



Weekly Update for August 28, 2020/ Mise à Jour Hebdomadaire du 28 août 2020



Engineering Collaboration for Online and Remote Education

From our initial survey right through to our most recent community check ins, **the urgent need** for engineering instructor **resources** has been a recurring theme. This week's new Directory feature (details below) is another way that E-CORE is **working to meet this vital request**.

Event Registration reminders:

- **[Student Experience]** [Building Resilience Through Mindfulness - A Primer for Engineering](#) - Mon. Aug. 31st, 12:30-2 pm EDT
- **[Student Experience]** [Supporting Student Mental Health In The Virtual Classroom](#) - Thurs. Sept. 3rd, Noon - 1:30 pm CDT

E-CORE Highlight: NEW Resource Sharing Feature:

[The E-CORE Directory](#) now has a **Resource Sharing Feature**. With strong participation this has the potential to be a tremendous peer to peer support, as it will not only **give you access** to resource recommendations from **instructors at multiple institutions**, but also allow you to **follow up directly** with the instructor making that recommendation.

To get started, access your membership profile (sign-in [here](#)) and input links and titles that you have found useful in the new "Course Resources" field: **our test users** reported that **it took less than 10 minutes** to share their initial set of recommendations! As you can see in the examples below, the suggested resources then appear as part of search results:

Name	Course Information	Course Resources
Agnes d'Entremont University of British Columbia Associate Professor of Teaching, Mech 2 Co-coordinator	Second-year mechanics Second-year design Fourth-year biomechanics technical electives Elective course about engineering for non-engineering students Design, Technical - adv, Technical - intro 2, 4	WeBWorK auto-graded online homework problems (Dynamics, Biomechanics) https://www.oercommons.org/courses/dynamics-webwork-problems , https://www.oercommons.org/courses/biomechanics-webwork-problems Course notes (Dynamics): skeleton notes for rigid body dynamics. https://www.oercommons.org/courses/dynamics-course-notes Online textbook (Statics and Dynamics): a bit of a work-in-progress for the dynamics content, but a good resource with video solutions. https://www.oercommons.org/courses/mechanics-map-open-mechanics-textbook Open pedagogy textbook (Injury Biomechanics): a work-in-progress - this will be a class project for my class this year. https://wiki.ubc.ca/Fundamentals_of_Injury_Biomechanics PhET simulations (Statics and Dynamics): I've posted these for students to get some reviews of the basics, and to visualize concepts like the exchange of potential and kinetic energy. https://phet.colorado.edu/en/simulations/filter?subjects=physics&sort=alpha&view=grid
Peter Ostafichuk University of British Columbia Professor of Teaching, Chair of First Year Engineering	First year introduction to engineering Third year mechanical design Grad control and manoeuvring of marine vehicles Design, Technical - adv, Technical - intro 1, 3, Graduate	* THE ENGINEERING DESIGN PROCESS - An Introduction for Mechanical Engineers, 3rd Ed., (textbook, https://bit.ly/ostafichuk) * REMOTE ASSESSMENT GUIDEBOOK, (website, https://bit.ly/assessment-guidebook) * TRANSITIONING TO UNIVERSITY LEARNING (video series, https://bit.ly/UniversityLearning)
Jonathan Verrett University of British Columbia Assistant Professor of Teaching	First year Introduction to Engineering Design Second year Introduction to Chemical Engineering Design Second year Physical Chemistry Third year Process Flowsheeting Fourth year Chemical Engineering Capstone Design Capstone, Design, Technical - adv, Technical - intro 1, 2, 3, 4	Course notes (second-year Chemical Engineering Design) - https://pressbooks.bccampus.ca/chbe220/ LearnChemE features a number of videos and interactive simulations I use in my classes, it hosts content from many major topics in chemical engineering - http://www.learncheme.com/ Computer Aids in Chemical Engineering (CACHe) points to a number of useful resources on a variety of topics - https://cache.org/teaching-resources-center

Please consider **encouraging your colleagues to contribute** to this peer recommendations pool as well. It could well become a go-to **resource for instructors across the country**, built on 10 minute investment at a time. As with all E-CORE features, we will continue to evolve things in response to user feedback, so be sure to check back regularly to see how it grows.

Of course, you do need an E-CORE Profile in order to view the Directory and utilize this new feature. Don't have one yet? Select "E-CORE Profile" on [this signup page](#).

Happy Resource Hunting!

...E-CORE Fall Term kick off announcements coming next week!



Depuis notre sondage initial jusqu'à nos plus récents *check-in* auprès de la communauté, le **besoin urgent de ressources** pour instructeurs d'ingénierie s'est avéré un thème récurrent. La nouvelle fonctionnalité du Répertoire ajoutée cette semaine (détails ci-dessous) est une autre façon dont **CIEL travaille pour répondre à cette demande cruciale**.

Rappels d'inscription aux événements:

- **[Expérience Étudiante]** [Building Resilience Through Mindfulness - A Primer for Engineering](#) : lundi 31 août de 12 h 30 à 14 h HAE
- **[Expérience Étudiante]** [Supporting Student Mental Health In The Virtual Classroom](#) : jeudi 3 septembre de 12 h à 13 30 h HAE

Point Important : NOUVELLE fonctionnalité de partage de ressources :

[Le Répertoire CIEL](#) dispose désormais **d'une Fonction de Partage de Ressources**. Jumelée à un taux de participation élevé, cette fonction a le potentiel d'être une source formidable de soutien entre pairs. Cela vous donnera non seulement accès à des recommandations de ressources de la part d'instructeurs de plusieurs établissements, mais vous permettra également de faire un suivi directement avec l'instructeur faisant cette suggestion.

Pour commencer, accédez à votre profil d'adhésion (connectez-vous [ici](#)) et saisissez les liens et les titres que vous avez trouvés utiles dans le nouveau champ "Ressources du cours". **Nos usagers de test ont signalé qu'il leur a fallu moins de 10 minutes** pour arriver à partager leur premier ensemble de recommandations! Comme vous pouvez le constater dans les exemples ci-dessous, les ressources suggérées apparaissent alors dans les résultats de la recherche.

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Encouragez vos collègues à contribuer à ce bassin de recommandations par les pairs. Il pourrait bien devenir une ressource incontournable pour les instructeurs de partout au pays, à coups de courtes périodes de 10 minutes. Comme nous le faisons pour toutes les fonctionnalités de CIEL, nous continuerons à améliorer cette nouvelle fonctionnalité selon les commentaires rédigés par les utilisateurs. **Assurez-vous donc de revenir régulièrement** pour découvrir comment elle évoluera.

Bien entendu, vous avez besoin d'un profil E-CORE pour afficher le répertoire et utiliser cette nouvelle fonctionnalité. Vous n'en avez pas encore? Sélectionnez «Profil CIEL» [sur cette page d'inscription](#).

Bonne chasse aux ressources!

... des annonces à propos de la session d'automne de CIEL se feront à partir de la semaine prochaine!