Production Specialist for Physics Education Content

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Position covered by the Collective Agreement with USW Local 4120

Production Specialist for Physics Education Content

Department of Physics, College of Engineering and Physical Sciences

Hiring #: 2020-0229

Please read the [Application Instructions](https://www.uoguelph.ca/hr) before applying

Reporting to the Chair of the Department of Physics, the successful candidate will be actively engaged in the production of content for a wide variety of courses offered by the Physics Department, from the 1st year service courses to graduate-level courses. This includes, but not limited to: interacting with course instructors to develop content for alternative delivery of course material; developing digital content for specialized physics courses, including demonstrations of key concepts; developing supplemental material for digital delivery of advanced physics courses; working with instructors to optimise alternative delivery plans and methodologies; recording, editing, and post-production of video lectures. In addition, the incumbent will develop, manage, post, update, organize, and mobilize/disseminate information regularly through web and social media platforms targeted to schools, students, parents, and the broader community to promote the benefits of Science education focusing on the field of Physics. In parallel, they will actively recruit for the University of Guelph Physics and Nanoscience programs on various online platforms and at organized events.

As the candidate will be responsible for the creation of inhouse educational materials and resources, advanced education in Physics and experience as an Instructor is highly desirable.

Requirements of the Position include:

- Master’s Degree in Physics plus 2 years of related experience, or an equivalent combination of education and experience
- Teaching experience in large first year class environments
- Teaching experience in Distance Education courses (or equivalent)
- Demonstrated excellence in the production of Physics education material, especially in a digital format, as evidenced in a portfolio, including the generation of supplemental instructional video libraries showcasing in-class lecture demonstrations (‘demos’)
- Experience in the design, set-up, and execution of demonstrations of Physics concepts for the broader community for the purpose of outreach and recruitment
- High proficiency in written communication for the generation and editing of Study Guides and promotional literature items for the department.
- Experience in writing, layout, editing and production experience in physics education books/materials/study guides
- Experience with multiple social media platforms (Instagram, YouTube, Facebook)
- Experience in filming, editing, scripting and featuring in educational videos, both lightboard and live demonstrations
- Experience presenting physics-based education and demonstrations
- Experience in writing press releases and promotional copy
- Experience presenting and disseminating science education materials both in writing and on camera
- High discipline-specific knowledge level to enable interaction with instructors when developing course content
This appointment is regularly performed on-campus but will be initially fulfilled remotely (off-campus) until the University resumes its regular operations.

Position Number: 285-094  
Classification: USW, Local 4120 Salary Band 7*  
Salary Range: $29.20 Minimum (Level 1)  
$32.59 Normal Hiring Limit (Level 3)  
$39.46 Job Rate (Level 7)

*Tentative evaluation; subject to committee review.

At the University of Guelph, fostering a culture of inclusion [2] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

Posting Date: 2020 09 09  
Closing Date: 2020 09 16

Keywords: current [3]  
opportunity [4]

Source URL: https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/production-specialist-physics-education-content

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