

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
ACCT 101 ACCT 109	<p><u>Accounting Program Standard:</u> A qualified faculty member meets the program standard through one of three routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master’s degree or higher from a regionally accredited institution in accounting; or 2. Possesses an earned related or out-of-field master’s degree, from a regionally accredited institution, with documented 18 semester hours or equivalent of courses in accounting beyond the introductory principle(s) level; or 3. Possesses an earned bachelor’s degree in accounting, from a regionally accredited institution, with documentation in two or more of the following: <ul style="list-style-type: none"> • Professional certification (national, regional or state) • Two years of in-field professional employment • Documented evidence of teaching excellence, including date of award • Documentation of research and publication in the field • Documented relevant additional coursework beyond the bachelor’s degree, equivalent to 18 semester hours or equivalent subject matter coursework, CEU’s, vendor, or military. <p><u>ACCT 101, 102 Course Standard:</u> A qualified faculty member for ACCT 101 and ACCT 102 meets the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree in accounting, from a regionally accredited institution; or 2. Possesses an earned master’s degree in a related business field from a regionally accredited institution with documented 21 semester hours in Accounting
ADMF 101 ADMF 102 PTLW ADMF 103 PTLW ADMF 113 PTLW ADMF 115 PTLW ADMF 116	<p><u>Advanced Manufacturing Program Standard:</u> A qualified faculty member meets the education component of the Advanced Manufacturing program standard through one of three routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in chemistry, physics, engineering or engineering technology; or 2. Possesses an earned associate degree in technology, with a baccalaureate or higher degree, from a regionally accredited institution, in supervision, business, or industrial/vocational education , with academic preparation appropriate to the program; or 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an advanced level, national certification appropriate to the program. <p>And, faculty meeting one of the above educational criteria must also have one of the following:</p> <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience <p><u>ADMF 101, ADMF 102 Course Standard:</u> A qualified faculty member for ADMF 101 and ADMF 102 meets the education component of the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution in chemistry, physics, engineering or engineering technology; or 2. Possesses an earned associate degree in technology, with a baccalaureate or higher degree, from a regionally accredited institution, in supervision, business, or industrial/vocational education; with academic preparation appropriate to the course being taught <p>And, faculty meeting one of the above educational criteria must also be MSSC Instructor certified.</p>

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AGRI 102 AGRI 115 AGRI 116	<u>Agriculture Program Standard:</u> A qualified faculty member in Agriculture meets both of the following criteria: <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in the fields of Agricultural and Biological Engineering, Agriculture Education, Agricultural Economics, Agricultural Systems Management, Agronomy, Animal Science, Botany, Horticulture, or Plant Science; and 2. Has two years of directly related work experience.
APHY 101 APHY 102	<u>Anatomy and Physiology Discipline Standard:</u> A qualified faculty member in anatomy and physiology meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree from a regionally accredited institution in a biological science, or 2. Possesses an earned master's or higher degree from a regionally accredited institution in any field with 18 graduate semester hours in biology-related courses. <u>APHY OXX Course Standard:</u> A qualified faculty member teaching developmental anatomy and physiology meets the course standard through one of three routes: <ol style="list-style-type: none"> 1. Meets the Anatomy and Physiology discipline standard, or 2. Possesses an earned bachelor's or higher degree from a regionally accredited institution in anatomy and physiology, or 3. Possesses a bachelor's degree with 18 semester hours in anatomy- and/or physiology-related courses.
ARTH 101 ARTH 102 ARTH 110	<u>Art History Discipline Standard:</u> A qualified faculty member in art history meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in art or art history, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in art or art history.
ARTS 100 ARTS 102 ARTS 103	<u>Fine Arts Program Standard:</u> A qualified faculty member in fine arts meets all three of the following criteria: <ol style="list-style-type: none"> 1. Possesses an earned bachelor (or higher degree) of Fine Arts, from a regionally accredited institution in studio fine arts; and 2. Completed academic preparation appropriate to the program and/or course being taught; and 3. Two of the following: <ul style="list-style-type: none"> • A portfolio that demonstrates significant involvement as a practicing artist or designer; or • Professional certification in the field; or • Five years directly related work and exhibition experience

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ASTR 101	<u>Astronomy Discipline Standard:</u> A qualified faculty member in astronomy meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in astronomy, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in astronomy or physics
AUBR 101 AUBR 103 AUTC 100 AUTC 101 AUTC 107 AUTC 109 AUTC 113 AUTC 121 AUTC 127	<u>Automotive Technology Program Standard:</u> A qualified faculty member meets the educational component of the automotive technology program standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology or technology education, or 2. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an advanced-level, national certification appropriate to the program; And, faculty meeting the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience. <u>AUBR 1XX, 207, 209, 227 Course Standard:</u> A qualified faculty member for AUBR 1XX, 207, 209, 227 meets the course standard through one of three routes: <ol style="list-style-type: none"> 1. Meets the Automotive Technology program standard, or 2. Possesses a national, industry recognized certification appropriate to the Automotive Body Repair/Paint field with 5 years of directly related work experience in the field, or 3. Possesses a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Automotive Collision Repair Technology <u>AUTC 1XX, 201, 209 Course Standard:</u> A qualified faculty member for AUTC 1XX, 201, 209 meets the course standard through one of three routes: <ol style="list-style-type: none"> 1. Meets the Automotive Technology program standard, or 2. Possesses a current National Institute for Automotive Service Excellence (ASE) certification appropriate to the course content with five years of directly related work experience in the field, or 3. Possesses a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Automotive Services Technology

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BANK 101 BUSN 101 BUSN 102 BUSN 105 BUSN 108 LOGM 127 MKTG 101	<u>Business Administration Program Standard:</u> A qualified faculty member in Business Administration meets the program standard through one of three routes: <ol style="list-style-type: none"> 1. Possesses an earned master’s degree or higher from a regionally accredited institution in business administration, public administration, management, marketing, or a business-administration-related field as appropriate to the program; or 2. Possesses an earned related or out-of field master’s degree, from a regionally accredited institution, with documented 18 semester hours or equivalent of courses beyond the introductory principle(s) level in business administration, public administration, management, marketing, or a business-administration-related field as appropriate to the program; or 3. Possesses an earned bachelor’s degree, from a regionally accredited institution, in business administration, public administration, management, marketing, or a business-administration-related field as appropriate to the program, with documentation in two or more of the following: <ul style="list-style-type: none"> • Professional certification (national, regional or state) in the field • Two years of in-field professional employment • Documented evidence of teaching excellence, including date of award • Documentation of research and publication in the field • Documented relevant additional coursework beyond the bachelor’s degree, equivalent to 18 semester hours or equivalent subject matter coursework, CEU’s, vendor, or military.

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BCOT 104 BCOT 105 BCOT 113 BCOT 114 CONT 101 CONT 102 CONT 106 CONT 127 LAND 102 LAND 103	<u>Construction Technology Program Standard:</u> A qualified faculty member meets the education component of the construction technology program standard through one of three routes: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology, engineering technology, engineering, or architecture, or 2. Possesses an earned associate degree in construction technology, with a baccalaureate or higher degree in management/organizational leadership & supervision, business, or education; with academic preparation appropriate to the program being taught, or 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, with an advanced-level certification appropriate to the program being taught; And faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience. <u>BCOT 104, 105, 107, 110, 113, 114, 115, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 171, 172, 202, 203, 207, 208, 213, 214, 220, 222, 223, CONT 101, 102, 106, 127, 204, LAND 101, 102, 103, 104, 105, 106</u> Course Standard: A qualified faculty member teaching BCOT 104, 105, 107, 110, 113, 114, 115, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 171, 172, 202, 203, 207, 208, 213, 214, 220, 222, 223, CONT 101, 102, 106, 127, 204, LAND 101, 102, 103, 104, 105, 106 meets the course standard through one of five routes: 1. Meets the Construction Technology program standard, or 2. Possesses an earned Department of Labor, Bureau for Apprenticeship Training recognized journeyman’s card in the discipline, and in journeyman status for two years or more; or 3. Possesses an earned associate degree with academic preparation appropriate to the course, with 5 years directly related work experience or professional certification in the field; or 4. Holds professional certification in the field appropriate to the course with 10 years directly related work experience and; or 5. Holds a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Building Trades Technology
BIOL 100 BIOL 101 BIOL 105 BIOL 107 BIOL 120 BIOL 211	<u>Biology Discipline Standard:</u> A qualified faculty member in biology meets the discipline standard through one of two routes: 1. Possesses an earned master’s or higher degree from a regionally accredited institution in a biological science, or 2. Possesses an earned master’s or higher degree from a regionally accredited institution in any field with 18 graduate semester hours in biology-related courses.
BIOT 100	<u>Biotechnology Program Standard:</u> A qualified faculty member in biotechnology meets all three of the following criteria: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in biology, chemistry, biochemistry, biotechnology, microbiology, or a related field; and 2. Completed 18 graduate semester hours in cell biology, biochemistry, molecular biology, biotechnology, and/or microbiology; and 3. Has two or more years experience in the field.

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CHEM 101 CHEM 105 CHEM 106 CHEM 113	<u>Chemistry Discipline Standard:</u> A qualified faculty member in chemistry meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in chemistry, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in chemistry-related courses.
CHMT 170	<u>Chemical Technology Program Standard:</u> A qualified faculty member in Chemical Technology meets all three of the following criteria: <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate degree or higher degree, from a regionally accredited institution, in technology, engineering technology, engineering, mathematics, science, or business; and 2. Completed academic preparation appropriate to the program being taught; and 3. Possesses one of the following: <ul style="list-style-type: none"> • Professional certification in the field; • Two years of directly related work experience. <u>CHMT 170, CHMT 270, or CHMT 280 Course Standard:</u> A qualified faculty member teaching CHMT 170, 270, 280 meets the course standard through one of the following routes: <ol style="list-style-type: none"> 1. Meets the Chemical Technology program standard, or 2. Possesses an earned bachelor's degree in any area, with 2 years of directly related work experience appropriate to the course being taught.
CINS 101 CINS 113 CINS 136 CINT 106 CINT 121 CINT 140 CINT 141 CINT 160 CINT 161 CINT 240 CINT 241 CINT 260 CINT 261	<u>Computer Information Systems Program Standard:</u> A qualified faculty member in computer information systems or meets the program standard through one of three routes: <ol style="list-style-type: none"> 1. Possesses an earned master's degree or higher from a regionally accredited institution in computer information systems, management information systems, information technology, computer science or a computer-related degree as appropriate to the program; or 2. Possesses an earned related or out-of-field master's degree, from a regionally accredited institution, with documented 18 semester hours or equivalent of courses beyond the introductory principle(s) level in a computer, business, mathematics, or engineering-related field as appropriate to the program; or 3. Possesses an earned bachelor's degree, from a regionally accredited institution, in mathematics, engineering, or business/computer-related field as appropriate to the program with documentation in two or more of the following: <ul style="list-style-type: none"> • Professional certification (national, regional, or state) in the field • Two years of in-field professional employment • Documented evidence of teaching excellence, including date of award • Documentation of research and publication in the field • Documented relevant additional coursework beyond the bachelor's degree, equivalent to 18 semester hours or equivalent subject matter coursework, CEU's, vendor, or military.

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COMM 101 COMM 102	<p><u>Communication Discipline Standard:</u> A qualified faculty member meets the discipline standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree in speech or communication, from a regionally accredited institution; or 2. Possesses an earned master's or higher degree with 18 graduate semester credit hours in speech or communication, from a regionally accredited institution. <p><u>COMM 101 Course Standard:</u> A qualified faculty member in public speaking meets the course standard through one of the following three routes:</p> <ol style="list-style-type: none"> 1. Meets Communication discipline standard, or 2. Possesses an earned master's degree with 18 graduate semester credit hours in a discipline related to the course (e.g. rhetoric, linguistics, homiletics, law, theatre, public relations); or 3. Possesses an earned master’s degree in secondary education with a concentration in speech, and has 12 graduate credits in speech or communication and 12 undergraduate credits in speech or communication at the 300- and 400- level. <p><u>COMM 102 Course Standard:</u> A qualified faculty member in interpersonal communication meets the course standard through one of following three routes:</p> <ol style="list-style-type: none"> 1. Meets the Communication discipline standard, or 2. Possesses an earned master's degree with 18 graduate semester credit hours in a discipline related to the course (e.g. social work, counseling, sociology, psychology); or 3. Possesses an earned master’s degree in secondary education with a concentration in speech, has 12 graduate credits in speech or communication and 12 undergraduate credits in speech or communication at the 300- and 400- level.
CRIM 101 CRIM 113	<p><u>Criminal Justice Program Standard:</u> A qualified faculty member in criminal justice meets both of the following criteria:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in criminology, law enforcement, social work, sociology, or other human services or behavioral sciences fields (e.g. earned Juris Doctor degree), and 2. Possesses one of the following: <ul style="list-style-type: none"> • Professional certification in the field, or • Two years of directly related work experience, or • Completed academic preparation appropriate to the program <p><u>CRIM 111, 113, 117, 171, 210, 204, 231, 255 Course Standard:</u> A qualified faculty member teaching CRIM 111, 113, 117, 171, 210, 204, 231, and 255 meets the Criminal Justice program standard or both of the following criteria:</p> <ol style="list-style-type: none"> 1. Possesses an earned associate or higher degree, and 2. Has five years of directly related work experience.

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DESN 102 DESN 103 DESN 104 DESN 105 DESN 108 DESN 109 DESN 113 DESN 130 DESN 220 DESN 230 PLTW DESN 102 PLTW DESN 105	<u>Design Technology Program Standard:</u> A qualified faculty member in Design Technology meets both of the following criteria: <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology, engineering, technical graphics, computer graphics, architecture, fine arts, or art; and 2. One of the following: <ul style="list-style-type: none"> • Professional certification in the field; • Two years of directly related work experience. <u>DESN 102, 103, 104, 105, 108, 109, 113, 130, 204, 209, 213, 220, 223, 227, 271, 272 Course Standard:</u> A qualified faculty member teaching DESN 102, 103, 104, 105, 108, 109, 113, 130, 204, 209, 213, 220, 223, 227, 271, and 272 meets the course standard through one of four routes: <ol style="list-style-type: none"> 1. Meets the Design Technology program standard, or 2. Possesses an earned associate or higher degree with academic preparation appropriate to the course with 5 years directly related work experience, or 3. Possesses an earned associate or higher degree with academic preparation appropriate to the course with a Professional Certification in the field, or 4. Holds a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Drafting and Computer Aided Design or 3D Computer Animation and Visualization
ECED 100 ECED 101 ECED 103 ECED 105	<u>Early Childhood Education Program Standard:</u> A qualified faculty member in early childhood education meets the education component of the program standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in elementary/early childhood education, child development, special needs, or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in a related discipline with 18 graduate credit hours in the field, with academic preparation appropriate to the program And faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience.
ECON 101 ECON 201 ECON 202	<u>Economics Discipline Standard:</u> A qualified faculty member in economics meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in economics, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours from one or a combination of the following disciplines: economics, finance.

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EDUC 101	<u>Education Program Standard:</u> A qualified faculty member in education meets both of the following criteria: 1. Possesses an earned master’s or higher degree from a regionally accredited institution in education or a related field appropriate to the program, and 2. Has one of the following: <ul style="list-style-type: none"> • Professional certification in the field, or • Three years of elementary or secondary teaching experience.
EECT 101 EECT 112	<u>Electronics and Computer Technology Program Standard:</u> A qualified faculty member in electronics and computer technology meets all three of the following: 1. Possesses an earned baccalaureate or higher degree from a regionally accredited institution in technology, engineering technology, engineering, or computer science; and 2. Completed academic preparation appropriate to the program, and 3. Has one of the following: <ul style="list-style-type: none"> • Professional certification in the field or • Two years of directly related work experience.
ENGL 111 ENGL 112 ENGL 202 ENGL 206 ENGL 211 ENGL 221 ENGL 222 ENGL 223 ENGL 240	<u>English Discipline Standard:</u> A qualified faculty member in English meets the discipline standard through one of two routes: 1. Possesses an earned master's or higher degree from a regionally accredited institution in English, or 2. Possesses an earned master's or higher degree from a regionally accredited institution in any field with 18 graduate semester credit hours in English or courses related to the writing process. <u>ENGL 1XX Course Standard:</u> A qualified faculty member teaching one hundred level ENGL courses meets the discipline standard or meets the course standard through all three of the following criteria: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in Secondary Education with a concentration in English, and 2. Completed 12 graduate semester credit hours in English or courses related to the writing process, and 3. Completed 12 undergraduate semester credit hours in English or courses related to the writing process at the 300- and 400- level.

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FIRE 100 FIRE 101 FIRE 116 FIRE 117	<u>Public Safety Program Standard:</u> A qualified faculty member meets the educational component of the public safety program standard through one of 3 routes: 4. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology or engineering, or 5. Possesses an earned associate degree in public safety, with a baccalaureate or higher degree in supervision, business, or industrial/vocational education; with academic preparation appropriate to the program; or 6. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an appropriate advanced-level, state or national certification; Additionally, faculty meeting one of the above educational components must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience <u>FIRE 100, 101 Course Standard:</u> A qualified faculty member teaching FIRE 100, 101 meets the course standard through one of three routes: 1. Possesses current State Firefighter I/II certification, or 2. Possesses current State Instructor I/II/III certification, or 3. Workplace Specialist license granted by the Indiana Department of Education in Trade and Industrial Education: Fire Science <u>FIRE 104, 109, 116, 117, 201, 204 Course Standard:</u> A qualified faculty member teaching FIRE 104, 109, 116, 117, 201, 204 possesses current State certifications in both of the following: 1. Firefighter I/II certification, and 2. Instructor I/II/III certification
FREN 101 FREN 102	<u>French Discipline Standard:</u> A qualified faculty member in French meets the discipline standard through one of three routes: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in French language or French literature; or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any discipline with 18 graduate semester hours in French language or literature courses; or 3. Is a native speaker of French with a master’s degree and the equivalent of two years secondary or post secondary teaching experience in French or a related area (e.g. linguistics or another language).
HIST 101 HIST 102 HIST 111	<u>History Discipline Standard:</u> A qualified faculty member in history meets the discipline standard through one of two routes: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in history; or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in history.

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HLHS 100 HLHS 101 HLHS 107	<p><u>Health Care Support Program Standard:</u> A qualified faculty member in Health Care Support meets all three of the following criteria:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree from a regionally accredited institution; and 2. Has a minimum of 2 years directly related work experience; and 3. Holds certification or licensure in a health care discipline involving provision of direct patient care. <p><u>HLHS 100, 101, 103, 105, 111, 118, 202, 203 Course Standard:</u> A qualified faculty member teaching HLHS 100, 101, 103, 105, 111, 118, 202, and 203 meets the course standard through one of the following routes:</p> <ol style="list-style-type: none"> 1. Meets the Health Care Support Program standard; or 2. Possesses an earned baccalaureate or higher degree from a regionally accredited institution with a minimum of 2 years directly related work experience; or 3. Holds a current Workplace Specialist License granted by the Indiana Department of Education in Health Occupations: Health Careers. <p><u>HLHS 107 Course Standard:</u> A qualified faculty member teaching CNA Preparation meets all four of the following criteria:</p> <ol style="list-style-type: none"> 1. Possesses an earned associate’s or higher degree from a regionally accredited institution, and 2. Is a licensed Nurse holding an unencumbered license in the state of Indiana, and 3. Has a minimum of one year of licensed nurse experience, and 4. One of the following: <ul style="list-style-type: none"> • Completed the required state training session including adult learning theory or • Holds a current Workplace Specialist License granted by the Indiana.

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HOSP 101 HOSP 102 HOSP 104 HOSP 105 HOSP 114	<p><u>Hospitality Administration Program Standard:</u> A qualified faculty member in hospitality administration program meets all three of the following criteria:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, and 2. Completed academic preparation and/or work experience appropriate to the program being taught, and 3. Holds professional certification in the field. <p><u>HOSP 101 Course Standard:</u> A qualified faculty member teaching HOSP 101 qualifies through one of the following routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned associate or higher degree from a regionally accredited institution, with the NRAEF ServSafe Instructor /proctor status and two or more years directly related work experience or 2. Holds the NRAEF ServSafe Instructor /proctor status and possesses a Workplace Specialist License granted by the Indiana Department of Education in Occupational Family and Consumer Sciences: Culinary Arts and Food Service Management Occupations. <p><u>HOSP 104 Course Standard:</u> A qualified faculty member teaching HOSP 104 meets the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned associate or higher degree from a regionally accredited institution, with professional certification in the field with two or more years of directly related work experience, or 2. Possesses a Workplace Specialist License granted by the Indiana Department of Education in Occupational Family and Consumer Sciences: Culinary Arts and Food Service Management Occupations <p><u>HOSP 114 Course Standard:</u> A qualified faculty member teaching HOSP 114 meets the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned associate or higher degree from a regionally accredited institution, with professional certification in the field and two or more years of directly related work experience, or 2. Possesses a Workplace Specialist License granted by the Indiana Department of Education in Occupational Family and Consumer Sciences: Hotel Academy.

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HUMA 100 HUMA 118	<p><u>Humanities Discipline Standard:</u> A qualified faculty member in humanities meets the discipline standard through one of three routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree from a regionally accredited institution in a humanities program, or 2. Possesses an earned master’s or higher degree from a regionally accredited institution in any field with 18 graduate semester hours in humanities, or 3. Possesses an earned master’s or higher degree from a regionally accredited institution in any field with 18 graduate hours across at least two of the following disciplines: drama, religion, theatre, literature, philosophy, humanities, English, art, art history, history, music or fine art. <p><u>HUMA 100 Course Standard:</u> A qualified faculty member teaching theatre meets the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution in theatre or 2. Possesses an earned master's or higher degree, from a regionally accredited institution in any field with 18 graduate semester credit hours in theatre-related courses (e.g., communication, performance studies, drama). <p><u>HUMA 118 Course Standard:</u> A qualified faculty member teaching HUMA 118 meets the course standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in music or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester credit hours in music.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
HVAC 101 HVAC 103 HVAC 107 HVAC 208 HVAC 211	<p><u>Heating, Ventilation and Air Conditioning Discipline Standard:</u> A qualified faculty member meets the education component of the HVAC discipline standard through one of two routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in HVACR (heating, ventilation, air conditioning and refrigeration), technology, engineering, or engineering technology; or 2. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, with an advanced-level, national certification appropriate to the discipline being taught; And, faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; • Two years of directly related work experience. <p><u>HVAC 101, 103, 107, 120, 122, 171, 202, 208, and 211 Course Standard:</u> A qualified faculty member teaching HVAC 101, 103, 107, 120, 122, 171, 202, 208, and 211 meets the course standard through one of four routes:</p> <ol style="list-style-type: none"> 1. Meets the Heating, Ventilation and Air Conditioning discipline standard; or 2. Possesses a Department of Labor, Bureau for Apprenticeship Training recognized journeyman’s card in the discipline, and in journeyman status for two years or more; or 3. Possesses an earned associate degree with academic preparation appropriate to the course, with 5 years directly related work experience and professional certification in the field; or 4. Possesses a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Heating, Ventilation, Air Conditioning and Refrigeration (HVACR).

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
INDT 100 INDT 103 INDT 113 INDT 114 TECH 101	<u>Industrial Technology Program Standard:</u> A qualified faculty member meets the education component of the Industrial Technology program standard through one of three routes: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in engineering, engineering technology, technology or 2. Possesses an earned associate degree in technology, with a baccalaureate or higher degree in management/organizational leadership & supervision, business, or education; with academic preparation appropriate to the program; or, 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an advanced-level, national certification appropriate to the program. And faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; • Two years of directly related work experience <u>A qualified faculty member teaching INDT 101, 102, 103, 104, 105, 106, 107, 108, 113, 120, 201, 203, 204, 205, 206, 210, 211, 212, 213, 214, 215, 216, 217, 218, and 260 meets the course standard through one of four routes:</u> 1. Meets the Industrial Technology program standard, or 2. Possesses a Department of Labor, Bureau for Apprenticeship Training recognized journeyman’s card in the discipline, and in journeyman status for two years or more; or 3. Possesses an earned associate or higher degree with academic preparation appropriate to the course with 5 years directly related work experience, or 4. Holds a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Industrial Repair and Maintenance.
MATH 118 MATH 135 MATH 136 MATH 137 MATH 201 MATH 202 MATH 211 MATH 212	<u>Mathematics Discipline Standard:</u> A qualified faculty member in mathematics meets the discipline standard through one of two routes: 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in mathematics; or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate credit hours in mathematics-related courses. MATH 1XX Course Standard: A qualified faculty member in MATH 1XX meets the course standard through one of two routes: 1. Meets the mathematics discipline standard, or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in secondary education with a concentration in math, with 12 graduate credits in math and 12 undergraduate credits in math at the 300-400 level.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
MTTC 101 MTTC 102 MTTC 103 MTTC 105 MTTC 110	<u>Machine Tool Program Standard:</u> A qualified faculty member meets the education component of the machine tool program standard through one of three routes: <ol style="list-style-type: none"> 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology, engineering technology, engineering, or 2. Possesses an earned associate degree in machine tool technology or manufacturing related technology, with a baccalaureate or higher degree in management/organizational leadership & supervision, business, or education; or 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, with an advanced-level, national certification appropriate to the program/discipline being taught; And, faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience. <u>A qualified faculty member for MTTC 101, 102, 103, 104, 105, 106, 110, 202, 203, 205, 206, 207, 208, 209, meets the course standard through one of four routes:</u> <ol style="list-style-type: none"> 1. Meets the Machine Tool program standard; or 2. Possesses a Department of Labor, Bureau for Apprenticeship Training recognized journeyman’s card in the discipline, and in journeyman status for two years or more; or 3. Possesses an earned associate degree with academic preparation appropriate to the course, with 5 years directly related work experience and professional certification in the field; or 4. Possesses a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Precision Machine Technology.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
OFAD 103 OFAD 110 OFAD 114 OFAD 121	<p><u>Office Administration Program Standard:</u> A qualified faculty member in Office Administration meets the program standard through one of three routes:</p> <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree from a regionally accredited institution in a business or computer-related discipline, as appropriate to the program; or 2. Possesses a related or out-of-field master’s degree, from a regionally accredited institution, with documented 18 semester hours or equivalent of courses in business or computer-related discipline as appropriate to the program beyond the introductory principle(s) level; or 3. Possesses an earned bachelor’s degree from a regionally accredited institution in a business or computer-related discipline appropriate to the program, with documentation in two or more of the following: <ul style="list-style-type: none"> • Professional certification (national, regional or state), or • Two years of in-field professional employment, or • Documented evidence of teaching excellence, including date of award, or • Documentation of research and publication in field, or • Documented relevant additional coursework beyond the bachelor’s degree, equivalent to 18 semester hours or equivalent matter coursework, CEU’s, vendor or military <p><u>OFAD 103 Course Standard:</u> A qualified faculty member teaching OFAD 103 meets the Office Administration program standard and one of the following three criteria:</p> <ol style="list-style-type: none"> 1. Holds a current MOS: Microsoft Office Word Expert certification, or 2. Holds either the second or third most recent MOS: Microsoft Office Word Expert certification. Or, 3. Has extensive work experience in the application area and is scheduled/required to take the MOS: Microsoft Office Word Expert certification exam during the semester in which OFAD 103 is taught. (After the summer 2012 term, instructors must meet the OFAD program standard and hold one of the two most current MOS: Microsoft Office Word Expert certifications.) <p><u>OFAD 110 Course Standard:</u> A qualified faculty member teaching OFAD 110 meets the Office Administration program standard and one of the following three criteria:</p> <ol style="list-style-type: none"> 1. Holds a current MOS: Microsoft Office PowerPoint certification, or 2. Holds either the second or third most recent MOS: Microsoft Office PowerPoint certification. Or, 3. Has extensive work experience in the application area and is scheduled/required to take the MOS: Microsoft Office PowerPoint certification exam during the semester in which OFAD 110 is taught. (After the summer 2012 term, instructors must meet the OFAD program standard and hold one of the two most current MOS: Microsoft Office PowerPoint certifications.)

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
PARM 102	<u>Paramedic Science Program Standard:</u> A qualified faculty member in paramedic science meets all five of the following criteria: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, and 2. Completed academic preparation appropriate to the program; and 3. Holds an Indiana paramedic certification; and 4. Holds an Indiana Department of Homeland Security Primary Instructor certification; and 5. Has two years of directly related work experience. <u>PARM 102 Course Standard:</u> A qualified faculty member teaching EMT course PARM 102 meets the course standard through one of two routes: 1. Meets the Paramedic Science program standard, or 2. Holds both of the following certifications: • a current EMT or higher certification and • a current Indiana Department of Homeland Security Primary Instructor certification.
PHIL 101 PHIL 102 PHIL 220	<u>Philosophy Discipline Standard:</u> A qualified faculty member in philosophy meets the discipline standard through one of two routes: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in philosophy; or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in philosophy. <u>PHIL 101 Course Standard:</u> A qualified faculty member teaching PHIL 101 meets the course standard through one of two routes: 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in philosophy or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester credit hours in philosophy-related courses (e.g. ethics courses, logic, values, aesthetics, moral philosophy, moral problems, philosophical writings, history of philosophy). <u>PHIL 102, 213 Course Standard:</u> A qualified faculty member teaching PHIL 102 or 213 meets the course standard in one of two routes: 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in philosophy, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester credit hours in philosophy or ethics. <u>PHIL 220 Course Standard:</u> A qualified faculty member teaching PHIL 220 meets the course standard in one of two routes: 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in philosophy or religious studies, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester credit hours in philosophy or religious studies.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
PHYS 101 PHYS 102 PHYS 220 PHYS 221	<u>Physics Discipline Standard:</u> A qualified faculty member in physics meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in physics, or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester credit hours in physics-related courses.
POLS 101 POLS 201 POLS 211	<u>Political Science Discipline Standard:</u> A qualified faculty member in political science meets the discipline standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in political science or public administration; or 2. Possesses an earned Juris Doctor degree, from a regionally accredited institution. <u>POLS 101, 210 Course Standard:</u> A qualified faculty member teaching POLS 101 or 210 meets the course standard through one of two routes: <ol style="list-style-type: none"> 1. Meets the political science discipline standard, or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in one or a combination of the following disciplines: political science, public administration, history. <u>POLS 112, 201, 220 Course Standard:</u> A qualified faculty member teaching POLS 112, 201, or 220 meets the course standard through one of two routes: <ol style="list-style-type: none"> 1. Meets the political science discipline standard, or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in one or a combination of the following disciplines: political science, public administration. <u>POLS 211 Course Standard:</u> A qualified faculty member teaching POLS 211 meets the course standard through one of two routes: <ol style="list-style-type: none"> 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in political science or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in one or a combination of the following disciplines: political science, history.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
PSAF 115 PSAF 120	<u>Public Safety Program Standard:</u> A qualified faculty member meets the educational component of the public safety program standard through one of 3 routes: 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology or engineering, or 4. Possesses an earned associate degree in public safety, with a baccalaureate or higher degree in supervision, business, or industrial/vocational education; with academic preparation appropriate to the program; or 5. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an appropriate advanced-level, state or national certification; Additionally, faculty meeting one of the above educational components must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; or • Two years of directly related work experience <u>PSAF 120 First Responder Course Standard:</u> A qualified faculty member meets the First Responder course standard through one of three routes: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in technology or engineering; and holds a current Indiana State EMT certification, or 2. Possesses certification in first aid, CPR and Indiana State EMT certification, or 3. Possesses current Workplace Specialist license granted by the Indiana Department of Education in Health Occupations: First Responder <u>PSAF 115 Course Standard:</u> A qualified faculty member teaching PSAF 115 possesses current State certifications in both of the following: 1. Hazmat Awareness and Operations, and 2. Instructor I/II/III.
PSYC 101	<u>Psychology Discipline Standard:</u> A qualified faculty member in psychology meets the discipline standard through one of two routes: 1. Possesses an earned master's or higher degree, from a regionally accredited institution, in psychology, educational psychology, clinical psychology, counseling psychology, social psychology, or any other professionally recognized specialty in psychology, or 2. Possesses an earned master's or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in psychology-related courses, including a course in statistics and/or research methodology.
SCIN 100 SCIN 111	<u>Science Discipline Standard:</u> A qualified faculty member in physical science possesses an earned master's or higher degree, from a regionally accredited institution, with 18 graduate semester hours in the physical sciences.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
SOCI 111 SOCI 252	<u>Sociology Discipline Standard:</u> A qualified faculty member in sociology meets the discipline standard through one of two routes: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in sociology, social work, or social psychology; or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any field with 18 graduate semester hours in sociology.
SPAN 101 SPAN 102 SPAN 201 SPAN 202	<u>Spanish Discipline Standard:</u> A qualified faculty member in Spanish meets the discipline standard through one of three routes: 1. Possesses an earned master’s or higher degree, from a regionally accredited institution, in Spanish language or Spanish literature; or 2. Possesses an earned master’s or higher degree, from a regionally accredited institution, in any discipline with 18 graduate hours in Spanish language or Spanish literature; or 3. Is a native speaker of Spanish with a master’s degree and the equivalent of two years secondary or postsecondary teaching experience in Spanish or a related area (e.g. linguistics or another language).
SUST 100 SUST 101 SUST 123	<u>Sustainable Energy Program Standard:</u> A qualified faculty member in Sustainable Energy is credentialed through one of two routes: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in a technology, engineering technology, or engineering discipline; or 2. Possesses an earned Baccalaureate Degree, from a regionally accredited institution, in any field and one of the following, <ul style="list-style-type: none"> • Professional certification in the field; • Three years of directly related work experience <u>SUST 101 & SUST 222 Course Standard:</u> A qualified faculty member teaching SUST 101 or 222 meets the course standard through one of two routes: 1. Holds all four of the following certifications: <ul style="list-style-type: none"> • at least an OSHA-10 (general industry) certificate, and • an OSHA-10 (construction) certificate, and • a nationally recognized competent climber certification, and • a nationally recognized competent vertical rescuer certification, or 2. Has 2 years of wind turbine specific training experience and both of the following certifications: <ul style="list-style-type: none"> • Holds an OSHA 500, and • OSHA 501 <u>SUST 100, SUST 102, SUST 111, SUST 123, SUST 201, SUST 211, SUST 220 Course Standard:</u> A qualified faculty member teaching SUST 100, 102, 111, 123, 201, 211, or 220 meets the course standard through one of the following three routes: 1. Meets the Sustainable Energy program standard, or 2. Possesses an earned associate or higher degree from a regionally accredited institution, with academic preparation appropriate to the course being taught, with 3 years directly related work experience, or 3. Holds a nationally recognized professional certification in a sustainable energy field directly related to the course being taught and has at least 3 years directly related work experience.

Ivy Tech Course Number	Credentials (Requirements are subject to change. Check with your local dual credit contact for updates.) Faculty with a master’s degree in secondary education with a relevant concentration (such as mathematics) can be determined to have met the requirement if the individual has 12 graduate credits in the field and 12 undergraduate credits in the field at the 300- and 400-level. This applies to general education courses that are 100-level only.
VISC 101 VISC 102 VISC 103 VISC 105 VISC 110 VISC 111 VISC 115 VISC 116 PHOT 104 PHOT 106	<u>Visual Communications Program Standard:</u> A qualified faculty member in visual communications meets both of the following criteria: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in fine arts, visual communications, design or related degree field, and 2. Has two of the following: <ul style="list-style-type: none"> • A portfolio that demonstrates significant involvement as a practicing artist or designer; • Professional certification in the field; or • Two years of directly related work experience, or • Completed academic preparation appropriate to the program.
WELD 100 WELD 101 WELD 103 WELD 108 WELD 109 WELD 207	<u>WELD 100, 101, 103, 105, 107, 108, 109, 115, 116, 117, 201, 202, 203, 204, 205, 207, 208, 209, and INDT 114 Course Standard- (Welding Courses):</u> A qualified faculty member teaching INDT 114 and WELD 100, 101, 103, 105, 107, 108, 109, 115, 116, 117, 201, 202, 203, 204, 205, 207, 208, 209 meets the course standard through one of five routes: 1. Meets the Industrial Technology program standard, or 2. Possesses a Department of Labor, Bureau for Apprenticeship Training recognized journeyman’s card in the discipline, and in journeyman status for two years or more; or 3. Possesses a Certified Welding Inspector/Educator credential with two or more years’ experience; or 4. Possesses a professional certification in the field with preparation appropriate to the course with 5 years directly related work experience and; or 5. Holds a current Workplace Specialist License granted by the Indiana Department of Education in Trade and Industrial Education: Welding Technology <u>Industrial Technology Program Standard:</u> A qualified faculty member meets the education component of the Industrial Technology program standard through one of three routes: 1. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution, in engineering, engineering technology, technology or 2. Possesses an earned associate degree in technology, with a baccalaureate or higher degree in management/organizational leadership & supervision, business, or education; with academic preparation appropriate to the program; or, 3. Possesses an earned baccalaureate or higher degree, from a regionally accredited institution with an advanced-level, national certification appropriate to the program. And faculty meeting one of the educational criteria above must also have one of the following: <ul style="list-style-type: none"> • Professional certification in the field; • Two years of directly related work experience.