

## **NEW MINOR: DIGITAL MEDIA**

### ***Faculty of Science, University of Ontario Institute of Technology***

**Rationale:** This minor is designed for (but not limited to) non-Science students who may want to increase their knowledge of Digital Media – an increasingly important area in many different disciplines. We believe that, as many traditional forms of media become digital, it is important that our students have an opportunity to gain knowledge and experience in this area.

**Academic opportunities:** The purpose of the minor is to provide an introduction to the fundamentals of Digital Media with insight into how it may be applied to a variety of different areas. Topics covered in this minor include:

- The influence of computers on modern media
- The different forms of media including sound, image, video, text and graphics
- The representation and processing of media in a digital form
- Traditional narrative theory in the context of interactive media
- The design and production of media delivered over the Internet
- The computer-based techniques and tools used in media capture and editing

**Consultation with other faculties:**

- This proposal has been sent to Dr. Andrew Hogue and Dr. Bill Kapralos in the Game Development & Entrepreneurship program in the Faculty of Business and IT. Dr. Hogue and Dr. Kapralos both have expertise in the area of Digital Media.
- This proposal has been sent to Dr. Ganaele Langlois and Dr. Teresa Pierce from the Communication program in the Faculty of Social Science and Humanities. Dr. Langlois and Dr. Pierce both have expertise in Digital Media and their students in the Digital Media Specialization of the Communication program already take many of the minor subject courses.

**General requirements:** A student must take the following 18 credit hours in courses with the designation CSCI. None of the credit hours may be required by the student's major program of study. A cumulative GPA of at least 2.0 in the minor subject courses is required to successfully complete the Digital Media minor program.

*Course requirements:*

- CSCI 1040U – Introduction to Computer Science with Python
- CSCI 1200U – Computers and Media
- CSCI 2160U – Digital Media
- CSCI 2200U – Narrative Structure in the Digital Age
- CSCI 3210U – Internet Based Media
- CSCI 3220U – Digital Media Production

**Analysis of the financial Implications:** The Digital Media minor requires no new courses and therefore should have almost no associated costs. Furthermore, the Faculty of Science already has the faculty members with the expertise to teach these courses on a continuing basis.

**Analysis of the enrolment Implications:** This minor will increase the enrolment in the minor subject courses (all of which are already offered as part of the Digital Media Specialization in Computing Science or the Digital Media Specialization in Communication).

**Proposed calendar copy:**

**14.13.3 Digital Media minor**

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