

COMET – Independent Study Courses (Pre-approved for CECs)

The COMET® Program is celebrating its 25th anniversary as a world-wide leader in support of education and training for the environmental sciences, delivering scientifically relevant and instructionally progressive products and services. The MetEd website, one of COMET's primary undertakings, hosts hundreds of hours of education and training material for the geosciences. MetEd is a free collection of hundreds of training resources intended for the geoscience community. COMET is made possible through sponsorship from NOAA, the World Meteorological Organization, U.S. Dept. of the Interior, and USACE just name a few. **Each of the following COMET courses have been pre-approved for CECs. To be eligible to obtain CECs for any of these courses, the CFM must provide proof of successful completion of the course and applicable quiz.**

NOTE: Courses are eligible for the CECs listed below if the course title, version date, and duration matches those listed below- any variation requires that the course be re-evaluated for credit before CECs can be given.

Course Title	Version Date	Duration	CECs Approved
An Introduction to Ensemble Streamflow Prediction	(Published 2007-01-30)	0.75 to 1 hour	1
Anticipating Hazardous Weather and Community Risk, 2nd Edition	(Published 2012-06-01)	8 to 9 hour	8
Climate Change and Sea Level Rise	(Published 2012-08-14)	0.25 to 0.50 hour	0.5
Climate & Water Resources Mgmt. Part 2: General Principles in Integrating Climate Change	(Published 2016-09-16)	0.25 to 0.50 hour	0.5
Coastal Climate Change	(Published 2011-05-31)	2 to 3 hour	2
Community Hurricane Preparedness, 2nd Edition	(Published 2010-05-20)	5 to 6 hour	5
Dams and Dam Failure – Module 1: Terminology and Open Channel Hydraulics	(Published 2008-03-19)	0.5 to 0.75 hour	0.5
Distributed Hydrologic Models for Flow Forecasts Part 1	(Published 2009-07-28)	0.5 to 0.75 hour	0.5
Distributed Hydrologic Models for Flow Forecasts Part 2	(Published 2010-09-28)	1 to 1.25 hour	1
Flash Flood Case Studies	(Published 2007-06-26)	0.75 to 1 hour	1
Flash Flood Processes	(Published 2006-11-08)	0.75 to 1 hour	1
Flood Forecasting Case Study: International Edition	(Published 2011-05-17)	1.5 to 2 hour	1.5
Flood Frequency Analysis	(Published 2006-10-10)	1 to 2 hour	1
Flood Frequency Analysis: The International Edition	(Published 2010-08-31)	1.25 to 1.5 hour	1
Forecasting Tropical Cyclone Storm Surge	(Published 2015-05-13)	0.50 to 0.75 hour	0.5
Introduction to Climate Models	(Published 2012-09-19)	1 to 1.25 hour	1
Introduction to Tropical Cyclone Storm Surge	(Published 2015-03-27)	0.50 to 0.75 hour	0.5
Introduction to Verification of Hydrologic Forecasts	(Published 2008-06-30)	1.5 to 2 hour	1.5
Preparing Hydro-climate Inputs for Climate Change in Water Resource Planning	(Published 2012-10-25)	4 to 5 hour	4
River Forecasting Case Study	(Published 2007-06-12)	1.5 to 2 hour	1.5
River Ice Processes	(Published 2006-11-10)	0.75 to 1 hour	1
Runoff Processes	(Published 2006-06-13)	2 to 2.5 hour	2
Runoff Processes – International Edition	(Published 2010-11-09)	1.5 to 2 hour	1.5
Sea Level Change: Datums & Terminology	(Published 2016-09-08)	.5 to .75 hour	.5
Storm Surge & Datums	(Published 2015-04-02)	0.5 to 0.75 hour	.5
Streamflow Routing	(Published 2006-03-17)	1.5 to 2 hour	1.5
Streamflow Routing – International Edition	(Published 2010-10-19)	1.25 to 1.5 hour	1
Techniques in Hydrologic Forecast Verification	(Published 2010-12-14)	1.5 to 2 hour	1.5
Tsunami Ready: Guidelines for Mitigation, Preparedness, & Response	(Published 2016-04-28)	1 to 1.25 hour	1
Understanding Heights and Vertical Datums	(Published 2015-03-31)	0.75 to 1 hour	1
Understanding the Hydrologic Cycle	(Published 2005-11-07)	1.5 to 2 hour	1.5
Understanding the Hydrologic Cycle – International Edition	(Published 2010-07-27)	1.5 to 2 hour	1.5
Unit Hydrograph Theory	(Published 2005-12-27)	1.5 to 2 hour	1.5
Unit Hydrograph Theory –International Edition	(Published 2010-07-27)	1.5 to 2 hour	1.5
Urban Flooding: It Can Happen in a Flash!	(Published 2001-05-24)	0.75 to 1 hour	1
Use of Probabilistic Surge Guidance in Local Storm Surge Forecasting	(Published 2015-07-20)	0.75 to 1 hour	1
Watersheds: Connecting Weather to the Environment	(Published 2006-08-30)	1.5 to 2 hour	1.5
Weather and the Built Environment	(Published 2008-02-22)	0.75 to 1 hour	1

Most COMET modules use JavaScript and Adobe® Flash® for navigation, animation, and/or presentation of multimedia elements. Ensure that you have a browser updated to its latest version with JavaScript enabled and the latest version of the Adobe FlashPlayer installed (<http://get.adobe.com/flashplayer/>). For technical support for this module please visit Registration and Support FAQs at https://www.met.ed.ucar.edu/resources_faq.php Please e-mail your comments or questions to Vickie Johnson (vjohnson@ucar.edu).