

**Integrating the Teaching and Learning of Mathematics & Technological Education for the Highly Skilled Workforce**

**Proposal Application Form**

The Ministry of Education invites school-based teams of mathematics and technological education teachers to propose the development of courses consistent with the objective above beginning during the summer of 2017 and into the 2017-18 school year. It is expected that the integrated course content will continue to be developed and adjusted through the school year.

**1. Tips for reviewing**

**Reviewing the following questions may help you increase your chances of a successful application:**

* Does the proposal clearly state and support an integrated approach for teaching of the mathematics and technological education curriculum to deepen student learning and engagement?
* Does the project proposal and plan (Section 3) consider a number of learning opportunities to develop integrated, industry and/or workforce applications and connections?

**2. Ready to submit?**

* Please send the completed form in its **original Word formatting** (i.e. not a scanned document) to the team at the Ministry of Education at **TechnoMathHSW-MHQ@ontario.ca** as an attachment to an email. The team can also be contacted at this email if you encounter any difficulties using the form.
* Remember to send **a signed copy** of the Proposal Application Form to the Supervisory Officer of the school or school authority.

**Questions or comments? Contact us at** **TechnoMathHSW-MHQ@ontario.ca****!**

**Resources:**

* You may wish to visit the websites below for helpful resources and background for applicants:

	+ A Renewed Math Strategy for Ontario: <http://www.edu.gov.on.ca/eng/policyfunding/memos/april2016/min_math_strategy.html>
	+ Building the Workforce of Tomorrow – A Shared Responsibility: <https://www.ontario.ca/page/building-workforce-tomorrow-shared-responsibility>
	+ The Ontario Curriculum for Mathematics

http://www.edu.gov.on.ca/eng/curriculum/secondary/math910curr.pdf

* + The Ontario Curriculum for Technological Education http://www.edu.gov.on.ca/eng/curriculum/secondary/teched910curr09.pdf
	+ Student Success – Ministry of Education: <http://www.edu.gov.on.ca/studentsuccess/>
	+ Provincial Subject Associations:
		- Association Francophone pour l’Enseignement des Mathématiques en Ontario: <http://afemo.on.ca>
		- Ontario Association for Mathematics Education: <http://www.oame.on.ca>
		- Ontario Council for Technology Education: <http://www.octe.ca>
		- Ontario Mathematics Coordinators Association: <http://omca.website>
		- Ontario School Counsellors’ Association/ Association des conseillères et des conseillers d'orientation scolaire de l'Ontario: <https://www.osca.ca/about-us/osca/welcome.html>

 **Integrating the Teaching and Learning of Mathematics & Technological Education for the Highly Skilled Workforce**

**Proposal Application Form**

**Deadline for submission: May 4, 2017**

Please submit a signed copy of this proposal to TechnoMathHSW-MHQ@ontario.ca ,
copied to your Principal and Supervisory Officer.

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| **Section 1: Applicant Information:** |
| **Teacher #1- Name:** | **Teacher #1 - Current Teaching Assignment:** |
| **Teacher #1 - OCT Number:** | **Teacher #1 - Teaching Qualifications:**  |
| **Work Phone Number:**      | **Work Email Address:**      | **Alternative Email Address:** |
| **Teacher #2- Name:** | **Teacher #2 - Current Teaching Assignment:** |
| **Teacher #2 - OCT Number:** | **Teacher #2 - Teaching Qualifications:** |
| **Work Phone Number:**      | **Work Email Address:**      | **Alternative Email Address:** |

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| **Section 2: School Information:** |
| **School Name:** | **School Board:** |
| **Address:** | **City, Postal Code** |
| **Principal Name:**      | **Principal Email:** |
| **Supervisory Officer Name:** | **Supervisory Officer Email:** |

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| **Additional Group Members’ Information:** |
| **Name** | **Position/Assignment (e.g. teacher, teacher librarian, Special Education Resource teacher, educational assistant, etc.)** | **Work Email** |
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| **Section 3: Project Proposal** |
| **Please choose the courses of integration by placing an “X” in the blank box to the right of the course code.** |
| **Mathematics:** **MFM 1P - Foundations of Mathematics [ ]****MFM 2P - Foundations of Mathematics [ ]** **Grade 9 & 10 Mathematics Curriculum Document**[**http://www.edu.gov.on.ca/eng/curriculum/secondary/math910curr.pdf**](http://www.edu.gov.on.ca/eng/curriculum/secondary/math910curr.pdf) | **Technological Education:****TIJ 1O - Exploring Technologies [ ]****TGJ 2O - Communications Technology [ ]****TEJ 2O – Computer Technology [ ]****TCJ 2O – Construction Technology [ ]** **THJ 2O – Green Industries [ ]****TXJ 2O – Hairstyling and Aesthetics [ ]****TPJ 2O – Health Care [ ]****TFJ 2O – Hospitality and Tourism [ ]****TMJ 2O – Manufacturing Technology [ ]****TDJ 2O – Technological Design [ ]****TTJ 2O – Transportation Technology [ ]****If two technological education courses are being used and delivered as 0.5 credits, indicate which two Board-Based Technologies (BBTs) courses are being combined and/or emphasis courses.** **Grade 9 & 10 Technological Education Curriculum Document**  [**http://www.edu.gov.on.ca/eng/curriculum/secondary/teched910curr09.pdf**](http://www.edu.gov.on.ca/eng/curriculum/secondary/teched910curr09.pdf) |

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| **Please describe your experience integrating the teaching and learning of multiple courses, subjects or content areas:** |
| **Please describe your experience collaborating with others professionally in your school and with community partners:** |
| **Please describe some possible areas of integration of, or possible learning opportunities integrating, the mathematics and technological education curriculum:** |
| **Please describe some possible forms of integrated assessment and evaluation of the mathematics and technological education curriculum:** |
| **Please provide a brief summary of your project plan including the term/semester (if applicable) of integration and possible community connections (point form is acceptable):** |

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| **Section 4: Declarations**  |
| Applicant(s): should this proposal be successful, I (we) declare that I (we) will carry out the project as described in the timelines that are outlined. I (we) will ensure that the activities and materials produced do not infringe of any third party intellectual property or copy right.  |
| **Applicant Names** | **Signature** | **Date** |
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**Guidance Department Head: I am aware and supportive of this proposal, including necessary student timetabling considerations.**

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| **Guidance Department Head Name:** | **Guidance Department Head Email:** | **Signature**  | **Date** |
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**Principal: I am aware and supportive of this proposal, including a commitment to staffing the listed teachers as necessary and honouring all program components as outlined in the project information package and above application.**

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| **Principal Name** | **Principal Email Address** | **Signature**  | **Date** |
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