institute – Energy or Environmental Specialist
- Ontario Civil Construction Careers Institute
- Project Manager
- Staff Officer
- Sr. Consultant
- Utility Service Manager
- VP Finance (Hydro)

Suggested Business Tours:

- Babcock & Wilcox Canada Ltd.
- Conestoga College, School of Engineering & IT
- Everdale Organic Farm & Environmental Learning Centre (small charge)
- Laurier, Faculty of Science
- Region of Waterloo - Waste Management Facility
- Region of Waterloo - Water Services
- Sutherland-Schultz Ltd.
- University of Waterloo, Faculty of Engineering/Faculty of Environment

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Health & Wellness

Suggested Speakers:

- Athletic Therapist
- Chiropractor
- Dental Assistant
- Fitness Instructor
- Kickboxing instructor
- Insurance Careers – Health
- Naturopath
- Occupational Health Nurse
- Registered Veterinary Technician
- Respiratory Therapist

Suggested Business Tours:

- Agfa Healthcare – Grade 11/12 (Science/Tech focus)
- Bankside Terrace
- Everdale Organic Farm and Environmental Learning Centre – small cost per student
- Fiddleheads Health Foods
- Foodbank of Waterloo Region
- Gina's College
- Grand River Hospital
- House of Friendship
- KW YMCA (Early Years)
- Region of Waterloo - Emergency Medical Services
- ROOF Agency
- Stirling Heights
- The Food Bank of Waterloo Region
- The Salvation Army
- The Voila Institute of Hair Design
- Waterloo Memorial Recreation Complex

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Hospitality & Tourism

Suggested Speakers:

- Event Management
- Event Sales
- Executive Chef
- Gallery Owner
- General Manager
- Hospitality & Food Services
- Hotel Careers
- Personal Chef
- Travel Manager

Suggested Business Tours:

- Adventure Guide
- Best Western Cambridge
- Bingeman's
- Delta Hotel (Kitchener)
- Drayton Entertainment – Professional performance plus backstage tour
- Galt Country Club
- Holiday Inn (Cambridge/Kitchener)
- Liaison College
- Maxwell's Music House
- Radisson Hotel
- St. Jacob's Farmers Market
- Stone Crock
- Walper Terrace
- Waterloo Golf Academy
- Waterloo Inn

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Information & Communications Technology (ICT)

Suggested Speakers:

- Computer Science Professor
- Director of Program Management
- Educational Outreach Specialist
- Electrical Design Engineer
- Engineering Manager
- Game Developer
- Mathematics Professor
- Product Manager
- Software Architect
- Sr. Director of Sales
- Video Producer

Suggested Business Tours:

- Agfa Healthcare – Grade 11/12 (Science/Tech focus)
- Christie Digital Systems
- Communitech HUB/Christie Digital HIVE
- COM DEV International
- Teledyne DALSA – Grade 11/12 University bound students
- Desire2Learn
- Exact Software
- Institute of Quantum Computing - Grade 11/12 University bound students
- Maplesoft
- Open Text
- Sandvine
- Sybase

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Justice & Community Safety

Suggested Speakers:

- Assistant Crown Attorney
- Community Resources Officer
- Constable
- Coordinator, Paramedic Program
- Executive Officer, Sergeant
- Fire Prevention Officer
- Human Resources – Health & Safety Consultant
- Industrial Accident Prevention Association (IAPA)
- Probation & Parole Officer
- Public Health Nurse, Injury Prevention Program
- Social Worker
- Workplace Safety & Insurance Board
- Youth Worker

Suggested Business Tours:

- Conestoga College, School of Community Services
- Kitchener Fire Department Headquarters
- Laurier, Faculty of Social Work (MSW Program)
- Miller Thomson LLP
- Region of Waterloo - Emergency Medical Services
- Waterloo Regional Police Headquarters

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Landscape & Horticulture

Suggested Speakers:

- Executive Director/President
- Learning Implementation Manager
- Operations Supervisor
- Owner
- Skilled Trades & Apprenticeships
- Sr. Environmental Engineer
- Urban Forest Technologist

Suggested Business Tours:

- 2nd Nature
- Coleman Equipment Inc. (Agri Equipment Dealer)
- Colour Paradise
- Galt Country Club (Turf Management)
- Greenway Blooming Centre
- Grobe Nursery
- City of Kitchener
- Meadow Acres
- Mooder Horticulture
- RONA (Cambridge/Kitchener)
- Region of Waterloo
- Sheridan Nurseries
- The Home Depot (Cambridge/Waterloo)
- TNT Property Maintenance

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Manufacturing

Suggested Speakers:

- Business Manager
- Buyer
- Chief Executive Officer (CEO)
- Development Specialist
- General Manager
- Manager, Environmental Engineering
- Millwright
- Operations Manager
- Safety Officer
- Technical Representative
- Union Negotiator

Suggested Business Tours:

- Alpine Plant Foods Corporation
- Barbarian Rugby Wear
- Christie Digital Systems – High-Tech Manufacturing
- Teledyne DALSA – High-Tech Manufacturing - Grade 11/12 University bound students
- Gerdau Ameristeel
- Globe Stamping
- Heartland Appliances
- Kraus Carpets
- Kuntz Electroplating
- Ontario Drive & Gear (ARGO Amphibious Vehicles)

Business and Education Partnership List of Potential Guest Speakers and Tours



Sector: Sports

Suggested Speakers:

- Athletic Therapist
- Chiropractor
- Fitness Instructor
- Kickboxing Instructor
- Insurance Careers – Health/Sports

Suggested Business Tours:

- Fiddleheads Health Foods
- Grand River Hospital
- KW YMCA (Early Years)
- Pride Stables
- The Aud
- Waterloo Memorial Recreation Complex



Sector: Transportation

Suggested Speakers:

- Corporate Trainer
- Environmental Engineering
- General Manager
- Human Resources Supervisor
- Ontario Trucking Association
- Operations Manager
- Safety Officer
- Vehicle/Equipment Specialist

Suggested Business Tours:

- Canadian Tire – Highlight Automotive Department
- C.A.S. Power Marine Ltd.
- Challenger Motor Freight – Transportation students only
- City of Kitchener
- Forbes Motors
- Great Lakes Helicopter
- Heffner Lexus Toyota
- Mill Creek Motor Freight
- Ontario Drive & Gear (ARGO Amphibious Vehicles)
- Region of Waterloo – Transportation Operations Facility



Ontario Educational Resource Bank (OERB)

Description

The Ontario Educational Resource Bank (OERB) is a database that provides access to existing teaching resources. The resources found in the OERB were created by teachers throughout the province for the purpose of sharing teaching knowledge, experience and strategies.

- Resources include: lesson plans, videos, activities, maps, and interactive multimedia objects
- Resources are offered in convenient formats including Microsoft Word, PowerPoint, PDF and Flash
- They are easily downloadable and modifiable
- All content is aligned with the Ontario curriculum
- You can search for resources by grade, course/subject, strand, overall expectations, learning style, author, file format, and keyword, which make resources easy to access

Specifically, the OERB can be a beneficial resource to help you deliver contextualized instruction to your SHSM students because it allows you to search the database for *existing* Contextualized Learning Activities (CLAs). CLAs are documents that include complete lesson materials which are sector-specific and also relate to the supporting courses that students need to fulfil SHSM requirements.

How to Use This Resource

1. Go to the [OERB](https://resources.elearningontario.ca) website (resources.elearningontario.ca)
2. Log in to the OERB:

Username: wcdsbteacher
Password: oerbt

Welcome

Teachers, Students, and Parents of Students in District School boards - The Ontario Educational Resource Bank is password protected. Contact your local school board for information about using these resources.

You may search for the resources by grade, subject/course, strand, overall expectations, and/or keywords.
Please enter your user name and password below. Then click on Submit.

Login

User id:

Password:

Enter: oerbt

3. Select “Search”



4. If you would like to see all CLAs, type **CLA** in the “**Simple Search**” box

A screenshot of the search interface. At the top, there are tabs: 'Simple Search' (selected), 'Browse By Curriculum', 'Advanced Search', 'eLO Course Units', and 'RSS'. Below the tabs is a search bar with the text 'CLA' entered. To the right of the search bar is a 'Simple Search' button. Above the search bar are several filters: 'Language of Resource: all', 'Results Per Page: 10', 'eLO-Developed: ☐', 'Language of Curriculum: English', 'Database to Search: all', and 'Type of Board: all'. An orange arrow points to the search bar.

OR

If you would like to see CLAs for a particular major, type **CLA** and **Name of SHSM major** in the “**Simple Search**” box.

A screenshot of the search interface, similar to the one above. The search bar now contains the text 'CLA Transportation'. An orange arrow points to the search bar.

107 Search Results 1 2 3 4 5 6 7 8 9 10 >>

5. If you only want to see CLAs for your course, go to “**Advanced Search**” and then type in the **course code** on the first Keywords line and **CLA** on the second Keywords line.

[Simple Search](#) [Browse By Curriculum](#) **Advanced Search** [eLO Course Units](#) [RSS](#)

Language of Resource: eLO-Developed: ☐
Results Per Page: Language of Curriculum: Type of Board:

Add more search rows :

Keywords

AND

Keywords

AND

Keywords

or

or

OR

If you only want to see CLAs for your course, for a particular SHSM sector, go to “**Advanced Search**” and then type in the **course code** on the first keywords line, **CLA** on the second keywords line, and the name of the SHSM sector on the third keywords line.

Note: The order in which you type your search criteria does not matter.

[Simple Search](#) [Browse By Curriculum](#) **Advanced Search** [eLO Course Units](#) [RSS](#)

Language of Resource: eLO-Developed: ☐
Results Per Page: Language of Curriculum: Type of Board:

Add more search rows :

Keywords

AND

Keywords




AND




Keywords




or




or


OERB – Examples of CLAs

SHSM Sector	CLA Course Code	CLA Description	CLA Details
Arts & Culture 	CGW4UI	<ul style="list-style-type: none"> • Uses an ISU format that serves as the culminating activity for all students in CGW4UI • ISU topics are provided that speak directly to a connection between arts & culture and geopolitical issues, and challenge students to use performance and/or visual art to demonstrate learning in a creative 20 minute presentation 	Title : Independent Study Unit Resource ID : ELO1426140 Resource Type : ISU Project Creator Names : Smukavich, Cindy and Renner, Andrew Creator's School Board/Organization : Waterloo Catholic District School Board Uploaded Date : 2012-08-20
Business & Retail 	MDM4UI	<ul style="list-style-type: none"> • This CLA will ask students to analyse the use of statistics in the media and how they are used to sell products • Students will also gather primary data to create and market their own product 	Title : Statistics Used in Advertising Resource ID : ELO1425340 Resource Type : Project Creator Name : Lustrinelli , Daniel Creator's School Board/Organization : Halton District School Board Uploaded Date : 2012-08-14
Construction 	BMI3CI	<ul style="list-style-type: none"> • Students will answer some introductory questions about marketing a product from their construction course • They will analyze fads, trends, changing costs, prepare a market-research tool using the “Four Ps” of the marketing mix, analyze results with SWOT analysis, and develop an advertising and promotional strategy 	Title : Marketing Research and Advertising in the Construction Sector Resource ID : ELO1338610 Resource Type : Lesson plan Creator Name : Driscoll, Brandon; Plumb, Doug Creator's School Board/Organization : Greater Essex County District School Board Uploaded Date : 2010-10-07

SHSM Sector	CLA Course Code	CLA Description	CLA Details
Energy 	SVN3MI	<ul style="list-style-type: none"> Students will use web-based resources to explore how energy is generated in Ontario and in Canada Students will use web-based resources to explore household energy use, and identify how homeowners can use Smartmeter technology to save on energy bills Using real-world utility bills, students will evaluate decisions about home energy from both cost and environmental considerations Students will evaluate consumer decisions with respect to transportation energy use 	Title: The Energy-Conscious Consumer: Making Decisions Resource ID : ELO1373390 Resource Type : Lesson Plan Creator Name : Gomm, Alison Creator's School Board/Organization : Rainbow District School Board Uploaded Date : 2011-04-13
Environment 	MAP4CI	<ul style="list-style-type: none"> Students will have the opportunity to apply trigonometry to find the height of tall objects like trees using shadows Once they construct their own clinometers, students determine the height of trees on both even and sloped surfaces 	Title : Applying Trigonometry in Forestry and Other Careers Resource ID : ELO1425450 Resource Type : Project Creator Name : Smith, Ryan Creator's School Board/Organization : Trillium Lakelands District School Board Uploaded Date : 2012-08-14
Health & Wellness 	HRT3MI	<ul style="list-style-type: none"> As part of a study on fasting in HRT3MI, students completing this CLA for the Health and Wellness Sector will concentrate on the spiritual and physical benefits of fasting for religious purposes as well as the potential dangers of fasting to one's health if done improperly Students will write a short research report and orally present their findings to the class 	Title : Fasting and Your Health Resource ID : ELO1373120 Resource Type : Lesson plan Creator Name : Doyle, Janet Creator's School Board/Organization : St. Clair Catholic District School Board Uploaded Date : 2011-04-11

SHSM Sector	CLA Course Code	CLA Description	CLA Details
Hospitality & Tourism 	BOH4MI	<ul style="list-style-type: none"> This CLA is intended for SHSM Hospitality and Tourism students taking BOH4MI Students will explore sustainable tourism and what an organization must do to achieve it A tourism organization can practice sustainable tourism by achieving competitive advantage which is essential if the organization is to continue to be successful in a very competitive, complex and continuously changing environment 	Title: An Organization's Environment and Competitive Advantage and Sustainable Tourism Resource ID : ELO1423150 Resource Type : Project Creator Name : Lee, Ruby Creator's School Board/Organization : Toronto District School Board Uploaded Date : 2012-08-08
Information & Communication Technology 	AVI3MI	<ul style="list-style-type: none"> This CLA is intended for SHSM ICT students taking AVI3MI Students will investigate photography as a career through interviewing professional local photographers and documenting their experience while reflecting on the relevance of this to their own future goals 	Title : Photography: A Day in the Life of a Professional Photographer Resource ID : ELO1424740 Resource Type : Project Creator Names : McCarroll, Jeannie and Poulimenos, Caralynne Creator's School Board/Organization : Waterloo Catholic District School Board Uploaded Date : 2012-08-13
Justice & Community Safety 	ENG4CI	<ul style="list-style-type: none"> This Justice, Community Safety and Emergency Services CLA provides students with a cross-curricular approach of the ENG4CI English College Preparation course and the CLU3MI Canadian Law course Students will use the written play and film version (1957) of Twelve Angry Men and make comparisons They will use their processing skills to read, interpret and complete a test on several sections of the Police Exam Preparation Book and research/produce a magazine article from a variety of fields within the legal system 	Title : How Media Influences the Message: Public Perception of Reasonable Doubt Resource ID : ELO1379140 Resource Type : Lesson Creator Names : Cappelo, Jon; Armstrong , Christy; Shea, Kevin Creator's School Board/Organization : Ottawa-Carleton District School Board Uploaded Date : 2011-05-25

SHSM Sector	CLA Course Code	CLA Description	CLA Details
Landscape & Horticulture 	SBI3CI	<ul style="list-style-type: none"> This CLA is intended for SHSM Horticulture and Landscaping students taking SBI3CI Students will be responsible for following a lab to investigate the effects of chemical compounds and physical factors on plant growth Students will also prepare a lab design to further investigate this topic 	Title : Plant Growth Investigation Resource ID : ELO1423430 Resource Type : Project Creator Name : Magazzeni, Marco; Galante, Ivana Creator's School Board/Organization : Niagara Catholic District School Board Uploaded Date : 2012-08-08
Manufacturing 	SPH4CI	<ul style="list-style-type: none"> Students are required to apply their knowledge of forces and mechanical advantage to the use of pulleys A research component is also included where students research where pulleys are used in the manufacturing sector Finally, students will be required to construct a simple device that uses a pulley or set of pulleys 	Title : Pulleys in Manufacturing Resource ID : ELO1424200 Resource Type : Project Creator Name : Rivard, Mark Creator's School Board/Organization : St Clair Catholic District School Board Uploaded Date : 2012-08-13
Sports 	HSP3MI	<ul style="list-style-type: none"> When you think of an athlete's health most people probably first think about their physical/medical condition and what effect the injury will have on athletic performance An athlete's mental health might be viewed as secondary to physical health but it is just as important This CLA will explore mental health issues associated with athletes and the stigma attached to it 	Title: Mental Illness and Athletes Resource ID : ELO1425040 Resource Type : Project Creator Name : Hodowanski, Val Creator's School Board/Organization : Durham District School Board Uploaded Date : 2012-08-14

SHSM Sector	CLA Course Code	CLA Description	CLA Details
Transportation 	OLC4OI	<ul style="list-style-type: none"> • The focus of this CLA is reading and producing informational texts relating to transportation • In keeping with the course expectations that students should read from texts on a range of topics, this CLA is designed to be used for all students in a class not just SHSM students • Students considering a career in the transportation industry need to be aware of some of the issues facing the industry such as environmental and resource constraints as well as technological advances 	Title: Transportation Issues in the Future Resource ID : ELO1425120 Resource Type : Project Creator Name : Debues, Jennifer Creator's School Board/Organization : Trillium Lakelands District School Board Uploaded Date : 2012-08-14

WCDSB's High Skills Website



Description

The site provides an overview of the SHSM program, the majors offered at each school, a list of required courses and certifications offered for each major and links to contextualized instruction resources for teachers on the OERB and Business and Education Partnership websites.

How to Use This Resource

1. Go to the WCDSB's [SHSM](http://www.highskills.ca) website (www.highskills.ca)
2. Select "Teacher Info"

Home | SHSM Explained | Trips & Training | Links | Partners | Contacts | Teacher Info

SHSM Expands!
ROGERS newsmakers

Majors In Each School

Arts and Culture

Business

Construction

Energy

Environment

Health and Wellness

Horticulture & Landscaping

Hospitality & Tourism

Information-Communication

Justice & Community Safety

Manufacturing

Sports

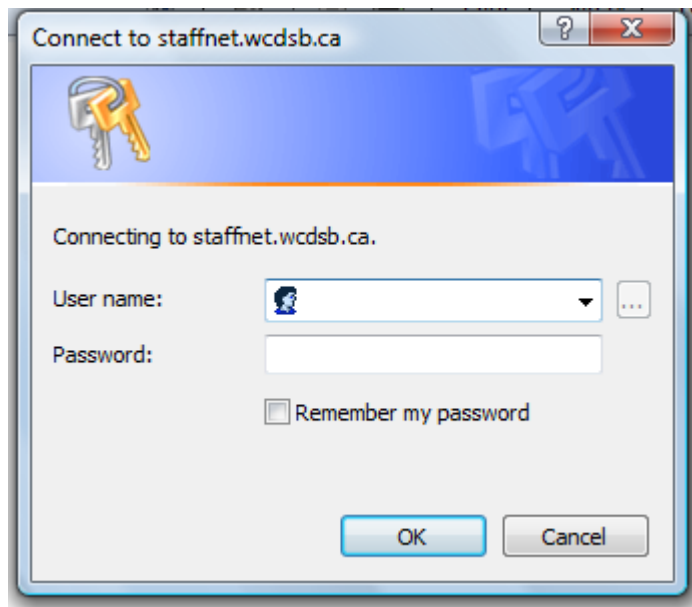
Focus Your Education Toward The Future

The **Specialist High Skills Major** (SHSM) encourages you to focus your secondary school education toward a career area of your choice.

No matter whether you plan to go to work, apprenticeship, or college/university you can earn a SHSM. The SHSM symbol on your diploma lets employers and post secondary education know that you have knowledge, skills, and industry-recognized qualifications related to a particular career field.

[SHSM Graduate Success Story](#)


3. You will be asked to log in to StaffNet



4. Select “Contextualized Instruction for SHSM Students”



5. This will load a page with links to the OERB and the Business & Education Partnership websites.

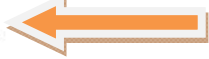


StaffNet

Home Corporate Services Facility Services HR Services IT Services Offices Program Services

Contextualized Instruction For SHSM Students


Contextualized Instruction

The **Ontario Educational Resource Bank** provides CLA packages created by teachers across the province. Click here to print an instruction page. 

(User Id: WCDSBteacher Password: oerbt)

How the Business and Education Partnership can help:

- Arts and Culture (ART)
- Business (BSN)
- Construction (CTR)
- Energy (ENG)
- Environment (ENV)
- Health & Wellness (HLW)
- Hospitality & Tourism (HST)
- Information Communications Technology (ICT)
- Justice and Community Service (CSE)
- Landscaping and Horticulture (HCL)
- Manufacturing (MNF)
- Sports (SPT)
- Transportation (TRS)

Book speakers for your classroom. Speaker's Bureau: 

Appendix B

SHSM Courses and Their Related Majors

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

AMI3M	<i>Information and Communications Technology</i>
AMU3M	<i>Information and Communications Technology</i>
ASM3O	<i>Information and Communications Technology</i>
AVI3M	<i>Information and Communications Technology</i>
AVI4M	<i>Information and Communications Technology</i>
AWD3M	<i>Information and Communications Technology</i>
AWQ3M	<i>Information and Communications Technology</i>
AWQ4M	<i>Information and Communications Technology</i>
BAF3M	<i>Arts and Culture</i> <i>Construction</i> <i>Hospitality and Tourism</i> <i>Information and Communications Technology</i> <i>Sports</i> <i>Transportation</i>
BAI3E	<i>Construction</i> <i>Hospitality and Tourism</i>
BAT4M	<i>Construction</i> <i>Horticulture and Landscaping</i> <i>Hospitality and Tourism</i> <i>Sports</i> <i>Transportation</i>
BBB4M	<i>Arts and Culture</i> <i>Construction</i> <i>Hospitality and Tourism</i> <i>Sports</i> <i>Transportation</i>

If you are teaching this:

BDI3C

You may be asked to provide contextualized instruction to students with this SHSM Major:

Arts and Culture

Construction

Energy

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Sports

Transportation

BMI3C

Arts and Culture

Construction

Energy

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Sports

Transportation

BMX3E

Arts and Culture

Construction

Energy

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Transportation

BOG4E

Arts and Culture

Construction

Energy

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Sports

Transportation

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

BOH4M

Arts and Culture
Construction
Energy
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Sports
Transportation

BTA3O

Arts and Culture
Construction
Energy
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Sports
Transportation

BTX4C

Construction
Hospitality and Tourism
Sports

CGF3M

Energy

CGG3O

Arts and Culture
Energy

CGR4E

Arts and Culture

CGR4M

Energy

CGW4U

Arts and Culture
Energy

CHA3U

Arts and Culture
Energy

CHI4U

Arts and Culture

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

CHM4E

Energy

CHW3M

Arts and Culture

CHY4U

Arts and Culture

CIA4U

Arts and Culture

CLN4U

Sports

CLU3E

Arts and Culture

Energy

CLU3M

Arts and Culture

Energy

Sports

EMS3O

Information and Communications Technology

ENG3C

Business

Construction

Environment

Horticulture and Landscaping

Hospitality and Tourism

Manufacturing

Transportation

ENG3E

Business

Construction

Environment

Horticulture and Landscaping

Hospitality and Tourism

Manufacturing

Transportation

ENG3U

Business

Construction

Environment

Horticulture and Landscaping

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

ENG3U

Hospitality and Tourism

Manufacturing

Transportation

ENG4C

Arts and Culture

Business

Construction

Energy

Environment

Health and Wellness

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

Manufacturing

Sports

Transportation

ENG4E

Arts and Culture

Business

Construction

Energy

Environment

Health and Wellness

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

Manufacturing

Sports

Transportation

ENG4U

Arts and Culture

Business

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

ENG4U

Construction

Energy

Environment

Health and Wellness

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

Manufacturing

Sports

Transportation

HHS4M

Health and Wellness

HPC3O

Health and Wellness

HRF3O

Health and Wellness

Sports

HRT3M

Health and Wellness

Sports

HSB4M

Health and Wellness

Sports

HSP3M

Health and Wellness

Sports

HZT4U

Health and Wellness

ICE4M

Information and Communications Technology

MAP4C

Business

Construction

Health and Wellness

Horticulture and Landscaping

Hospitality and Tourism

Manufacturing

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

MAP4C

Transportation

MBF3C

Business

Construction

Energy

Environment

Health and Wellness

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

Manufacturing

Sports

Transportation

MCF3M

Business

Construction

Energy

Environment

Health and Wellness

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

Manufacturing

Sports

Transportation

MCR3U

Business

Construction

Energy

Environment

Health and Wellness

Hospitality and Tourism

Information and Communications Technology

Justice, Community Safety and Emergency Services

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

MCR3U

Manufacturing
Sports
Transportation

MCT4C

Business
Construction
Horticulture and Landscaping
Hospitality and Tourism
Manufacturing
Transportation

MCV4U

Business
Construction
Horticulture and Landscaping
Manufacturing
Transportation

MDM4U

Business
Construction
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Manufacturing
Transportation

MEL3E

Business
Construction
Energy
Environment
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Justice, Community Safety and Emergency Services
Manufacturing

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

MEL3E

Sports
Transportation

MEL4E

Construction

MHF4U

Business
Construction
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Manufacturing
Transportation

NDW4M

Arts and Culture

OLC3O

Construction
Hospitality and Tourism
Manufacturing
Transportation

OLC4O

Arts and Culture
Construction
Health and Wellness
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Transportation

SBI3C

Construction
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Sports
Transportation

SBI3U

Construction

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

SBI3U

Energy
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Transportation

SBI4U

Construction
Horticulture and Landscaping
Sports

SCH3U

Construction
Energy
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Sports
Transportation

SCH4C

Construction
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Sports
Transportation

SCH4U

Construction
Health and Wellness
Hospitality and Tourism
Information and Communications Technology
Manufacturing

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

SCH4U

Sports

SES4U

Construction

Health and Wellness

Hospitality and Tourism

Information and Communications Technology

Transportation

SNC3E

Construction

Health and Wellness

Hospitality and Tourism

Manufacturing

Transportation

SNC3M

Construction

Health and Wellness

Hospitality and Tourism

Manufacturing

Transportation

SNC4E

Construction

Energy

Health and Wellness

Horticulture and Landscaping

Hospitality and Tourism

Information and Communications Technology

Sports

Transportation

SPH3U

Construction

Energy

Hospitality and Tourism

Information and Communications Technology

Manufacturing

Sports

Transportation

If you are teaching this:

You may be asked to provide contextualized instruction to students with this SHSM Major:

SPH4C

Construction
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Sports
Transportation

SPH4U

Construction
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Transportation

SVN3E

Construction
Energy
Health and Wellness
Horticulture and Landscaping
Hospitality and Tourism
Information and Communications Technology
Manufacturing
Sports
Transportation

SVN3M

Construction
Hospitality and Tourism
Manufacturing
Transportation

TDM3M

Construction