



**SUNY
CORNING**

COMMUNITY COLLEGE
ACCELERATED COLLEGE EDUCATION

ACE Instructor Certifications

Updated: 6/2019

Instructor Approval, Provisional Certification, and Credential Requirements

Instructor Approval: A high school faculty member wishing to be certified to teach an ACE course should submit a “Faculty Credential Application” signed by his or her Principal or Superintendent along with a copy of any undergraduate- and graduate-level transcripts to the ACE Director. See the ACE website at www.corning-cc.edu/ace for the application.

Provisional Certification: An ACE instructor may be granted provisional approval for a specified period if he or she is in the process of completing coursework towards completing qualifications. The Academic Divisions may grant provisional approval to allow time to complete the necessary qualifications. These are **granted sparingly** to those who are very close to completing credential requirements and must be issued in writing by the Associate Dean of Instruction or Department Chair representing the appropriate Division. This document will state the requirements that must be met as well as a termination date by which the requirements must be completed. **A provisional may also be granted the first year of their ACE application and reviewed annually.**

Credential Requirements:

Minimum requirements are as follows: Master's of Education with significant coursework in the content area or with five years or more of high school teaching in the content area, with special consideration given for AP experience, corresponding IB experience, or concurrent enrollment certification through another college.

Optimal requirements would be as follows:

Accounting: B.S. in Accounting or B.S. in Business Administration with course work in Intermediate Accounting I and II

Art: M.F.A. or Master’s degree in Education with Art concentration (6-9 cr.)

Automotive Technology: NYS Teacher Certification, permanent or provisional, minimum of five (5) years experience as a technician in the field, and hold at least four (4) ASE certifications in the automotive mechanics area

Biology: Master's degree in Biology; if degree is in Education, at least several graduate courses in Biology

Business: Bachelor's degree in Business Education or Administration, or Master's degree in related field and appropriate course work and/or demonstrated experience in the business field

Chemistry: Master's degree in Chemistry; if Master's degree is in Education, at least several courses in Chemistry; Bachelor's degree must be in Chemistry.

Computing: Bachelor's degree and appropriate coursework and/or demonstrated work experience in the computing field, including knowledge of computers and microcomputer systems; interview with Computing Department and teaching demonstration may be required

Economics: Principles of Economics (6 cr.) required; Intermediate Microeconomics (3 cr.) required to teach Principles of Microeconomics; Intermediate Macroeconomics required to teach Principles of Macroeconomics

English: Master's in English; if M.A./M.S. in Education, six (6) graduate credits in English (3 cr. in Literature, 3 cr. in Composition or Rhetoric) required.

Environmental Science: Master's in Environmental Science or Biology with several Environmental Science courses; if Master's is in Education, at least several graduate courses in Environmental Sciences

First Year Experience: Successful completion of the College's FYEX training and Master's degree in a field emphasizing intrapersonal and interpersonal relations

Government: Master's in History/Government with course work in "American Federal Government" and "State/Local Government" courses; additional Government courses preferred; other Master's degrees with substantial Government courses may be considered

Health: Master's degree in Health Education, Community Health, Public Health or Health Promotion; if M.A./M.S. in Education, Bachelor's must be in Health Education Community Health, Public Health or Health Promotion with several graduate courses in relevant health courses; must be evaluated and/or interviewed by Community and Public Health Education Department Chair or faculty member with equivalent credentials.

History: Master's degree in History including a minimum of twelve (12) credits in undergraduate American History and a minimum of two (2) graduate American History courses (6-8 credits); Other Master's degrees with substantial course work related to American Studies considered

Language: Master's degree in the target language; if Master's degree is in Education, Bachelor's must be in the content area and twelve (12) credits in the target language at the graduate level or equivalent

Math: Statistics: Bachelor's in Mathematics or Statistics or a related field.

Master's degree. At least 6 hours in graduate level mathematics or statistics; and at the undergraduate or graduate level, at least two courses in probability or statistics above elementary statistics. Some experience teaching. Interview with the Mathematics Department. Note that grades in coursework, types of course taken and courses taught will be considered.

Calculus I and II: Bachelor's in Mathematics or Statistics or a related field. Master's degree. At least 6 hours in graduate level mathematics. Some experience teaching. Interview with the Mathematics Department. Note that grades in coursework, types of course taken and courses taught will be considered.

[Current certified teachers would be grandfathered in.]

[These new requirements would be effective for those applying starting January 1, 2016.]

Music: Master's degree in Music; if M.A. /M.S. in Education, substantial course work in music as acceptable to the Associate Dean of Communications/Humanities.

Photography: M.F.A. or Master's degree in Education with portfolio review

Physical Fitness: Bachelor's or Master's in Education or Physical Education with a current American Red Cross Life Saving or Water Safety Instructor certification

Physics: New York State Teacher Certification in Physics or equivalent

Service Learning: Bachelor's degree, twelve (12) graduate credits in Education or Social Sciences, and two (2) years experience in community organization work, community service, mentoring, or guidance counseling

Sociology: Master's degree in Sociology or Master's in a related field and a Bachelor's degree in Sociology and at least six (6) graduate credits in appropriate Sociology courses

Studio Arts: M.F.A. in the discipline or Master's in Education with a B.F.A. in the discipline with significant professional experience; portfolio may be required

Technology: *Engineering Orientation (ENGR 1010)* – Master's in Education or related field with a major in Technology or Bachelor's in Technology with substantial graduate course work in an appropriate content area

Graphics for Engineers (ENGR 1030) – Bachelor's degree in Mechanical Engineering or related field and three (3) years of industrial experience or Master's in Education with CAD certification and successful completion of ENGR 1030 or equivalent course, or Bachelor's in Technology and successful completion of ENGR 1030 or equivalent. Experience with ASME Y14.5 drafting standard desired.

Engineering Graphics I (MECH 1050) – Bachelor's degree in Mechanical Engineering or related field and three (3) years of industrial experience or Master's in Education with CAD certification and successful completion of MECH 1050 or equivalent course, or Bachelor's in Technology and successful completion of MECH 1050 or equivalent

Computer Aided Drafting I (CADD 1700) – Same requirements as MECH 1050; in addition, successful completion of CADD 1700 or equivalent, working experience with SolidWorks, and portfolio

Theatre: Master's in Theatre Arts, or M.F.A., or Master's degree in Education with at least nine (9) credits in theatre arts and/or dramatic literature; portfolio review required

Wellness: Master's degree in Health Education; if Masters is in Education, Bachelor's must be in Health Education with several graduate courses in Health Education specific to Wellness; Department interview required.