

Natural History In and Out of the Classroom with Rudy Mancke

ETV Teacher Recertification Course

Course Synopsis

Register Online: <http://www.scetv.org/teacher-recertification>

Cost: \$200.00 per participant (register and pay online)

Recertification: 60 Renewal Credits (NO graduate credit)

Course Dates: January 23 – April 29, 2017 (Required final meeting)

This recertification course for 60 renewal credits assists educators on all grade levels, in all subject areas with in integrating natural history into their curriculum. Learn about nature with Naturalist Rudy Mancke and see how you can take your students right out the door of your school to learn about the world around them! The course is structured around four components: *A Teacher Workshop* that explains what natural history is, why we should study it, and how to integrate it into the classroom; *A Field Study* that shows teachers how the school yard can be used as an outdoor classroom; *Show and Tell Nature Lessons* that provide an in-depth look at mountains to the sea, geology, skulls and bones, beach combing, fossils, insects, and snakes; and *NatureScene* programs are used as virtual fieldtrips to learn more about natural history. This course was produced by ITV with SCETV and is now facilitated by ETV Education.

Course Requirements (Read through all before beginning as assignments are connected!)

1. **Participants must view ALL of the course video lessons online in Moodle. View course video lessons in following sequence:** *An Overview of the Course, A Teacher Workshop, A Field Study, Show and Tell Nature Lessons*, five *NatureScene* programs.
2. **Assignment 1:** View Rudy's Overview, Teacher Workshop programs (3) and Field Study programs (3), and during this time also choose a well-known naturalist and write a 5-7 page report on him/her (double spaced/ size 11 font), plus bibliography. In report, include information on birth, family, discoveries, and impact of work on generations to follow. Bibliography should include at least 6 sources - books and Websites. (NOTE: Steve Irwin not accepted.) **Deadline: Complete viewing & post report by Feb. 23.**
3. **Assignment 2:** View *Show and Tell Nature* video lessons in each section and write a discussion topic response of @100 words for each topic. (Identify new information learned; how you would use this in your teaching.) While responding in the Moodle Discussion Forum, you are encouraged to read/respond to other participants' posts. **Deadline: Complete viewing & post in Moodle Discussion Forum by March 20.**
4. **Assignment 3:** Make sure you have viewed ALL video lessons as well as FIVE *NatureScene* programs. (To view *NatureScene* lessons in *StreamlineSC*, enter "Rudy Mancke" in search box. If you do not have a *StreamlineSC* account, contact Bette at bjamison@scetv.org.) Based on what you have learned through viewing ALL video lessons in the four components of this course (*A Teacher Workshop, A Field Study, Show and Tell Nature Lessons*, and *NatureScene* programs), create FOUR detailed lesson plans (one for each component) that would be useful in your classroom and that you can share with other educators. **Deadline: Post all lessons plans at one time in Moodle by April 24.** (See sample lesson plan components; directions for posting.)
5. **Assignment 4:** You should have already viewed FIVE *NatureScene* programs online in *StreamlineSC* to complete assignment 3. Now for each of these *NatureScene* programs create a list of the plants and animals mentioned in each program. (Be sure to put title of program at top of each list.) **Deadline: Post flora/fauna list in Moodle by April 27.**
6. **Attend REQUIRED final class meeting with Rudy Sat., April 29, 10am–12:30pm,** ETV Center, 1041 George Rogers Blvd., Columbia. Please bring a copy of your report on a Naturalist to meeting so you can share facts with group. Course evaluations/input form will be completed at meeting and certificates distributed.