

IPA17-153 The Relationship between Investigations in the Physics 30 Program of Studies and the Diploma Examination, Developing Formative Assessment for Physics 20 & 30 and Helping Your Students Reach the Standard of Excellence in Physics 20 & 30



PRESENTED BY

Jeff Goldie And Laura Pankratz



SERIES SESSIONS

Date	Time
March 20, 2017	9:30 AM - 3:00 PM



LOCATION

St. Paul Regional High School-Room 230 - 4701
- 44 Street

FEE

\$35.00

QUESTIONS?

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780-623-2248

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Learning Opportunity

The Relationship between Investigations in the Physics 30 Program of Studies and the Diploma Examination

This session will explore how skills mandated by the program of studies in both Physics 20 and Physics 30 can be assessed on a paper-and-pencil examination. This session will include a hands-on activity and related diploma style questions.

Developing Formative Assessment for Physics 20 & 30

This session will explore the use of written-response questions for formative assessment to assist students in experience success in learning the higher cognitive content mandated in the Physics 20-30 Program of Study.

Helping Your Students Reach the Standard of Excellence in Physics 20 & 30

This session will explore the use of written-response or project based prompts for formative assessment to assist students in experience success in learning the higher cognitive content mandated in the Physics 20–30 Program of Study. Items for both Physics 20 and Physics 30 will be presented. Participants should bring a calculator, a copy of the Physics 20–30, 2007, Program of Studies, and a willingness to try something new.

This learning opportunity is being provided through a grant from Alberta Education.

Presenters

Jeff Goldie And Laura Pankratz

Jeff Goldie has been a high school teacher for more than 3 decades, helping students deepen their understanding of science at the high school level. He has received numerous national and provincial teaching awards. Jeff is currently finishing his secondment with Alberta Education as the Physics 30 Examiner. He enjoys working with teachers and exploring alternate ways of working with students.

Laura Pankratz has been actively involved in presenting physics teaching PD for many years. Her goal is to have all students achieve to their potential, and has had success in working with teachers to help their students be successful. Laura has been the Physics 30 Examination Manager with Alberta Education for more than 15 years and taught all the sciences in 9–12 before that. Based on information gained from provincial data, Laura is able to provide insights in the misconceptions students actually hold, and then share learning situations to help teachers help student excel.
