

Master Physics Teacher Certificate

Department of Physics, Southern Methodist University

Science teachers seeking
physics content training

New teachers seeking
classroom ideas & resources

Physics teachers seeking
deeper subject knowledge

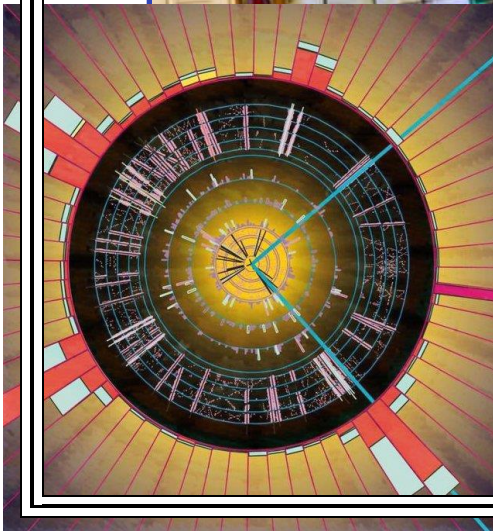
Mechanics

Electromagnetism

Modern Physics



SMU



SMU Physics department offers 4 physics content and subject-specific pedagogy modules, taught tuition-free by expert instructors, aimed at professional development of science educators who are teaching physics out-of-subject. Modules on Mechanics and on Electromagnetism are algebra-based modeling workshops for high school teachers. The Module on Conceptual Modern Physics for both middle and high school teachers. The capstone “QuarkNet” module is focused on enquiry-based learning. Each module (except QuarkNet) may be taken as a stand-alone and successful completion of all four leads to the Master Physics Teacher Certificate endorsed by the SMU Simmons School of Education.

Find out more at <http://www.smu.edu/Dedman/Academics/Programs/masterphysicsteachercertificate>

Modules coming up in 2019

June 10-28, M-F, 9am-4pm

ELECTROMAGNETISM modelling

Lead Instructor: Michael Haskins
\$100 materials fee

July 8-19, M-F, 1pm - 5pm

CONCEPTUAL MODERN PHYSICS

Lead Instructor: Dr. Simon Dalley (SMU)
\$100 materials fee

July 29-31, M-W, 9am - 5pm

QUARKNET

Lead Instructors: SMU faculty
\$100 materials fee. \$300 stipend

To find out if this is right for you, send a paragraph describing your science & teaching background to sdalley@smu.edu.
Each module has a \$100 materials fee but is tuition-free. QuarkNet pays a \$100/day stipend. Open to US residents only.