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| **Table 5. ATEP Course and Module Development Time Line -- Revised September 15, 2011** |
| **Year I** 09/01/11-8/31/12 | **Year II**09/01/12-8/31/13 | **Year III** 09/01/13-8/31/14 | **Year IV**09/01/14-8/31/15 |
| **Fall (September to November)** |
| Team weekend retreat, Dallas, TX. Review and revise outlines for each Module. Identify existing CC curriculum for adaptation to HS level. HS and CC writers in three teams plan to develop Module A using ATEP template. Begin media development for module A (identification and design). Website and LMS designed. | Media team finished media for Module B. Cengage researches video for Module B. Website and LMS enhanced. ATEP presented at ATE Conference in DC (Oct. 2012). | Writers pilot test Module C and Media with their HS classes during the Fall, 2013 semester. Module C and Media revised. Teams begin development of teacher’s guide. Evaluators visit pilot teachers, convene focus groups of teachers and HS students. Formative feedback shared with writers. ATEP presented at ATE Conference in DC (Oct. 2013). | Full academic year field test of all “A” modules is conducted in 12 schools across the US. Ongoing support is provided throughout the field test. Teams write program guides for parents & administrators. ATEP presented at ATE Conference in DC (Oct. 2014). |
| **Winter (December to February)** |
| Finalize development of Module A with student activities and hints for teachers. Nine media for Module A developed. Cengage begins to research available video for module A. Advisory board reviews Module A materials. Website and LMS implemented. | Nine media for Module B completed. Writers pilot test Module B with Media with their HS classes beginning in Feb. 2013. Video for Module B obtained by Cengage. LMS is revised. Advisory Board reviews Mod. B. | Module D developed (Dec-Feb); Media for Module D begun. Evaluators visit field test classrooms, observe instruction, collect field test data. Development of teacher’s guide continues. Advisory Board reviews Modules C and D. Remaining artwork created or obtained in preparation for commercialization of the materials.  | Field testing of all “B” modules conducted. Field test of “C” modules begun. Writers and field test teachers conduct local workshops for colleagues. Website reviewed for accessibility compliance.  |
| **Spring (March to May)** |
| Writers pilot test Module A with Media with their HS classes during the spring 2012 semester. Evaluators visit pilot teachers, convene focus groups of teachers and HS students. Supporting video for Module A is obtained by Cengage. Cengage identifies ATEP liaison. Cengage finalizes design of CMS.  | Pilot test of Module B completed by March 30. Module B revised by May 31. Module B media revised; begin to develop nine media for Module C. Cengage researches availability of video for Module C. Evaluators visit pilot teachers, convene focus groups of teachers and HS students. Formative feedback shared with writers. Convene web-based meeting of Advisory Board (May). | Finish Module D media. Pilot test Module D (Mar-Apr); Teams revise Module D (in May) based on pilot test feedback. Continue to obtain art for commercialization of the materials. Convene web-based meeting of Advisory Board (May). Complete teacher’s guide.  | Field testing of all “C” and “D” Modules conducted. Modules are revised to reflect field test feedback. Writers and field test teachers conduct local workshops for colleagues. Website reviewed for accessibility compliance. National dissemination workshop held at the ITEEA conference; presentations made at ATE and CTE conferences.  |
| **Summer (June to August)** |
| Revise Module A and media based on pilot test feedback. Begin Module B and Module B media development. Y1 Annual report due June 15. Teams attend summer workshop (late July, 2012) to review and finalize modules A&B. LMS is updated. Publisher researches video for module B.  | Complete development of Module C and Media for Module C. Y2 Annual report due June 15. During three-day summer writing workshop, writers revise module C and prepare for Module C pilot test. Cengage obtains video for module C. Teams outline the teacher’s guide. | June: Teams prepare all materials for field testing. Final revisions made to all media. Y3 Annual report due June 15. Convene a three-day summer workshop to prepare field test teachers.  | Summative evaluation report prepared by evaluation team. Research reports are written. Final report prepared for the National Science Foundation (June 15). All modules are copyedited by publisher. Materials published by Delmar Learning.  |